Dear Fellow San Diego Safety Professionals,

Happy Valentine’s Day!

I know many people think of this as a romantic holiday, but I like to think of Valentine’s Day as an opportunity to express gratitude and appreciation for the people who make life wonderful; and in my world that is definitely all of you! I am frequently blown away with the wisdom and generosity of ASSE members and San Diego Safety Professionals in general. Thank you for sharing your experience and resources and helping to keep our workers and our community safe.

Last month Suzanne May, a senior Construction Risk Control Consultant for Travelers Insurance, spoke to us about fleet driver management from a commercial insurance carrier’s perspective. She gave lots of good insight on who should be included in your policy and the types of insurance exposures companies have with company vehicles on personal time. I hope everyone who was able to attend last month’s breakfast meeting was as fascinated as I was, thank you Suzanne for sharing your expertise!

Please join us February 13th for a discussion with Dig Alert Safety Manager Amber Dahl about the details of the services that they provide and how contractors and others involved in excavation work can more effectively protect their workers through the use of the Dig Alert system.

We will also hold a vote on the proposed changed to our Chapter Bylaws, incorporating the historic decision to change the organization’s name to the American Society of Safety Professionals.

Your Executive Committee is hard at work on this year’s Professional Development Symposium scheduled for March 13th, 2018. I hope to see you all there!

Be safe out there!

Allison Long

ASSE San Diego Chapter President
Government Affairs Committee:

by Scott Simerson

California Proposes Rule on Heat Illness Prevention in Indoor Places of Employment

Certain Employers Must Comply with Existing Heat Illness Prevention Mandates

The California Division of Occupational Safety and Health (Cal/OSHA) has released a proposed rule that would generally affect all indoor places of employment where the "dry bulb" temperature equals or exceeds 85°F.

Proposed Rule

Under the proposal, such employers would be required to establish, implement, and maintain an effective heat illness prevention plan. The plan must be in writing in both English and the language understood by the majority of the employees and must be made available in the workplace to employees and to Cal/OSHA representatives upon request.

Note: The plan may be included as part of the employer's Injury and Illness Prevention Program required by state regulations or the employer's outdoor Heat Illness Prevention Plan required under state regulations (section 3395), discussed below in the "Current Requirements" section.

The heat illness prevention plan required under the proposal also must, at a minimum, contain certain elements (§ c), including control measures and training. Employers would also have certain responsibilities to assess and reassess the heat illness risk (using certain specified procedures) and would have to establish certain first-aid and emergency response procedures. Employers would also be required to keep certain records of training and the most recent heat illness risk assessment and the control measures used. Additional requirements are outlined in the text of the proposal.

Current Requirements

Currently, many employers in California are required to have an effective written Injury and Illness Prevention Program (IIPP). The IIPP is a basic written workplace safety program, which also must contain certain elements, including training and hazard assessment. According to Cal/OSHA, employers must regularly review and update their IIPPs in order for them to remain effective. Cal/OSHA offers employers an eTool, which contains guidance on (among other things) how to create a written IIPP.

Additionally, California's outdoor Heat Illness Prevention Standard generally applies to all outdoor places of employment. (Also, certain industries are subject to additional requirements in high heat—95°F or above). Covered employers must (among other things) provide sufficient access to shade and water, training, high-heat procedures, and must develop a heat illness prevention plan that meets certain requirements (§ i). Cal/OSHA offers certain employer resources, including Q&As, training materials, guidance, and sample procedures.

Click here to read the proposed rule. Stay tuned for updates regarding the status of Cal/OSHA's proposed heat illness prevention requirements.

Court of Appeals rejects industry challenge to silica rule, requests OSHA to consider medical removal protections

January 4, 2018

The U.S. Court of Appeals for the District of Columbia Circuit has rejected all industry challenges to OSHA’s final rule on respirable crystalline silica exposure, issuing its decision Dec. 22.

The silica rule, which reduces the permissible exposure limit to an average of 50 micrograms per cubic meter of air during an 8-hour shift, remains in effect for the construction industry. Most provisions in the agency’s standard for exposure in maritime and general industry are slated to begin June 23.

Industry groups sought a review of five issues:

- Whether “substantial evidence” exists that a reduced PEL will significantly decrease health issues surrounding silica exposure.
- Whether the rule is “technologically feasible for the foundry, hydraulic fracturing and construction industries.”
- Whether the rule is economically feasible for the aforementioned industries.
- Whether OSHA violated the Administrative Procedure Act in the rule’s promulgation.
- Whether substantial evidence supports two ancillary provisions to the rule, one allowing workers to undergo confidential medical examinations and another that prohibits dry cleaning methods – unless that practice is not feasible.

(See Government Affairs, page 3)
A group of labor unions sought a review of two portions of the rule: the absence of medical removal protections and the requirement that medical surveillance is provided only for workers who have to wear respirators for 30 days for one employer over a one-year interval.

The court rejected the latter request but stated that, “OSHA failed to adequately explain its decision to omit medical removal protections from the Rule.”

Medical removal protections require employers to keep workers from exposure when recommended by a medical finding, determination or opinion. The employee maintains the right to his or her “normal earnings as well as all other employee rights and benefits,” according to the court opinion.

Judges Merrick Garland, Karen LeCraft Henderson and David Tatel said in their opinion, “We hold that OSHA was arbitrary and capricious in declining to require MRP for some period when a medical professional recommends permanent removal, when a medical professional recommends temporary removal to alleviate [chronic obstructive pulmonary disease] symptoms, and when a medical professional recommends temporary removal pending a specialist’s determination. We remand to the agency to reconsider or further explain those aspects of the Rule.”

The AFL-CIO applauded the decision, calling it a “huge victory” for working people. “This will protect millions of workers from disabling disease and save thousands of lives,” AFL-CIO President Richard Trumka said in a Dec. 22 press release. “The court rejected industries’ arguments and directed the agency to further consider additional union safety recommendations. Now we must turn our efforts to making sure this standard is put into full effect, enforced and protected from further attacks so that workers are finally protected from deadly silica dust.”

Stephen E. Sandherr, CEO of the Associated General Contractors of America — one of the industry groups that challenged the silica standard — expressed his disappointment with the court’s decision in a Dec. 22 statement.

“The appeals court has decided to allow the misguided federal silica rules to proceed despite the many legitimate concerns we and other groups raised about the measure. Today’s decision underscores just how difficult it is to overturn federal regulations, even one as deeply flawed as this measure,” Sandherr said. “Our intention from day one has been to find a way to continue reducing exposure to, and illness from, silica. While we never disagreed with federal officials’ motives, we have long felt that the Obama administration’s silica rule would do little to improve workplace health and safety and that better approaches did, and do, exist.

“Moving forward, we will continue to work closely with federal officials to make improvements to this measure and how it is enforced in a way that leads to the meaningful safety and health improvements all of us seek.”

On Dec. 27, OSHA announced via Twitter that it had released a set of revised fact sheets for the silica rule for the construction industry.

### Executive Committee Chair Updates

**January 17, 2018**

**EPA to seek comment on draft of risk assessments related to glyphosate**

Washington — The Environmental Protection Agency has released a draft of its human health and ecological risk assessments for glyphosate, a commonly used herbicide, and stated that it intends to seek public comment on the draft.

Researchers determined that glyphosate likely is non-carcinogenic to humans and poses no significant risks when used in accordance with pesticide labels. However, in the ecological risk assessment, the researchers concluded that potential effects could exist for birds, mammals, and terrestrial and aquatic plants.

According to a press release, EPA intends to open a 60-day public comment period “in early 2018.” The documents will be made available in the online glyphosate registration review docket at www.regulations.gov.

The agency is scheduled to release a proposed interim registration review decision for glyphosate in 2019, the release states.

### Scott Mugno’s nomination to head OSHA gets re-approval from Senate HELP Committee

**January 18, 2018**

Washington — Scott Mugno, President Donald Trump’s nominee to lead OSHA, received a second approval from the Senate Health, Education, Labor and Pensions Committee on Jan. 18, and now awaits confirmation from the full Senate.

Re-approval was necessary because the Senate did not confirm the FedEx executive’s appointment as assistant secretary of labor before its session ended in December. See Government Affairs, page 4)
EXECUTIVE COMMITTEE CHAIR UPDATES

(Government Affairs, continued from Page 3)

That legislative body – now composed of 51 Republicans, 47 Democrats and two independents who caucus with the latter party – convened its latest session Jan. 3.

The HELP Committee’s originally scheduled vote on Mugno’s nomination was postponed on Jan. 11 for undisclosed reasons. Mugno initially won approval from the committee on Dec. 13, a vote that reportedly was along party lines.

He appeared before the HELP Committee on Dec. 5 with three other nominees and emphasized teamwork during a two-and-half-hour session.

“If confirmed, I will work very hard every day side by side with the best safety professionals at America’s ultimate safety department,” Mugno said in his opening statement. “The discussions or debates on how to reach that goal (of safety) can, at times, lead some to believe one side or another doesn’t believe in the goal. Nothing could be further from the truth.”

Mugno is the vice president of safety, sustainability and vehicle maintenance at FedEx Ground, where he has worked since August 1994, joining the company as a senior attorney. From February 2000 to December 2011, he was managing director of corporate safety, health and fire prevention until his promotion to vice president.

Mugno also served as OSHA subcommittee chairman for the U.S. Chamber of Commerce, a noted regulatory opponent.

If confirmed as OSHA administrator, Mugno would take over from Loren Sweatt, who has served as acting assistant secretary of labor since July 24. Sweatt is OSHA’s deputy assistant secretary of labor.

Mugno emphasized teamwork on Dec. 5 at his confirmation hearing before the HELP Committee.

“If confirmed, I will work very hard every day side by side with the best safety professionals at America’s ultimate safety department,” Mugno said in his opening statement. “The discussions or debates on how to reach that goal (of safety) can, at times, lead some to believe one side or another doesn’t believe in the goal. Nothing could be further from the truth.”

Click here for more on Mugno’s Dec. 5 confirmation hearing.

Senators to Acosta: MSHA coal dust rule, scheduled for review, is ‘critical’ to miner health
January 10, 2018

WASHINGTON — Sen. Joe Manchin (D-WV) is among five Senate Democrats who have expressed opposition to any rollback to the Mine Safety and Health Administration’s respirable coal dust rule, in a letter sent Dec. 22 to Secretary of Labor R. Alexander Acosta.

West Virginia’s junior senator, Shelley Moore Capito (R), conveyed a similar opinion in a separate letter sent to Acosta on the same day.

MSHA’s final rule to reduce coal dust inhalation – issued in 2014 – is slated for review, according to the Department of Labor’s latest semiannual regulatory agenda, released Dec. 14.

Under the current rule, MSHA lowered the coal dust exposure limits and established sampling requirements with continuous personal dust monitors, among other changes. In 2014, a NIOSH study reported that progressive massive fibrosis among coal workers was at its highest level in 40 years.

“Given this increase in black lung disease and the devastating impact that the disease has on coal miners and their families, we believe it is critical that we maintain this rule,” wrote Manchin, Sherrod Brown (D-OH), Bob Casey (D-PA), Tim Kaine (D-VA) and Mark Warner (D-VA).

“We are also keenly aware that the rate of black lung disease fell after Congress passed the Coal Act of 1969, and that comprehensive evidence that this rule has been effective will not be fully available until 2026 at the earliest. We should not abandon our coal miners three short years after the rule went into effect.”

Capito said in her letter that she has visited black lung clinics in West Virginia and met with workers who have the illness.

“It is important that MSHA and industry leaders work together to protect the health of our miners and combat black lung disease,” Capito wrote. “I ask that you avoid any action that would reduce the protections afforded to miners under the current regulation. The health of our miners should be MSHA’s first priority as it considers any future action related to this rule.”

DOL issues updated contingency plan during government shutdown
January 23, 2018

WASHINGTON — An updated contingency plan released by the Department of Labor during the short-lived federal government shutdown could serve as a guideline should another hiatus occur next month.

This latest shutdown lasted three days – including one weekday – until Congress approved a continuing resolution on Jan. 22. The previous shutdown, which occurred in October 2013, See Government Affairs, page 5)
(Government Affairs, continued from Page 4)

spanned 17 days. The current continuing resolution is effective only through Feb. 8, which could bring more brinksmanship and have cabinet departments poised to activate their plans, if needed.

A DOL memorandum from Solicitor of Labor Kate O’Scannlain, issued Jan. 19, provides a chart – broken down by agency – of “on board” employees and those who would remain full-time if appropriations run out. Memos from other labor agencies also are included.

OSHA is slated to keep 372 of its 1,934 employees full-time in the event of a government shutdown, with some involved in five critical duties:

- Investigation of workplace fatalities and catastrophes
- Inspections of “imminent danger situations”
- Follow-up inspections of establishments with “high gravity serious violations” and no abatement
- Investigations of safety and health complaints from first responders, media or employers – in which employees may face potential exposure to serious physical harm or high risk of death
- Enforcement activities on cases in which the six-month statute of limitations is close to running out, and where employees are potentially exposed to seriously harmful or possibly fatal conditions

The OSHA memo supplies a list of other “excepted” employees, including all regional administrators and area directors.

The Mine Safety and Health Administration would keep 1,099 of its 2,054 employees on full-time duty during a shutdown, and only 14 at the national level. The agency would continue inspections of “targeted mines and specific hazards,” investigations on incidents and miners’ complaints, and sample analysis. MSHA is required by law to inspect each underground coal or other mine at least four times per year and every surface coal or other mine twice a year. Those regular inspections are known as “twos and fours.”

The agency also would require 49 regional employees to review mine plan approvals.

At the Department of Transportation, the Federal Motor Carrier Safety Administration (1,144 employees) would not have staff furloughed because their positions are “funded by other sources, including multiyear appropriations, indefinite appropriations or contract authority.”

Public Citizen sues DOL, OSHA over injury records

January 24, 2018

Washington — Public Citizen has filed a lawsuit against the Department of Labor and OSHA, alleging that the agencies illegally

violated OSHA’s Improve Tracking of Workplace Injuries and Illnesses final rule by denying requests the watchdog group submitted under the Freedom of Information Act.

According to the complaint, filed on Jan. 19, Public Citizen made separate requests for injury and illness data in October and November, citing research purposes. OSHA denied both requests in November, contending that the records were exempt from FOIA because they would “disclose OSHA’s techniques and procedures for law enforcement investigations,” a Jan. 22 press release from Public Citizen states.

The lawsuit also states that OSHA has acknowledged receipt of an FOIA request filed in December by Public Citizen, but has not taken further action within the 20 working days required by rule.

The Improve Tracking of Workplace Injuries and Illnesses final rule mandates that establishments with 250 or more workers electronically submit OSHA’s Form 300A. OSHA then would publish the information on its website.

“When OSHA issued the final rule in 2016, it said that it would publicly disclose these records to encourage safety,” Sean Sherman, attorney for Public Citizen, said in the release. “For OSHA to now claim that releasing these same records could somehow compromise law enforcement is absurd.”

The watchdog group is requesting that the court find OSHA’s actions unlawful and order the release of the records.

PHMSA, FRA announce intent to repeal rule requiring ECP brakes on rail cars

January 23, 2018

Washington — The Pipeline and Hazardous Materials Safety Administration and the Federal Railroad Administration are moving to repeal a 2015 requirement for electronically controlled pneumatic brakes on rail cars that carry large volumes of flammable liquids, according to a notice published in the Dec. 13 Federal Register.

The requirement was mandated by Section 7311 of the Fixing America’s Surface Transportation (FAST) Act. However, PHMSA and FRA state that a Regulatory Impact Analysis revealed that the benefits of the ECP braking system requirement do not justify the costs. The analysis included audits by the National Academy of Sciences’ Transportation Research Board and the Government Accountability Office. TRB stated that it was unable to make a conclusive statement about the emergency performance of ECP brakes compared with other braking systems, while GAO made costs and benefits recommendations based on the current economic environment.

(See Government Affairs, page 6)
(Government Affairs, continued from Page 5)

“This review demonstrated that the costs of this mandate would exceed threefold the benefits it would produce,” PHMSA stated in a Dec. 4 press release.

Sen. John Thune (R-SD), chair of the Commerce, Science and Transportation Committee, said in a press release that repealing the rule “puts sound science and careful study ... over flawed guesswork used in 2015.”

In contrast, Sen. Jeff Merkley (D-OR) issued a statement Dec. 6 calling oil trains “rolling explosion hazards,” adding that, “as we’ve seen all too many times, it’s not a question of ‘if’ but ‘when’ oil train derailments will occur. Degrading oil train safety requirements is a huge step backward, and one that puts our land, homes and lives at risk.”

Cal/OSHA unanimously approves standard to protect hotel housekeepers

January 25, 2018

Oakland, CA — Hospitality workers are praising the California Occupational Safety and Health Standards Board for unanimously approving a standard designed to protect housekeepers from workplace hazards.

Passed by a 5-0 vote on Jan. 18, the standard seeks to make employers more accountable for written injury prevention programs, worker training, hazard evaluations, provision of appropriate tools and personal protective equipment, incident investigation, hazard correction, and recordkeeping.

The approval rewards a multiyear lobbying effort by hospitality workers union UNITE HERE, which represents 270,000 members of the hotel, gaming, food service, manufacturing, textile, distribution, laundry, transportation and airport industries in the United States and Canada.

Hospitality housekeepers routinely lift 100-pound mattresses and push heavy carts and vacuums, according the union. Along with constant twisting, turning and bending, these activities “can lead housekeepers to suffer strain, sprain and tear injuries that can require physical therapy or even lead to permanent disability.”

“Hotel housekeepers are the invisible backbone of the hospitality industry,” Pamela Vossenas, director of worker safety and health for UNITE HERE, said in a Jan. 19 press release.

“Overwhelmingly women, immigrants and people of color, housekeepers face high rates of workplace injury. The state of California has recognized the seriousness of the dangers housekeepers face and took an important step to protect these workers.”

The standard moves to the state’s Office of Administrative Law, which is tasked with ensuring it complies with California’s Administrative Procedures Act. OAL meets quarterly, meaning the soonest the standard would go into effect is April.

To: All San Diego ASSE Chapter Members

Subject: Proposed Amendments to Chapter Bylaws

Dear Chapter Members:

This past August, ASSE members made the historic decision to change the organization’s name to the American Society of Safety Professionals.

ASSE members voted to amend Society bylaws to reflect the new name. As a separately incorporated entity, our chapter needs to hold a separate chapter member vote to change the name in our bylaws, as well.

To learn more about these proposed changes:

View the motion: https://www.asse.org/assets/1/7/San_Diego_Chapter_Bylaws_Amendment_Motions.pdf

View a copy of our chapter’s bylaws with the proposed amendments: https://www.asse.org/assets/1/7/San_Diego_Chapter_PROPOSED_By-Laws_12-2017.pdf

We will hold a member vote on these proposed changes at an upcoming meeting of the chapter on February 13, 2018.

For more information or questions, please contact your chapter President Allison Long at asse.allie@gmail.com.

Thank you!
Did You Resolve to Get Your ASP/CSP This Year?

Thinking about working on your ASP/CSP? If so, that’s outstanding and we are pulling for you! If you’d like to receive personal coaching for your ASP/CSP preparation, contact our Chapter President-elect Enrique Medina, CIH, CSP to start the ball rolling.

By becoming part of our ASP/CSP Study Group Community you will get support, advice, tips, prep course reviews, and post-test debriefing from your peers to assist you in studying for the ASP/CSP professional certification exams. This free service is open to all Chapter members, and members of allied organizations, and you can join at any time.

Enrique can be reached at: (619) 297-1469 . Or President-elect@sandiego.asse.org

Peer to Peer (P2P) Resource Directory is Available Now

Do you need help with a safety issue or question? The P2P Resource Directory can help you. SD ASSE Chapter members can now download the P2P directory matrix from the chapter website’s News tab at sandiego.asse.org/news. You will be directed to the password protected ASSE member login to download the current list.

The P2P directory lists San Diego chapter members who are willing to provide other members no fee advice on areas of their expertise as a professional courtesy. There are over 45 safety specialty categories listed. If you would like to be listed, just download the P2P registration form from the same website, complete it, and send it to chapter secretary Enrique Medina at President-elect@sandiego.asse.org. All members are welcome to sign up for the P2P.

Job-Line

By David Ferguson, CSP

Looking for a new job? Visit our job-line at http://sandiego.asse.org/current-openings/ to see current opportunities such as: Bilingual Safety Consultant; Safety and Risk Management Professional; Environmental Health and Safety Engineer; Health and Safety Manager; Health, Safety and Security Director. Check out these and other great jobs today!

Membership Chair:
by Steve Workman, CEAS

Welcome to our new members!

Juan Ridaura, CHST Member
Darrel Scholes, SMS, STSC, STS Granite Construction
Ramona Sprecco, CHST Professional Member
James Dugger, STSC Member
Mark Lundell US Navy
Dellas Salway Member
New Members North County Section:
Tifney Rey Swinerton

SAN DIEGO CHAPTER
Call for Nominations and Participation in the North County Section

Amy Leung – NC Section Chair

For those of you that attended the Chapter Holiday Luncheon, a few of our chapter officers and committee chairs shared their experiences and opportunities to grow their safety profession skills and network as they have served.

I would like to invite your consideration to also attend and contribute to the North County Section’s activities and events. We are “One chapter with two convenient locations” with the purpose of broadening outreach and access to not only our members, but also the community. With the offerings of chapter breakfast meetings, section luncheons, technical tours and the annual Professional Development Symposium and partnership with CAVO, we have something for everyone. These events do not happen on their own, but require input, feedback and efforts of our members coming forward and taking a turn at leadership, committee chairs or staying apprised of the activities and pitching in when able.

Please feel free to contact me, Vaughn Osterhout, or any of our section operating committee members to discuss your opportunities to continue and perpetuate the mission and success of both chapter and section by providing to the needs of its membership and community!

Section Operating Committee: Meetings open to San Diego Chapter membership and guests; (Only members/participants of the committee designated as North County Section Members on society membership roster will count towards number needed for a quorum or may vote on Section matters). Please contact Amy Leung, Section Chair, for the Section Operating Committee meeting schedule.

NC Section Elected Officers (2): Chairperson, Secretary/Treasurer (One year term from July 2018 to June 2019)

Section Officer Candidate Qualifications:

Candidates for Section officers shall be a Society member for one year prior to taking office; exceptions must be approved by the Chapter Executive Committee and the Area Director (Regional Vice President). However, only a Professional Member or Member may hold the office of Chairperson. Nominees must also be designated as a member of the North County Section on Society membership.

Please contact Cindy Reyes, Nominating Committee Chair at 760-694-4269 or safeinsandiego@gmail.com for details for consideration as an officer candidate for the 2018-19 term.
MONTHLY CHAPTER MEETING, FEBRUARY 13

Call Before You Dig

By Amber Dahl, Dig Alert Safety Manager

Utility damage caused by underground utility activities such as construction can cause serious worker injury or death and also catastrophic financial loss. For years, contractors have had access to FREE utility location services including Dig Alert here in southern California, yet workers are still put at risk every day!

Please join us for this discussion with Dig Alert Safety Manager Amber Dahl that will provide the details of the services that they provide and how contractors and others involved in excavation work can more effectively protect their workers through the use of the Dig Alert system.

Also at this meeting:

This past August, ASSE members made the historic decision to change the organization’s name to the American Society of Safety Professionals.

ASSE members voted to amend Society bylaws to reflect the new name. As a separately incorporated entity, our chapter needs to hold a separate chapter member vote to change the name in our bylaws, as well.

To learn more about these proposed changes:

View the motion (link to revised Motion attached) By-Law Amendment Motion

View a copy of our chapter’s bylaws with the proposed amendments (link to a copy of the Revised By Laws) Revised San Diego Chapter By-Laws. A vote on the proposed changes will be held at the February 13th breakfast meeting.

Admiral Baker Clubhouse
3604 Admiral Baker Road, San Diego, CA 92120

Registration and Breakfast begins at 7:15 a.m.
Welcome and Speaker begins at 7:30 a.m.

$15 Members* with RSVP by 2/9/2018 by 5:00 P.M.
$20 No RSVP by 2/9/2018 and for Non-Members/Guests

*Members include: ASSE, ACWJPIA, AHMP, AIHA, IHPM, RNCN, RIMS, PARMA, CPCU, PWI, WUSMA

RSVP/Registration: Please RSVP OR register with payment by credit card on the San Diego ASSE Chapter website events page using this link:

Please note: RSVPs and pre-registrations are very helpful in determining the head-count for the lunch-eon catering. Those who RSVP may still pay by check, credit card or cash at the door if preferred.

Directions: Interstate 15 to Friars Road East; left onto Santo Road (traffic light); immediate right on Admiral Baker Road; go STRAIGHT at STOP sign; pass the recreation area and part of the golf course; road curves to right at the driving range; keep going all the way to the club-house parking lot—a total of .9 miles from Santo Road.

**TREASURER’S REPORT**

The Treasurer’s Report was not available to review by the EC members present. Members may view a copy of the report upon request to our President, Allison Long.

**OLD BUSINESS**

1. **Review Minutes from November 7, 2017:** The Review/Approval of the December 5, 2017 EC Meeting Minutes was delayed to the next meeting because a quorum was not present.
2. **Professional Development Symposium (nee PDC) discussion.**
   - Chris Malicki asked that the EC members meet following the 1/9/18 breakfast meeting.
   - The thumbdrives for PDS attendees will have speaker data loaded on them.
   - We still need to purchase gifts for our guest speakers.
3. **Recap of SD ASSE Holiday Lunch**
   - Enrique Medina said the attendees brought “lots of gifts” for San Diego Youth Services.
   - Scott Simerson gave a lively short talk on being a new officer in the SD ASSE Executive Committee.
   - Service Recognition Awards were handed out and a knowledge contest held for the centerpieces.
4. **Monthly Breakfast Meeting Costs**

   - Allison revisited the idea introduced previously about eliminating Two-Tier pricing for member/non-members registering for the SD ASSE Breakfast Meetings. We can ask members to vote on the measure.

5. **SD ASSE Legal Filings:** The chapter By-Laws were completed and sent to ASSE.

**NEW BUSINESS**

1. **San Diego ASSE Safety Professional of the Year (SPY) Award:**
   - Allison Long discussed the necessity to announce the SPY to ASSE membership.
   - Enrique suggested we form a SPY committee; Fernand Kuhr to chair the committee.
   - Guidance for the SPY Award can be found in Officer Central.
2. **Sam Cahan Award:** Discussion held to change the name of the award to Sam Cahan Memorial President’s Award but a quorum was not present to vote.

**COMMITTEE REPORTS**

1. **NC Section:** Nothing to report.
2. **Programs:** Nothing to report.
3. **Membership:** Nothing to report.
4. **Public Affairs:** Nothing to report.
5. **Government Affairs:** Nothing to report.
6. **Newsletter:** Nothing to report.
7. **Website:** Enrique Medina said that ASSE member Claire Wilson volunteered to work with the Website subcommittee chair.
8. **Jobline:** Nothing to report.

See Executive Committee, page 11)
Calendar of Special Events:

February, 2018

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February 2018

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Editor’s Note: Do you have an item of interest, safety-related event, sister-organization meeting, special accomplishment or other newsworthy article that you would like to share with your fellow San Diego ASSE members? Send it to me via email no later than the 15th of the month and I will do my best to get it published. Here are some conditions: news articles, reports and other text-based submissions should be limited to a maximum of two pages, 10—12 pitch font. Artwork or graphics (flyers or posters) should be single-page, preferably in MS Word or MS Publisher format. If you are “borrowing” a news item previously published somewhere else (i.e., not your own original work), please provide the source and whether or not you have permission to reprint it. All submissions should be emailed to Newsletter@sandiego.asse.org. Please also provide your contact information, including name, email address and phone number.
The San Diego Chapter of the American Society of Safety Engineers (ASSE) is proud to announce the

2018 Professional Development Symposium

March 13, 2018
7:30 AM to 4:00 PM (registration opens at 6:45 AM)

Location: Handlery Hotel Mission Valley – 950 Hotel Circle North, San Diego

This day-long event will include presentations by eight fantastic speakers from diverse backgrounds. There will also be a vendor EXPO by many local and internationally known safety and risk control-related organizations.

Cost:
$125 per person (must register by January 31, 2018)
$150 per person after January 31, 2018
$1,000 per table of 10

Registration includes: Parking, continental breakfast, lunch, snacks & beverages throughout the day. Each registrant will also receive a USB flash drive with all of the speaker presentations.

Speakers include:*

| Dr. John Howard, MD, MPH, JD, LLM, MBA | Barbara Materna, Ph.D, CIH |
| Director, National Institute for Occupational Safety and Health (NIOSH) | Chief, Occupational Health Branch |
| California Department of Public Health |

| James Boretti, CSP | Peter Kuchinsky, CHST |
| ASSE Region 1 Regional Vice President | Risk Manager |
| State of the Region Address | Joint Powers Insurance Authority |

| Alan Nevin | Dick Monod de Froideville |
| Director of Economic and Market Research | Safety Professional |
| Xpera Group | Cal OSHA Enforcement (retired) and Instructor: California State University @ Dominguez Hills |

| Claire Wilson, Doctor of Physical Therapy | Steve Workman |
| Ergonomist | Departmental Safety Coordinator |
| Herman Miller, Inc. | San Diego County Sheriff |

*Sponsorship and Vendor EXPO opportunities (see the following pages for details)
Dr. John Howard, MD, MPH, JD, LLM, MBA
Director, National Institute for Occupational Safety and Health (NIOSH)
Keynote Speaker

Topic: The Future of Work from the NIOSH Perspective

John Howard is the Director of the National Institute for Occupational Safety and Health and the Administrator of the World Trade Center Health Program in the U.S. Department of Health and Human Services.
Dr. Howard was first appointed NIOSH Director in 2002 during the George W. Bush Administration and served in that position until 2008.
In 2009, Dr. Howard worked as a consultant with the US-Afghanistan Health Initiative. In September of 2009, Dr. Howard was again appointed NIOSH Director and was reappointed in 2015.
Prior to his appointments as NIOSH Director and WTC Health Program Administrator, Dr. Howard served as Chief of the Division of Occupational Safety and Health in the State of California’s Labor and Workforce Development Agency from 1991 through 2002.
Dr. Howard earned a Doctor of Medicine from Loyola University of Chicago; a Master of Public Health from the Harvard University School of Public Health; a Doctor of Law from the University of California at Los Angeles; and a Master of Law in Administrative Law and Economic Regulation, and a Master of Business Administration in Healthcare Management, both degrees from The George Washington University in Washington, D.C.

Barbara Materna, Ph.D, CIH
Chief, Occupational Health Branch
California Department of Public Health

Topic: OHB Role in Workplace Safety

Barbara Materna, Ph.D., CIH is the Chief of the Occupational Health Branch, in the California Department of Public Health, a position she has held for the last 15 years. Dr. Materna is a Certified Industrial Hygienist whose career in occupational health has primarily been in state and local government public health programs. Some of the worker health topics she has studied include perchloroethylene in dry cleaning, exposures to wildland firefighters, occupational lead poisoning, lung disease in flavor manufacturing workers, and aerosol transmissible diseases. She has a Ph.D. in Environmental Health Sciences from the University of California at Berkeley.
James Boretti, CSP
ASSE Region 1 RVP
State of the Region Address

Topic: State of ASSE Region #1

James Boretti, CSP, has over 30 years of experience, and an extensive background in the field of Safety & Health. James is President of Boretti, Inc., a professional SH&E firm providing a broad range of technical and business safety solutions. He has successfully consulted with a wide range of clients and industries, including healthcare, manufacturing, television, construction and agricultural environments. His efforts have resulted in measurable improved operational efficiency and productivity, lowered insurance rates, reduced claims frequency, and OSHA compliance.

James is Regional Vice President of Region I for the American Society of Safety Engineers and a frequent Society speaker. He is a Certified Safety Professional (CSP), a Professional Member of the ASSE, and member of the ASSE Code of Conduct Committee. He teaches safety courses for the University of California, Irvine, in ergonomics and sustainability / social compliance. James is well versed in ISO and other non-governmental organization (NGO) voluntary and marketplace certifications for safety, environmental, and sustainable operations.

Peter Kuchinsky, CHST
Risk Manager
Joint Powers Insurance Authority

Topic: Regulatory Update: What’s New on the Compliance Front?

Peter is the Risk Manager for Joint Powers Insurance Authority (JPIA), who’s philosophy is rooted in its mission to provide innovative risk management solutions to its members, which is demonstrated through the Authority’s many different programs and services. These solutions comprise the Authority’s strategic approach to risk management, called LossCAP, that enables members to access expertise in insurance, claims, training, litigation, contracts, governmental entity exposures, and loss control.
Speaker Summaries

**Alan Nevin**
Director of Economic and Market Research
Xpera Group

**Topic:** The Great Divide: The True Story of the Workforce in America Tomorrow

With more than 25 years in practice, Mr. Nevin is considered the “Dean of Real Estate Feasibility Research” in Southern California. His extensive background in demographics, real estate economic research, valuations, and forensic expert witness services places him among the educational and analytical leaders in his field. He was previously the Chief Economist for the California Building Industry Association. He is presently Team Director of the Market Research and Forensic Services Division of Xpera Group.

**Dick Monod de Froideville**
Safety Professional
Cal OSHA Enforcement (retired) and Instructor: California State University @ Dominguez Hills

**Topic:** Pitfalls to Avoid: Safety Management from a Former Compliance Officer’s Perspective

Dick’s primary goal is to develop organizational safety and health culture through a systems approach in the delivery of goods and services. This is accomplished by identifying, evaluating, and controlling commercial/industrial processes and human activity risk factors relative to the regulatory environment. His specialties include OSHA compliance, hazard assessment, motivation, training and mentoring.
Claire Wilson, Doctor of Physical Therapy
Ergonomist
Herman Miller, Inc.

Steve Workman
Departmental Safety Coordinator
San Diego County Sheriff

**Topic: Ergonomics From the Doctor and the Workman**

Claire Wilson earned her Doctorate of Physical Therapy from the University of St. Augustine in San Marcos, CA. Prior to joining Herman Miller, she worked on the rehabilitation side of ergonomics in an outpatient orthopedic clinic. She has treated thousands of patients with preventable work-related injuries, most frequently from the office setting. This experience sparked her interest in human factors, and she now seeks to cure ergonomic injury at the source through education and human-centered environmental design.

As a physical therapist and past yoga instructor, Claire offers insight for her clients to create spaces that increase health and happiness. She is passionate about applying her knowledge of the body and mind to bring humanity back to the work place.

Steve Workman, CEAS, holds a B.S. from National University and A.S. from Vincennes University.

Steve has been a professional member of the San Diego ASSE chapter for 19 years. In 2010 he served as Chairman of the Southwest Safety Conference and has since participated in organizing the local ASSE chapter's 2015, 16, 17 and 2018 Professional Development Conferences. He was 1st introduced to ergonomics during a 26 year career at NASSCO (Jobs included; Electrician, Human Resources, Safety Rep.). In June of 2005 Steve was hired as Human Resources / Safety Officer at COBHAM Electronics. In February of 2011 he earned designation of Certified Ergonomics Assessment Specialist (CEAS) from Back School of Atlanta. Finally, in February of 2014 he was hired as San Diego County Sheriff Office Departmental Safety Coordinator.
Sponsorship and Vendor Opportunities

**Sponsorship**

Your organization can participate as a valued sponsor at this event by sponsoring the beverage station, breakfast, lunch, or parking. Cost is $200 per sponsorship.

Included in sponsorships are verbal recognition at the event, your company logo or sign located at the sponsored item, and your logo as an event sponsor displayed on the San Diego ASSE website for a period of one year.

**Vendors**

Your organization can participate as an EXPO vendor for $400.

As a vendor, your organization will have the opportunity to display your company’s products or services and also interact and network with all of the event attendees. A number of planned breaks and “vendor” time will be provided during the event.

Included as a vendor participant you will receive:

- Parking validation (2)
- 3’ x 6’ table and two chairs in the vendor area.
- Breakfast and lunch (2).
- A reserved vendor table in the ballroom that will allow you to attend each speaker presentation.
- 30-60 seconds of stage time to introduce yourself and your organization to the group.
- Your company logo as a vendor participant displayed on the San Diego ASSE website for a period of one year.

To register as a Sponsor or Vendor, go to: [Click Here to Register Now]

*All registration will close on February 26, 2018.*

For more information about this event please contact:

Chris Malicki, SD ASSE Past President

[cmalicki@cavignac.com](mailto:cmalicki@cavignac.com)

619-718-1953
Veterans encouraged to explore post-military careers in workplace safety

1/12/2018


These are some of the qualities and characteristics of military veterans. They are also the traits of an occupational safety and health professional, which is why the American Society of Safety Engineers (ASSE) believes that military members separating from the U.S. Armed Forces should consider workplace safety as a second career. Safety professionals keep people protected by analyzing and controlling on-the-job risks and hazards. They influence all types of people from front-line workers to corporate management, and are skilled problem solvers.

“We need to bolster the pipeline of qualified candidates for occupational safety and health positions in order to improve safety management programs and further reduce work-related injuries and illnesses,” said ASSE Board member Brad Giles, P.E., CSP. “Our profession presents a great opportunity for veterans to leverage the valuable skills they have acquired in the military.”

In December, ASSE held a free webinar that detailed the advantages and methods of transitioning into a post-military career in workplace safety and health. It was attended by 30 registrants, while two dozen more viewed the webinar online afterward.

“The attendees gained valuable insights into the safety profession and learned what it takes to successfully shift into such a role,” said ASSE Board member Carl Heinlein, CSP, ARM, CRIS. “It’s a growing profession and gratifying career choice that aligns favorably with military experience.”

Surveys report that job satisfaction in the safety field is high, with 90 percent of respondents being “satisfied” or “very satisfied” with their jobs. The reasons include differing work tasks day-to-day, contributing to the welfare of others, and opportunities to earn greater responsibilities in a safety career path.

Several different roads lead to an occupational safety and health career, which requires core competencies and specific qualifications. A common path is obtaining a bachelor’s or master’s degree in safety and entering the field as a professional. Others get involved when their employer assigns them safety responsibilities, such as serving on a safety committee. Some begin their safety careers through a leadership role where they have responsibility for the welfare of their team. And others are motivated to enter the safety field after being part of a significant incident in which people were injured or killed.

“Given my military background, moving into the workplace safety field was a natural step for me,” said ASSE Region 2 Vice President Tim Page-Bottorff, CSP, CET, a senior consultant at SafetyStart who transitioned from the U.S. Marine Corps. “I felt I had a solid head start due to the skills and work ethic I developed in the Marines. It made perfect sense.”

The ASSE Foundation makes it easier to obtain the education veterans need to transition into the safety field. The Foundation will award more than $350,000 in scholarships and professional education grants this year. Awards range from $500 to $15,000. Nearly $90,000 is earmarked for students who have served in the military, thanks to donations from Applications International Corporation and United Rentals.

Active or former military members interested in learning more about pursuing a career in occupational safety and health should visit ASSE online at http://www.asse.org/military-resources/.
WASHINGTON, DC – With this week’s massive winter storm and frigid temperatures severely impacting the East Coast, the U.S. Labor Department’s Occupational Safety and Health Administration (OSHA) is urging all those involved in snow removal and cleanup to take precautions and focus on safety.

Workers performing snow removal operations may be exposed to serious hazards, including slips and falls while walking on snow and ice. Other storm recovery work hazards include being struck by vehicles, carbon monoxide poisoning from misuse of generators, hypothermia, and being injured by powered equipment.

Those working outdoors may also be at risk of cold stress, including first responders who are on duty for long periods of time. Anyone working outside for prolonged periods may experience cold stress with mild symptoms, such as shivering while remaining alert. Moderate to severe symptoms include when the shivering stops, confusion, slurred speech, heart rate/breathing slowness, and loss of consciousness. When the body is unable to warm itself, serious cold-related injuries may occur, such as frostbite.


WASHINGTON, DC – The U.S. Department of Labor’s Occupational Safety and Health Administration (OSHA) has cited Stalwart Films LLC for failing to protect employees from fall hazards while filming the television show, “The Walking Dead.”

OSHA issued a serious citation and proposed penalties totaling the maximum allowable fine of $12,675, for the company’s failure to provide adequate protection from fall hazards. OSHA investigated Stalwart’s filming location in Senoia after a stuntman was fatally injured after falling more than 20 feet.

“This tragedy should serve as a wake-up call for the entertainment industry,” said OSHA Atlanta Regional Administrator Kurt Petermeyer. “The entire industry needs to commit to safety practices for actors and stunt people involved in this type of work.”

The company has 15 business days from receipt of its citations and proposed penalties to comply, request an informal conference with OSHA’s area director, or contest the findings before the independent Occupational Safety and Health Review Commission.

Under the Occupational Safety and Health Act of 1970, employers are responsible for providing safe and healthful workplaces for their employees. OSHA’s role is to ensure these conditions for America’s working men and women by setting and enforcing standards, and providing training, education, and assistance. For more information, visit http://www.osha.gov.
Take public transit to work? Your hearing may be at risk, researchers say

Toronto — Brief episodes of intense noise exposure for city commuters — particularly those in and around public transit vehicles — could prove damaging in the long term, researchers from the University of Toronto warn in a new study.

Using a dosimeter microphone attached to a shirt collar about 2 inches away from an ear, researchers measured noise levels for different lengths of time on and around Toronto’s buses, subways and streetcars, as well as while walking, biking and driving.

On average, overall noise exposure was within acceptable levels, from 81.8 decibels for bike riders to 67.6 for drivers in a personal car. The peak noise level, however, went from 123.8 dB for bike riders to 108.6 for those in streetcars.

The peak level of noise for bus commuters exceeded 115 dB in 85 percent of the measurements. It was 20 percent for the streetcar commuters and 19.9 percent for people on the subway.

Over time, researchers said, those bursts of loud noise can add up.

“We now are starting to understand that chronic excessive noise exposure leads to significant systemic pathology, such as depression, anxiety, increased risk of chronic diseases and increased accident risk,” study author Dr. Vincent Lin, an otolaryngologist and associate professor at the University of Toronto, said in a press release. “Short, intense noise exposure has been demonstrated to be as injurious as longer, less-intense noise exposure.”

The Environmental Protection Agency states that exposure to 114 dB noises for more than four seconds can damage hearing.

“We were surprised at the overall average noise exposure commuters experience on a daily basis — especially the peak noise intensity, not only on trains but also on buses,” Lin said in the release. “Planners need to be more considerate of noise exposure in future planning of public spaces and public transit routes.”

The study was published Nov. 23 in the Journal of Otolaryngology – Head & Neck Surgery.

Poll results show gap in perception about dangers of marijuana-impaired driving

Washington — Results of a new poll highlight a gap between awareness that marijuana can cause impaired driving and the belief that its use is contributing to the rising number of fatal vehicle crashes in the United States.

The Property Casualty Insurers Association of America commissioned a Harris Poll online survey of 2,000 adults. Results show that although 91 percent of respondents believe driving while under the influence of marijuana is dangerous, and 87 percent say people who drive while high are a hazard, only 40 percent believe driving under the influence of marijuana is adding to the U.S. vehicle crash totals.

Preliminary data from the National Safety Council estimates that vehicle crash deaths in 2016 will be 14 percent higher than in 2014, and 6 percent higher than in 2015 — the highest two-year increase in 53 years.

“Driving under the influence of marijuana is extremely dangerous,” Robert Gordon, senior vice president at PCI, said in a press release. “In fact, driving under the influence of marijuana should be viewed with the same risks as drunk or distracted driving. When you’re high, it can impair your judgment, motor coordination and reaction time. We need more research, public awareness and better public policy to reduce the dangers of marijuana-impaired driving and to make our roads less dangerous.”

Eighteen states have laws prohibiting driving with marijuana present in the bloodstream. Gordon said that with today’s younger generation growing up with more liberal views of marijuana use, it is important for parents to discuss with their teens the dangers of driving while high.

The poll shows that only 31 percent of parents have talked with their kids about the hazards of driving while high. In contrast, 67 percent of parents have discussed seat belt use, 60 percent have addressed texting while driving, 54 percent have reviewed speeding and 50 percent have explained the dangers of talking on cellphones while driving.

As of September, 29 states and the District of Columbia have legalized marijuana in some form, with seven states and D.C. legalizing it for recreational use.
WHO issues first guidelines on protecting workers from nanomaterials

Geneva, Switzerland — The World Health Organization has released evidence-based guidelines intended to help protect workers from potential health hazards posed by manufactured nanomaterials. Because of their size — “materials that have at least one dimension (height, width or length) that is smaller than 100 nanometers” — manufactured nanomaterials are used in numerous industrial applications, including paints, electronics and drugs. However, with their increased use comes the need to understand how manufactured nanomaterials may affect workers who handle or work near them. Not only do the hazards need to be understood, but testing methods have to be either invented or refined, even if the nanomaterials are of the same substances used in their more familiar larger forms, WHO states. The executive summary in WHO’s guidelines concedes that “no long-term adverse health effects in humans have been observed,” and recommendations for safety and health must be based on results of in vitro and animal exposures to nanomaterials during, for example, air pollution. The guidelines’ underlying principle is precaution — that exposure to nanomaterials should be reduced regardless of uncertainties about any negative long-term health effects. Best practices include:

- Grouping nanomaterials into manufactured nanomaterials by specific toxicity, manufactured nanomaterials that are fibers and manufactured nanomaterials that are granular biopersistent particles
- Educating and training workers on health and safety factors specific to manufactured nanomaterials
- Involving workers in all aspects of risk assessment and control

WHO anticipates a surge in research of manufactured nanomaterials and has proposed updating the guidelines in 2022.

Platinum group metals: Association releases guide on protecting workers

Munich — The International Platinum Group Metals Association has released a guide intended to improve safety for workers who are exposed to platinum group metals. Also known as “the noble metals” because of their resistance to chemical attack, PGMs – platinum, palladium, ruthenium, rhodium, iridium and osmium – are used to help make bulk and specialty chemicals and industrial products, aid in controlling vehicle exhaust pollution, and assist in the treatment of cancer and heart disease, IPGMA states.

According to the association, workers in industrial settings who are exposed to certain compounds of platinum known as complex halogenated platinum salts are at risk for respiratory sensitization, also called platinum salt sensitivity. Noting that “most PGMs are integral to the workplaces in which they are used, and typically cannot be eliminated or readily substituted,” the guide emphasizes control measures and the design of health and safety programs to protect exposed workers.

They include:

- Medical monitoring of workers, from preplacement tests to diagnosis and investigation of platinum salt sensitivity, as well as management of workers diagnosed with PSS
- Ensuring a safe workplace with sampling best practices, air monitoring frequency and equipment, analysis of samples, and recordkeeping
- Exposure reduction practices such as worker training, proper personal protective equipment choices, containment and work processes

The guide also includes information on exposure limits for PGM substances, chemical Safety Data Sheets, chemical labeling requirements and hazard communication systems.

According to a 1978 Centers for Disease Control and Prevention occupational health guideline, short-term exposure to soluble platinum salts can cause irritation of the eyes, nose and throat, while long-term exposure may result in skin and respiratory allergies.
Embassy Suites by Hilton Anaheim South
11767 Harbor Boulevard,
Garden Grove, California, 92840

Thursday, February 8

Who Should Attend?
The program is designed for industrial, government, and military personnel who are involved in, or responsible for hearing conservation and the dispensing of hearing protection devices. Attendees normally include: industrial hygienists, health and safety personnel, nurses, audiologists, consultants, engineers, medical staff.

Applicants should possess a basic understanding of noise measurement terminology and existing noise legislation, although attendance is open to all who are interested.

Course Description
Administration of a comprehensive and effective hearing conservation/hearing loss prevention program consists of more than merely purchasing and dispensing hearing protectors. Audiometric testing, education and motivation, and program evaluation are but a few of the additional important aspects of an overall program. This seminar will review these issues and others in a practical and realistic manner, providing state-of-the-art recommendations to ensure protection of the worker and compliance with the law.

Emphasis will be placed upon an understanding of how hearing protectors function, how they are tested and rated, how they perform in the real world, and how they affect employees’ ability to function on their jobs.

Commercially available products will be discussed with respect to their performance and selection, fit, use, and care. New evidence supporting the benefits of individual fit testing will be presented.

Attendees will learn about best practices for monitoring the hearing health of noise-exposed workers, effective use of audiometric test data, identification of standard threshold shifts (STS), and determination of work-relatedness. The importance of worker training and motivation will be emphasized along with interactive techniques that can be used to make annual training programs more engaging and memorable.

Materials Provided
Attendees will receive handouts of the presentations and a list of useful resources. Flash drives with additional material will be available.

Continuing Education
Requirements
Full-day attendance and completion of a course evaluation form is required.

This program offers up to 6.5 contact hours (1.0 CEU) from the Centers for Public Health Education and Outreach of participation in a structured continuing education experience under responsible sponsorship and qualified instruction.

Participants are expected to claim contact hours only for actual time spent in this learning activity. This activity is co-provided by the University of Minnesota School of Public Health.

This program is designed to meet the criteria for ABOHN recertification

This program has been designed to meet the criteria for 1.0 COC as specified by the Board of Certified Safety Professionals.

This program contains 6.5 hours of technical content which can be claimed for ABIH CM credit (1.0 CM Point).

Registration
Register online at: www.3m.com/hearingseminars.

Enrollment is limited. Acknowledgement of your registration will be made. We recommend you submit your registration promptly. For more information contact Kelli Betz 651 331-0455
k5betz@mmm.com

Please let us know in advance if you have special needs or require an assistive listening device.

This Hearing Seminar is offered at no cost to attendees. Expenses, including breaks and lunch, are paid by 3M (a $300 value!). To adequately plan for food and material costs of our attendees, we ask that you only register for seminars that you are able to attend. Should a need for cancellation arise, notify us as soon as possible, so that others may attend in your absence.
### Program

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<th>Session</th>
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<tbody>
<tr>
<td>7:30 AM</td>
<td>Registration</td>
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<tr>
<td>8:00 AM</td>
<td>Hearing Loss Prevention - The Big Picture</td>
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<tr>
<td>8:30 AM</td>
<td>Hearing Protector Testing, Rating, and Performance</td>
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<td>9:30 AM</td>
<td>Break</td>
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<tr>
<td>9:45 AM</td>
<td>Selection, Fitting and Care of HPDs</td>
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<td>10:30 AM</td>
<td>Break</td>
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<tr>
<td>10:45 AM</td>
<td>An ounce of prevention: A Best Practices Approach</td>
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<tr>
<td>11:30 AM</td>
<td>Standard Threshold Shift: Friend or Foe?</td>
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<tr>
<td>12:15 PM</td>
<td>Complimentary buffet luncheon</td>
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<tr>
<td>1:15 PM</td>
<td>Communicating in Noise</td>
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<td>2:00 PM</td>
<td>Recordable Hearing Loss and Determining Work-Relatedness Definitions and Factors in determining work related hearing loss including contribution of non-occupational exposures, and examples of case studies.</td>
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<td>2:45 PM</td>
<td>Break</td>
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<tr>
<td>3:00 PM</td>
<td>Ear-S-On Training</td>
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<tr>
<td>4:00 PM</td>
<td>Course Evaluation and Continuing Education Certificates</td>
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### Faculty

**Laurie Wells, Au.D.**
Laurie Wells is a board-certified audiologist and Regulatory Affairs Specialist for 3M Personal Safety Division. She received her Master’s degree from University of Arizona and her clinical doctorate degree from Salus University School of Audiology. Laurie is a Certified Professional Supervisor of the Audiometric Monitoring Program®. She provided audiology review, audiometric database analysis, assessment of hearing protection devices, employee/employer education, and employee noise exposure assessment for hearing conservation programs both large and small. Laurie is Chair of the Council for Accreditation in Occupational Hearing Conservation (CAOHC) and as a Certified Course Director has taught numerous CAOHC courses, graduate audiology courses, and made frequent presentations at professional conferences. Laurie is past-president of the National Hearing Conservation Association (NHCA), and served on the NHCA board from 1999-2007. She has been awarded both the Michael B. Threadgill Award and the Outstanding Speaker award by the NHCA. She is a member of the Acoustical Society of America, American Academy of Audiology, American Industrial Hygiene Association (AIHA), American Speech-Language-Hearing Association, and Colorado Academy of Audiology.

**Ted Madison, M.A., CCC-A**
Ted Madison is a Technical Service Specialist for the 3M Personal Safety Division providing technical support, education and training in hearing loss prevention and hearing protection. He received a Master’s degree in Audiology from The University of Iowa in 1984. Ted is a CAOHC-certified course director at the Midwest Center for Occupational Health and Safety at the University of Minnesota. The National Hearing Conservation Association (NHCA) awarded Ted with Michael Beall Threadgill Award for outstanding leadership and distinguished service in 2008 and its Outstanding Lecture Award in 2002. He is a Past President of NHCA, a certified member of the American Speech-Language-Hearing Association (ASHA), a fellow of the American Academy of Audiology (AAA), and a representative of the American Industrial Hygiene Association (AIHA) to the ANSI S3 Biocoustics committee. When time allows, Ted brings his passion for hearing loss prevention into the classroom as a Dangerous Decibels™ educator, teaching young people about the joys of hearing and encouraging them to make healthy hearing choices.

### Relevant financial and nonfinancial relationships:

**Ted Madison, Instructor, employed by 3M**

**Laurie Wells, Instructor, employed by 3M.**
Disclosure: Financial - Regulatory Affairs Specialist at 3M, a manufacturer of hearing protection products. Salary and travel expenses are paid by 3M. Non-financial - No relevant nonfinancial relationship exists.
PRODUCT SAFETY RECALLS:

1. HP Recalls Batteries for Notebook Computers and Mobile Workstations Due to Fire and Burn Hazards https://batteryprogram687.ext.hp.com/

2. Comfort Research Recalls Bean Bag Chair Covers Due to Risks of Entrapment, Suffocation to Children http://comfortresearch.com/safetyrecalls/

3. Skip Hop Recalls Convertible High Chairs Due to Fall Hazard https://www.cpsc.gov/Recalls/2018/Skip-Hop-Recalls-Convertible-High-Chairs-Due-to-Fall-Hazard


7. VTech Recalls Lights & Lullabies Travel Mobiles Due to Injury Hazard https://www.vtechkids.com/support/support_form.


15. Western Gas Recalls to Inspect Propane Gas Due To Fire and Burn Hazards https://www.cpsc.gov/Recalls/2018/Western-Gas-Recalls-to-Inspect-Propane-Gas-Due-To-Fire-and-Burn-Hazards


18. HealthPostures Recalls IntimateRider Chair and RiderMate Bench Due to Fall Hazard https://www.cpsc.gov/Recalls/2018/HealthPostures-Recalls-IntimateRider-Chair-and-RiderMate-Bench-Due-to-Fall-Hazard-Recall-Alert
U.S. DOT National Highway Traffic Safety Administration Vehicle Recalls

NHTSA Recall ID Number : 17V805
Manufacturer : Honda (American Honda Motor Co.)
Subject : Fuel Tank Welds Missing Causing Fuel Leak

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NHTSA Recall ID Number : 17V812
Manufacturer : Ducati North America
Subject : Front Brake Master Cylinder Failure

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<td>2015-2018</td>
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NHTSA Recall ID Number : 17V820
Manufacturer : Chrysler (FCA US LLC)
Subject : Seat Heaters May Overheat

<table>
<thead>
<tr>
<th>Make</th>
<th>Model</th>
<th>Model Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>DODGE</td>
<td>DAKOTA</td>
<td>2005</td>
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</table>

NHTSA Recall ID Number : 17V821
Manufacturer : Chrysler (FCA US LLC)
Subject : Vehicle May Rollaway

<table>
<thead>
<tr>
<th>Make</th>
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<th>Model Years</th>
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<tbody>
<tr>
<td>RAM</td>
<td>1500</td>
<td>2009-2017</td>
</tr>
<tr>
<td>RAM</td>
<td>2500</td>
<td>2010-2017</td>
</tr>
<tr>
<td>RAM</td>
<td>3500</td>
<td>2010-2017</td>
</tr>
<tr>
<td>RAM</td>
<td>4500</td>
<td>2011-2017</td>
</tr>
<tr>
<td>RAM</td>
<td>5500</td>
<td>2011-2017</td>
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</table>

NHTSA Recall ID Number : 17V822
Manufacturer : Volkswagen Group of America, Inc.
Subject : Curtain Air Bag May Not Deploy Properly/FMVSS 226

<table>
<thead>
<tr>
<th>Make</th>
<th>Model</th>
<th>Model Years</th>
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<tbody>
<tr>
<td>AUDI</td>
<td>A5</td>
<td>2018</td>
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</table>

NHTSA Recall ID Number : 17V823
Manufacturer : Chrysler (FCA US LLC)
Subject : Contaminated Brake Fluid may Affect Braking

<table>
<thead>
<tr>
<th>Make</th>
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<tbody>
<tr>
<td>ALFA ROMEO</td>
<td>GIULIA</td>
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<tr>
<td>ALFA ROMEO</td>
<td>STELVIO</td>
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U.S. DOT National Highway Traffic Safety Administration Vehicle Recalls

NHTSA Recall ID Number: 17V831
Manufacturer: Toyota Motor Engineering & Manufacturing
Subject: Incorrect Load Information on Label/FMVSS 110

<table>
<thead>
<tr>
<th>Make</th>
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<tbody>
<tr>
<td>LEXUS</td>
<td>GX460</td>
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<tr>
<td>TOYOTA</td>
<td>4RUNNER</td>
<td>2017-2018</td>
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<tr>
<td>TOYOTA</td>
<td>HIGHLANDER</td>
<td>2018</td>
</tr>
<tr>
<td>TOYOTA</td>
<td>RAV4</td>
<td>2018</td>
</tr>
<tr>
<td>TOYOTA</td>
<td>SIENNA</td>
<td>2017</td>
</tr>
<tr>
<td>TOYOTA</td>
<td>TACOMA</td>
<td>2017</td>
</tr>
<tr>
<td>TOYOTA</td>
<td>TUNDRA</td>
<td>2017-2018</td>
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NHTSA Recall ID Number: 17V834
Manufacturer: Maserati North America, Inc.
Subject: Fuel Leakage Within The Engine Compartment

<table>
<thead>
<tr>
<th>Make</th>
<th>Model</th>
<th>Model Years</th>
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</thead>
<tbody>
<tr>
<td>MASERATI</td>
<td>GHIBLI</td>
<td>2018</td>
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<tr>
<td>MASERATI</td>
<td>QUATTROPORTE</td>
<td>2018</td>
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NHTSA Recall ID Number: 17V814
Manufacturer: Ford Motor Company
Subject: Vehicle May Roll Away/FMVSS 102, 114

<table>
<thead>
<tr>
<th>Make</th>
<th>Model</th>
<th>Model Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>FORD</td>
<td>MUSTANG</td>
<td>2018</td>
</tr>
</tbody>
</table>

NHTSA Recall ID Number: 17V816
Manufacturer: Mercedes-Benz USA, LLC.
Subject: Door May Not Lock/ FMVSS 206

Make | Model | Model Years |
-----|-------|-------------|
MERCEDES BENZ | G550 | 2017 |

NHTSA Recall ID Number: 17V828
Manufacturer: Mercedes-Benz USA, LLC.
Subject: Incorrect Tire Label on B-Pillar/FMVSS 101

Make | Model | Model Years |
-----|-------|-------------|
MERCEDES BENZ | GLE550E | 2016-2017 |
### NHTSA Recall ID Number: **17V824**

**Manufacturer:** Chrysler (FCA US LLC)

**Subject:** Fire Extinguisher May Be Clogged or Inoperable

<table>
<thead>
<tr>
<th>Make</th>
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<th>Model Years</th>
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</thead>
<tbody>
<tr>
<td>CHRYSLER</td>
<td>PACIFICA</td>
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<tr>
<td>CHRYSLER</td>
<td>TOWN AND COUNTRY</td>
<td>2014-2016</td>
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<tr>
<td>DODGE</td>
<td>CALIBER</td>
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<td>DODGE</td>
<td>CHALLENGER</td>
<td>2009</td>
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<td>DODGE</td>
<td>CHARGER</td>
<td>2016</td>
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<td>DODGE</td>
<td>DART</td>
<td>2015-2016</td>
</tr>
<tr>
<td>DODGE</td>
<td>DURANGO</td>
<td>2004</td>
</tr>
<tr>
<td>DODGE</td>
<td>GRAND CARAVAN</td>
<td>2014-2016</td>
</tr>
<tr>
<td>DODGE</td>
<td>JOURNEY</td>
<td>2014</td>
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<tr>
<td>JEEP</td>
<td>CHEROKEE</td>
<td>2014-2016</td>
</tr>
<tr>
<td>JEEP</td>
<td>COMPASS</td>
<td>2017</td>
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<td>JEEP</td>
<td>PATRIOT</td>
<td>2011</td>
</tr>
<tr>
<td>RAM</td>
<td>1500</td>
<td>2012, 2015</td>
</tr>
<tr>
<td>RAM</td>
<td>2500</td>
<td>2013-2018</td>
</tr>
<tr>
<td>RAM</td>
<td>3500</td>
<td>2012-2018</td>
</tr>
<tr>
<td>RAM</td>
<td>4500</td>
<td>2012-2018</td>
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<tr>
<td>RAM</td>
<td>5500</td>
<td>2012-2018</td>
</tr>
<tr>
<td>RAM</td>
<td>PROMASTER</td>
<td>2014-2017</td>
</tr>
<tr>
<td>RAM</td>
<td>PROMASTER CITY</td>
<td>2015-2017</td>
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### NHTSA Recall ID Number: **17V818**

**Manufacturer:** Mercedes-Benz USA, LLC.

**Subject:** Air Bag Nondeployment or Incorrect Deployment

<table>
<thead>
<tr>
<th>Make</th>
<th>Model</th>
<th>Model Years</th>
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</thead>
<tbody>
<tr>
<td>MERCEDES BENZ</td>
<td>AMG GT</td>
<td>2017</td>
</tr>
<tr>
<td>MERCEDES BENZ</td>
<td>AMG GT C ROADSTER</td>
<td>2017</td>
</tr>
<tr>
<td>MERCEDES BENZ</td>
<td>AMG GT ROADSTER</td>
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<tr>
<td>MERCEDES BENZ</td>
<td>AMG GT S</td>
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### NHTSA Recall ID Number: **17V819**

**Manufacturer:** Mercedes-Benz USA, LLC.

**Subject:** Insufficient Low Beam Illumination/FMVSS 108

<table>
<thead>
<tr>
<th>Make</th>
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</thead>
<tbody>
<tr>
<td>MERCEDES BENZ</td>
<td>GLC300</td>
<td>2016-2017</td>
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<tr>
<td>MERCEDES BENZ</td>
<td>GLC43 AMG</td>
<td>2016-2017</td>
</tr>
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</table>

### NHTSA Recall ID Number: **17V837**

**Manufacturer:** Nissan North America, Inc.

**Subject:** Inflator Component may Detach/FMVSS 214, 226

<table>
<thead>
<tr>
<th>Make</th>
<th>Model</th>
<th>Model Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>NISSAN</td>
<td>VERSA NOTE</td>
<td>2018</td>
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</table>

### NHTSA Recall ID Number: **18V022**

**Manufacturer:** Ford Motor Company

**Subject:** Passenger Frontal Air Bag Inflator May Explode

<table>
<thead>
<tr>
<th>Make</th>
<th>Model</th>
<th>Model Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>FORD</td>
<td>RANGER</td>
<td>2006</td>
</tr>
</tbody>
</table>

### NHTSA Recall ID Number: **18V023**

**Manufacturer:** Ford Motor Company

**Subject:** Driver Side Air Bag Inflator May Explode

<table>
<thead>
<tr>
<th>Make</th>
<th>Model</th>
<th>Model Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>FORD</td>
<td>RANGER</td>
<td>2006</td>
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</table>
HELPFUL LINKS AND OTHER INFORMATION

American Industrial Hygiene Association: http://www.aiha.org/
American Red Cross: http://www.redcross.org/
American Society of Safety Engineers Main Website: http://www.asse.org/
ASSE Body of Knowledge: http://www.safetybok.org/
ASSE Risk Assessment Institute http://www.oshrisk.org/
ASSE Center for Safety and Health Sustainability http://www.centershs.org/
California Division of Occupational Safety and Health (DOSH), (Cal/OSHA): http://www.dir.ca.gov/dosh/
Center for Disease Control and Prevention (CDC): http://www.cdc.gov/
Environmental Protection Agency (EPA): http://www.epa.gov/
FEMA “Be Ready” Website: http://www.ready.gov/
Mine Safety and Health Administration (MSHA): http://www.msha.gov/
National Institute of Health Sciences (NIH): http://www.niehs.nih.gov/
National Institute of Occupational Safety and Health (NIOSH): http://www.cdc.gov/niosh/
Occupational Safety and Health Administration (OSHA) Main Website: https://www.osha.gov/
pSearch=
San Diego ASSE Website: http://sandiegoasse.org/
US Chemical Safety Board (CSB): http://www.csb.gov/