



Fall 2017

Editor: Susie Vader

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Please send comments and articles to [susievader@gmail.com](mailto:susievader@gmail.com)

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# Snake River Chapter Newsletter

<http://snakeriver.asse.org>

[snakeriverasse@gmail.com](mailto:snakeriverasse@gmail.com)

## The 2017 flood response highlighted in our September meeting

Crash Marusich, CEM, with Ada County Emergency Management, shared some behind-the-scenes insight on the 2017 Ada County flood operations. 2017 was a bad flood year in Ada County. In Boise we had a record snow depth of 15 inches and a total of 35.5 inches of snow between October 1 and January 31. We had 39.1 inches total snowfall (which is the third snowiest season) and it was on the ground for 52 consecutive days!

February, March, and April precipitation were all well above normal in Boise Basin above the reservoirs. Our three reservoirs hold 950,000 acre feet of water and we had about 3.5 times that amount in snowpack. Interestingly, Boise is the closest community of our size to a dam. Anderson Ranch and Arrowrock dams were built by the Bureau of Reclamation for irrigation, while Lucky Peak serves flood control, recreation and irrigation needs. These conflicting need complicated flood management.

Spring runoff was ~250% of normal in February, ~350% in March, and ~175% of normal in April and May.

*2017 Flooding continued on page 4*

## Upcoming Meetings

Executive Committee Meeting	
<b>11-6-17; 11:30-12:30</b> Café Ole, Milwaukee St., Boise	Please confirm date and location with <a href="mailto:snakeriverasse@gmail.com">snakeriverasse@gmail.com</a>
Chapter Meetings	Technical Session
<b>11-21-17: 11:30 to 1:00</b> Idaho Pizza Co. 6724 N Glenwood St, Boise RSVP: <a href="mailto:snakeriverasse@gmail.com">snakeriverasse@gmail.com</a>	<b>Nuclear Weapons Safety</b> by Jon Turnipseed
<b>December 2017</b>	<b>No Meeting. Happy Holidays!</b>
<b>1-16-18: 7:15am to 8:30am</b> Albertsons Office, BSSC Trng Rm 3 250 E Parkcenter Blvd, Boise RSVP: <a href="mailto:snakeriverasse@gmail.com">snakeriverasse@gmail.com</a>	<b>ATV Safety</b> by Sondra Lavoie
<b>2-20-18: 11:30 to 1:00</b> Idaho Pizza Co. 6724 N Glenwood St, Boise RSVP: <a href="mailto:snakeriverasse@gmail.com">snakeriverasse@gmail.com</a>	<b>Using Self Assessments To Cost Effectively Improve Your Safety Program</b> by Jason Barry
<b>3-20-18: 6:30 pm to 8:30 pm</b> No host bar at 6:00. Sockeye Grill, 3019 N Cole Rd, Boise RSVP: <a href="mailto:snakeriverasse@gmail.com">snakeriverasse@gmail.com</a>	<b>TBD</b>

## Chapter News

### Apply for grants and scholarships before December 1!

Would you like to attend a safety training course, buy study materials, attend the PDC, or need help with school costs? A record \$350,000 is available to occupational safety and health students and professionals!

And, Snake River Chapter members have a good chance due to generous donations to the recently created Willie Piispanen Professional Education Grant and the Region II Willie Piispanen Scholarship.



Professional education grants are available to OS&H professionals looking to further their careers and can be used for professional seminars and conferences, certification prep courses, college coursework, certification fees, or other safety-related needs. However, grants cannot be used for travel or lodging expenses. Students may be eligible for a grant if they are enrolled part-time and currently working in an OS&H or related field.

Scholarships are available to graduate and undergraduate students, including full-time, part-time and international students studying in the United States. Applicants must be enrolled in an occupational safety or related degree program and have a grade point average of 3.0 for undergraduates and 3.5 for graduates.

More information is available on the Foundation's Scholarships and Grants page (<http://foundation.asse.org/scholarships-and-grants>). Be sure to check out the Frequently Asked Questions (<http://foundation.asse.org/faq.php>) for important information. Applications must be completed online, and candidates complete only a single form to be eligible for all available awards. Winners will be notified in April. Questions can be directed to the ASSE Foundation by emailing [assingassefoundation@asse.org](mailto:assingassefoundation@asse.org) or calling 847.699.2929.

Get your applications in now! Don't miss this great opportunity!

## Learn about nuclear weapons safety at our November lunch meeting!

November's talk will cover a topic now frequently being discussed in the national news — nuclear weapons and ICBMs. It will cover the basics of how nuclear weapons are designed to make them "safe" and about the control process, which authorizes the use of nuclear weapons. Although there have been several "accidents" involving nuclear weapons over the past 70 years, due to prevention through design practices there has never been an accidental nuclear detonation. The detailed, but quickly responsive, Command and Control System used by United States ensures that unauthorized use of nuclear weapons is prevented. Jon worked many years in the underground ICBM silos, both as an enlisted technician and as an actual launch officer. He also worked several years in Nuclear Surety (safety and security) before retiring from US Air Force as a Major.

When: November 21, 2017; 11:30 to 1:00

Where: Idaho Pizza Co., 6724 N. Glenwood St., Boise

Please bring a friend and join us! Please RSVP at [snakeriverasse@gmail.com](mailto:snakeriverasse@gmail.com).

## Upcoming Meetings: 2018

The Snake River Chapter typically meets on the third Tuesday of each month on an alternating schedule as shown below. Meeting locations are announced through e-mails, the newsletter, and the website. Members are responsible for purchasing their own meals.

Executive Committee Meetings: The EC typically meets the first Monday of every month from 11:30-12:30. Please confirm location and date at [snakeriverasse@gmail.com](mailto:snakeriverasse@gmail.com).

Breakfast Meetings (7:15-8:30am)	Lunch Meeting (11:30am-1pm)	Evening Meetings (6:30-8pm)
January 16, 2018	February 20, 2018	March 20, 2018
April 17, 2018	May 15, 2018	June 19, 2018
July - No Meeting	August 21, 2018	Sept. 18, 2018
October 16, 2018	Nov. 20, 2018	Dec.- No Meeting

## Long-time safety advocate Willie Piispanen passed

Our very dear friend, colleague, and long time member Willie Piispanen, CSP, CIH, CEA, CMIOASH, passed away September 16 after a valiant battle with a brain tumor.

Willie worked 39 years in the environmental health and safety fields designing and managing safety and research programs worldwide and training thousands in safety and industrial hygiene. He worked tirelessly for our chapter and Region II, serving on the board, organizing conferences, CSP prep courses, and safety and health initiatives. Most importantly, he spent his life inspiring, mentoring, and helping others build their safety careers.



Willie receives award in 2016 for his work coordinating Safety Fest.

To continue his model Snake River Chapter set up the Willie Piispanen Professional Education Grant through the ASSE Foundation. These grants will help members of all ages pursue their safety career and can be used for professional seminars and conferences, certification prep courses, supplementary college coursework, certification fees, or other safety-related needs. Donations are tax-deductible and donors of \$100 or more will be recognized by the Foundation on the published Donor List and invited to the annual Donor Reception at the PDC. Please donate via the website at

<http://foundation.asse.org/donate> and specify that it is for the Willie Piispanen Professional Education Grant or send a check (noting it is for the Willie Piispanen Professional Education Grant) to:  
ASSE Foundation  
520 N. Northwest Highway  
Park Ridge, IL 60068-2538

Region II of ASSE has also renamed their scholarship to the Willie Piispanen, CSP, Scholarship. This scholarship will help eligible students in Region II of ASSE continue with their safety education. You can donate to the scholarship at <http://foundation.asse.org/donate> or by mailing in your check to the above address.

## Stevenson blew away the haze at October meeting

Rob Stevenson from Drug Free Idaho presented “Blow Away the Haze” at our October breakfast meeting. Rob shared what Drug Free Idaho does for the community in substance abuse prevention programs and helping set up drug free workplaces. He noted that there are ~23 million illicit drug users in the U.S. and that marijuana and prescription medication abuse are on the rise.

Interestingly, food services employees are the largest abusers, followed by construction workers. Not surprisingly, drug users are more likely to be involved in thefts from jobsites and also in accidents, often hurting others. Rob talked about problems in Colorado, where pot is legal, and shared a new report (posted on the Drug Free Idaho website) describing the impacts of the legalization. One chart shows traffic fatalities where operator tested positive for pot. In 2006 6.92% of the traffic deaths were marijuana-related when an operator tested positive and in 2016 that level rose to 24.18% (see chart)!

### Percent of All Traffic Deaths that were Marijuana-Related when an Operator Tested Positive for Marijuana



SOURCE: National Highway Traffic Safety Administration, Fatality Analysis Reporting System (FARS), 2006-2011 and Colorado Department of Transportation 2012-2016

Prescription drugs, particularly benzodiazepines (e.g., Xanax and Valium) are very common in the workplace. Abusers of these drugs may appear drunk with slurred speech. Stimulants are common among young people and users will appear excitable, fidgety, and jumpy. Users of narcotics and painkillers will have constricted pupils, while meth and cocaine will make pupils large. Pupils are a very good indicator because the eyes can't lie.

Rob stressed that all drugs are gateway drugs. For more information, go to [www.drugfreeidaho.org](http://www.drugfreeidaho.org).

## 2017 Flooding *continued from page 1*

The Boise River flood stage is 7000 cubic feet per second (cfs) measured at Glenwood Bridge. It was above flood stage for 100 days (a record since completion of Lucky Peak) and above 8000 cfs for 81 days. Maximum inflow was 24,000 cfs and the maximum flow through town was 9600 cfs. All this water raised havoc with the river banks.

On March 27 Ada County activated the Emergency Operations Center and on March 28 the county declared a disaster. Twenty organizations and jurisdictions participated in the effort over the next 100+ days. In addition to everything else, they distributed 81,000 sandbags.

Crash described a few of the trials they dealt with. The Plantation Island bridge had to be removed due to extensive shore erosion and they worried that it would either park itself there or lodge itself against the Glenwood Bridge, causing further problems.



At the Sunroc gravel pit at the head of Eagle Island one of the pits started filling with water. If the pit wall gave way, the entire river could have diverted down the south channel, causing major flooding. To complicate matters, the West Boise Waste Water Treatment Plant lies directly downstream. The Army Corps of Engineers built 4400 feet of barrier, and Aire built a flood diversion water-filled tube. Muscle walls filled with water were also set up and a disaster was avoided.

ACHD built flood diversion walls to protect their traffic operations, Barber Park used 86 super sacks to divert water into a riparian area, 150 super sacks were used to stabilize Veterans' Pond, and pulling trees out of the river was a constant battle. Zoo Boise had a major plan for evacuation. However, they soon realized that the giraffes in trailers would be taller than underpasses, so they decided to defend the zoo with 1750 feet of muscle wall.

One of the more difficult situations was Riviera Estates off Artesian and Hatchery roads near Linder Road. Of the 44 mobile homes flooding, only one was inside the identified

flood plain. The park relied on wells and septic tanks that were flooding, making surface and groundwater quality unknown. A mandatory evacuation was issued for health reasons.

In Garden City a tree in the river caused flooding of salvage yard, storage yard, and a trailer park. Over 100 volunteers from LDS Charities put up a wall 300 yards long with 1600 sandbags to push the water back into the river.

Crash provided valuable insight into all the nuances that go into managing floods and everyone left with a new respect for our emergency management operations.

## August meeting was a gas!

Basic Gas Safety was the topic shared by Monty Hall from Intermountain Gas at our August lunch meeting. Monty explained where natural gas comes from and how it is extracted. Once it is cleaned of impurities it is odorless, colorless, tasteless, non-toxic and nonpoisonous. If you breathe it, you wouldn't die from being poisoned, but from suffocation. They add Mercaptan so that people can smell the presence of natural gas.

Monty explained that service lines now have to have an excess flow valve (EFV) to automatically shut off the gas flow if service line is ruptured. If you break or damage a line, call 208 377 6840 or call 911, depending on threat. Don't turn valves, just evacuate.



Monty explained how the pressure is regulated throughout the system and then described the LNG process. Because transporting natural gas by pipeline is expensive, they liquefy it by cooling it. The LNG plant in Nampa can hold 7.3 million gallons at -260 degrees Fahrenheit. The LNG can then be shipped and transferred to regasification plant where it is heated and then piped to its final use.

Monty stressed the importance of calling Intermountain Gas if you smell gas. If you are in your house, don't turn anything on or off. Grab your cell phone, leave the house, and call from a safe distance (where you cannot smell it). He brought this message home with some spectacular videos. Finally, he reminded us to all call 811 (Dig Line) before you have to call 911.

## ASSE News

### Name change passed!

ASSE members passed the proposed organizational name change to the American Society of Safety Professionals (ASSP) with 74% in favor and 26% opposed. The new name and brand will be implemented at Safety 2018, June 3-6, in San Antonio, TX, with the launch of our new website. Until then, the organization will conduct business as usual as the American Society of Safety Engineers (ASSE).

Please contact [brandfeedback@asse.org](mailto:brandfeedback@asse.org) with any questions.

## SH&E News

### Trenching safety symposium webinar available online



Now available online is a video of the June 27, 2017, Trench Safety Symposium webinar conducted by representatives from the National Utility Contractors Association, OSHA, and the University of Texas at Arlington. The symposium focused on ways to prevent trenching and excavation hazards in the construction industry. Visit OSHA's [trenching and excavation webpage](#) for more information on working safely in trenches.

### OSHA revises publications webpage

OSHA redesigned their publications webpage to better engage its audiences and improve functionality. New and popular publications for specific industries or hazards are

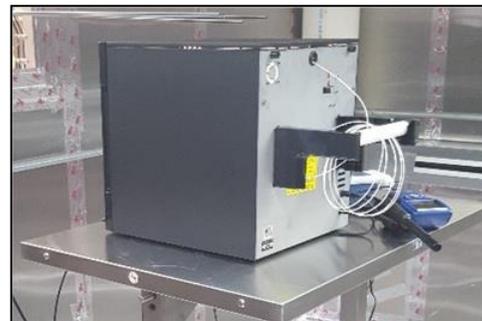


now easier to download and order. The webpage is formatted for all devices and platforms, from desktop monitors to smartphones. Check it out at <https://www.osha.gov/pls/publications>.

### 3-D and laser printer emissions compared

Source: NIOSH Research Rounds, Vol 3, No.2 (August 2017)  
<https://www.cdc.gov/niosh/research-rounds/resroundsv3n2.html#a>

*Using the test chamber, researchers found that 3-D printers emit 14 chemicals that laser printers do not.*



With the growing popularity of 3-D printers in the workplace, it is important to understand and address their potential effects on indoor air quality. In fact, all printers, including the older laser printers, emit chemicals into the air.

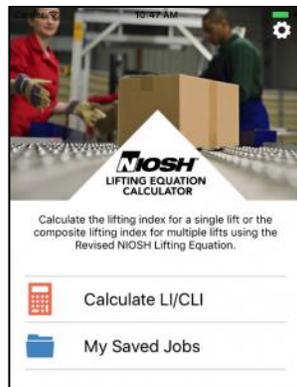
At NIOSH, researchers study emissions from various types of printers to find ways to prevent exposure to workers. A previous study by NIOSH and university researchers found that using the manufacturer-supplied cover on the 3-D printer decreased the amount of emissions containing ultrafine particles by two times, but the levels were still high.

The current [study](#), published in the *Journal of Occupational and Environmental Hygiene*, measured printer emissions using a specially designed stainless steel chamber that can be set to simulate realistic office conditions in terms of temperature and humidity. Researchers tested the most commonly used type of desktop 3-D printer, called the FDM, and two models of black and white laser printers. For the 3-D printers, the researchers printed a hair comb using one of two types of plastic filaments. The printing time for each comb was about 14 minutes.

They found that certain chemicals, known as volatile organic compounds, were significantly lower with laser printers compared to 3-D printers. At the same time, the 3-D printers emitted 14 chemicals that laser printers did not emit. In addition, 3-D printer emissions likely combined to form other chemicals. Even after printing, 3-D printed objects emitted the chemical styrene, indicating that exposure beyond the actual process of printing may be a concern in the work place. Both the 3-D printer, using a certain type of plastic filament called ABS, and the laser printers emitted ultrafine particles that contained the toxic chemical chromium. The results of this research can help inform future studies aimed at measuring and controlling work-related exposure to 3-D printer emissions.

## Check out NLE Calc —a mobile app based on the revised NIOSH lifting equation

Source: NIOSH Science Blog,  
Posted on August 25, 2017 by  
Emily Warner, MA, Stephen D.  
Hudock, PhD, CSP, and Jack Lu,  
PhD, CPE



Knowing how much weight an individual worker can safely lift is a key component to preventing back injury in the workplace. NIOSH recently released a free mobile lifting application, [NLE Calc](#), which helps users determine safe lifting limits. The new NIOSH app takes information from the internationally renowned “Revised NIOSH Lifting Equation” out of the laboratory and into the hands of workers and employers.

What is NLE Calc?

The NIOSH Lifting Equation Calculator app ([NLE Calc](#)) allows users to quickly calculate manual lifting risks as they occur on the job. NLE Calc even uses the composite lifting index (CLI)—often ignored by commercially available apps—to calculate manual lifting risks for multiple and complex lifting tasks. Workers, employers, and occupational health professionals can easily download NLE Calc from [Apple iTunes](#) or [Google Play](#), type the indicated measurements into the equation, and use the results to help identify ergonomic solutions for reducing the physical stresses associated with manual lifting.

What are the key benefits of using NLE Calc?

- Calculates the composite lifting index (CLI) for multiple lifting tasks (often ignored by most commercial apps)
- Uses equations approved by NIOSH ergonomists, who created the NIOSH Lifting Equation (NLE)
- Promotes better musculoskeletal health

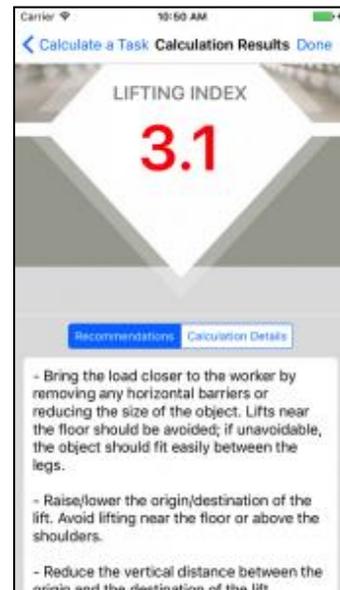
- Raises workers’ awareness about their job tasks
- Helps workers and employers make informed decisions about potential musculoskeletal hazards
- Serves as job design guidelines for manual lifting tasks
- Can be used as a research tool to collect manual lifting data

NIOSH recommends that single or multiple lifting tasks have a (composite) lifting index lower than 1.0.

With the app’s release, NIOSH added a page to their website specifically dedicated to [NLE Calc](#). This webpage offers more information on how to use the app and how to interpret the results.

The cost of musculoskeletal disorders is a serious health concern. Around the world, musculoskeletal disorders are responsible for roughly 21% of the years people live with disabilities.<sup>1</sup> In 2010, low back pain and neck pain were among the top five leading causes of disability worldwide.<sup>1</sup> In the United States and Canada, more people are unable to work because of musculoskeletal disorders than because of any other group of diseases.<sup>2</sup>

For over 20 years, the Revised NIOSH Lifting Equation has been the international standard for assessing risks associated with lifting tasks, preventing the onset of lower back pain, and reducing work-related musculoskeletal disorders. As you use the app, please tell NIOSH about your experience.



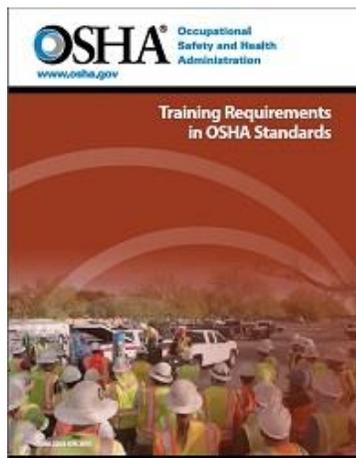
### References

<sup>1</sup> Hoy DG, Smith E, Cross M, Sanchez-Riera L, Blyth FM, Buchbinder R, Woolf AD, Driscoll T, Brooks P, March LM. [2015] Reflecting on the global burden of musculoskeletal conditions: lessons learnt from the Global Burden of Disease 2010 Study and the next steps forward. *Ann Rheum Dis*; 74:4-7.

<sup>2</sup> Punnett L, Pruss-Ustun A, Nelson DI, Fingerhut MA, Leigh J, Tak S, Phillips S. [2005]. Estimating the Global Burden of Low Back Pain Attributable to Combined Occupational Exposures. *AJIM*; 48: 459-469.

## Check out OSHA’s mobile-friendly training requirements

OSHA’s comprehensive guide to [Training Requirements in OSHA Standards](#) is a valuable reference to help employers, safety and health professionals, and training directors comply with the law and keep workers safe. However, at more than 250 pages, the printed version can be cumbersome to carry on some jobsites. The new guide can be read on a smartphone or tablet and easily searched for the standards that apply to specific industries or activities. Visit OSHA’s website to download a copy.



The 2016 national data shows that:

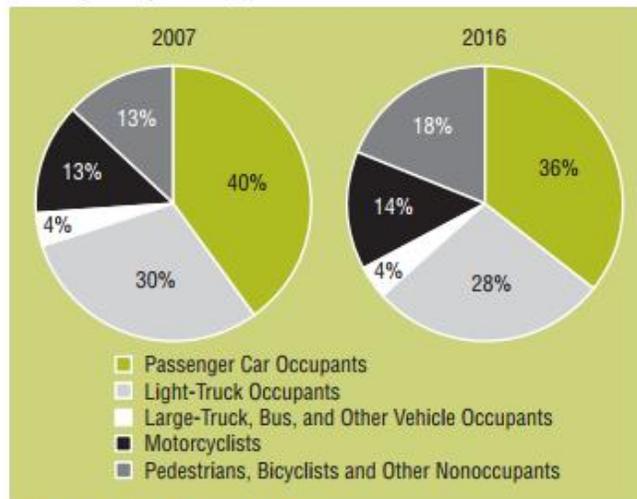
- Distraction-related deaths (3,450 fatalities) decreased by 2.2 percent;
- Drowsy-driving deaths (803 fatalities) decreased by 3.5 percent;
- Drunk-driving deaths (10,497 fatalities) increased by 1.7 percent;
- Speeding-related deaths (10,111 fatalities) increased by 4.0 percent;
- Unbelted deaths (10,428 fatalities) increased by 4.6 percent;
- Motorcyclist deaths (5,286 fatalities – the largest number of motorcyclist fatalities since 2008) increased by 5.1 percent;
- Pedestrian deaths (5,987 fatalities – the highest number since 1990) increased by 9.0 percent; and
- Bicyclist deaths (840 fatalities – the highest number since 1991) increased by 1.3 percent.

## USDOT releases 2016 fatal traffic crash data

The U.S. Department of Transportation’s National Highway Traffic Safety Administration released fatal traffic crash data for calendar year 2016. According to NHTSA data, which was collected from all 50 states and the District of Columbia, 37,461 lives were lost on U.S. roads in 2016, an increase of 5.6 percent from calendar year 2015.

The number of vehicle miles traveled on U.S. roads in 2016 increased by 2.2 percent, and resulted in a fatality rate of 1.18 deaths per 100 million VMT – a 2.6-percent increase from the previous year.

### Fatality Composition, 2007 and 2016



Source: FARS 2007 Final File, 2016 ARF  
Note: Sum of individual slices may not add up to 100 percent due to rounding.

Fatalities and Fatality Rate per 100 Million VMT, by Year, 1975–2016



Sources: FARS 1975–2015 Final File, 2016 ARF; Vehicle Miles Traveled (VMT): FHWA.

NHTSA found that distracted driving and drowsy driving fatalities declined, while deaths related to other reckless behaviors – including speeding, alcohol impairment, and not wearing seat belts – continued to increase. Motorcyclist and pedestrian deaths accounted for more than a third of the year-to-year increase.

NHTSA continues to work closely with its state and local partners, law enforcement agencies, and the more than 350 members of the Road to Zero Coalition to help address the human choices that are linked to 94 percent of serious crashes. NHTSA also continues to promote vehicle technologies that hold the potential to reduce the number of crashes and save thousands of lives every year, and may eventually help reduce or eliminate human error and the mistakes that drivers make behind the wheel.

## Classes & Conferences



### Boise Safety Fest opens January 23

Registration is now open for the 2018 Boise Safety Fest of the Great Northwest January 23-26. Go to <http://www.safetyfest-boise.org> to view the schedule and register for classes.

The Opening Ceremony on Tuesday will feature Joe Lewis, Capitol Protection Specialist, Idaho State Police, on Surviving an Active Shooter: Avoid-Deny-Defend; David Kearns, OSHA Area Director; and more! Lunch with OSHA on Tuesday at 11:30-1:00 in the cafeteria (drop in anytime) provides an opportunity to meet informally and anonymously with OSHA representatives to ask questions and find out what OSHA can do to protect your health and safety on the job.

The always popular Trade Show and Vendor Bingo will be Tuesday and Wednesday with a prize drawing noon Wednesday. This is a great opportunity to see new products and services, talk with company representatives, and win some great prizes!



SeminarFest is a unique and immersive learning experience that will help you develop skills and knowledge you can immediately apply to make an impact at your organization. This year's program will feature more than 90 courses across 10+ areas of focus, delivered in a setting that allows learners to engage in in-depth discussions and activities, explore relevant topics with expert facilitators, and practice using new tools and techniques For more information, go to: <http://seminarfest.asse.org/>

## ASSE Webinars

<https://learn.asse.org/live-webcasts>

### Lean Behavior-Based Safety: BBS for Today's Realities.

0.20 credits offered. 12/06/2017 at 12:00 PM (EST). If you implemented a behavior-based safety process back when everyone else did, it may be time for some updates that could increase the results of your system. In the past two decades, more effective ways of implementing BBS have been discovered and innovative steps have been taken to bring these systems to new heights of engagement and performance. You will learn some alternatives to traditional BBS administration that can give your system the boost it needs for safety improvement. If you have not implemented BBS already, you will find out how to do so much more efficiently than was possible in the past.

### Taking Stock of Behavior-Based Safety: What's Next? 0.20

credits offered. 12/04/2017 at 12:00 PM (EST). Love it or hate it, behavior-based safety (BBS) has become an entrenched part of the EHS landscape. Still, some safety professionals point out that what many people think of as behavior-based safety is broken or doesn't work. These are the processes that are isolated from other safety systems, done under duress, exclude key players like managers or supervisors, overreach realistic objectives, or are used simply to dump responsibility or blame for safety onto employees. So why does behavior-based safety have this reputation and still remain fairly popular? And what do successful BBS users know and what do those on the fence need to know? What is the problem with this technology that causes such polarization? THIS SESSION IS BEING SPONSORED BY THE OIL, GAS, MINING AND MINERALS RESOURCES PRACTICE SPECIALTY!

### Free ASSE webinars for students

ASSE student members have free access to ASSE webinars. Enter your ASSE student member number when you register to automatically receive the free registration. <http://www.asse.org/education/virtualclassroom.php>

## ASSE's LearnEx Courses

ASSE's LearnEx fully online course delivery provides you with a flexible, engaging, and immediately applicable learning experience! Gain the knowledge necessary to fast-track your career as a safety professional. LearnEx courses will teach you how to drive results through interactive video lectures, course discussions, interactive games, and scenario-based/real-world assessments.

Check out the courses available at: <https://learn.asse.org/learnex-online-courses>

## OSHA 510, “OSHA Standards for the Construction Industry” in Boise!

This course covers OSHA Standards, policies, and procedures in the construction industry. Topics include scope and application of the OSHA Construction Standards, construction safety and health principles, and special emphasis on those areas in construction which are most hazardous. Upon course completion students will have the ability to define construction terms found in the OSHA Construction Standards, identify hazards which occur in the construction industry, locate and determine appropriate OSHA Construction Standards, policies, and procedures, and describe the use of the OSHA Construction Standards and regulations to supplement an ongoing safety and health program.

### SCHEDULE:

March 26-29, 2018, Boise, ID  
8:00 am to 4:00 pm | Monday – Wednesday  
8:00 am to 2:00 pm | Thursday

### LOCATION:

Idaho AGC  
1649 West Shoreline Drive, Suite 100  
Boise, ID 83702

### CERTIFICATES INCLUDING THIS COURSE:

[Safety & Health Leadership Certificate: Construction](#)  
[Construction Safety & Health Specialist Certificate](#)

### CONTACT US

Pacific Northwest OSHA Education Center  
Phone: 206-685-3089  
E-mail: [ce@uw.edu](mailto:ce@uw.edu)  
Web: [osha.washington.edu](http://osha.washington.edu)

## Job Opportunities

### Loss Control Consultant - Pocatello

The State Insurance Fund (SIF) is Idaho’s leading workers compensation insurance provider. Since our inception in 1917, SIF has been dedicated to Idaho businesses and their injured workers. Our employees are the face of SIF and crucial to providing exceptional customer service. The majority of our policyholders are small businesses that are the backbone of Idaho’s economy. We are proud to Offer services to help protect their employees and support their financial strength.

As a key member of a dynamic team of Safety professionals, you will be responsible for providing professional loss prevention assistance to SIF policyholders in Pocatello and the surrounding Eastern Idaho area. You will work directly with management of Idaho businesses to analyze their

organizational structure, management practices, loss prevention policies, accident statistics, and work activities. If you are passionate about safety in the workplace, and you are at the top of your game looking for your next big challenge, please read on!

You’ll be responsible for:

- Analyzing organizational structure, management practices, work activities, current loss prevention policies, claim reports, and accident trends.
- Providing written recommendations, technical assistance, and employer training on methods to identify and correct unsafe working conditions and practices.
- Conducting training programs, workshops, and seminars for SIF’s policyholder managers and supervisors.
- Conducting loss prevention surveys to assess business practices and organizational commitment to safety.
- Understanding workers compensation laws, rules, regulations, policy provisions, work classifications, premium formulas, and reporting requirements and their impact on safety outcomes and business costs.
- Understanding claims liability and third-party or products liability.

Your background should include:

- Bachelor’s degree in Environmental Health Sciences, Occupational Health and Safety, Safety Program Management,
- Ergonomics, Industrial Hygiene, or Industrial Safety or equivalent combination of education and experience.
- Knowledge of loss prevention program elements, industrial safety practices, and the identification of unsafe work practices or conditions.
- Knowledge of management/organizational theory, organizational behavior, and common business practices.
- Excellent oral and written communication skills.
- Demonstrated experience utilizing training techniques and effectively presenting material to audiences of between 10-50 people.
- Knowledge of basic math and the ability to apply basic mathematical formulas to calculate insurance premiums, experience modifications, and loss ratios.
- Experience evaluating safety-related management policies and procedures and developing written recommendations.
- Experience working with customers in a field setting, in a direct customer contact environment.
- Proficiency using computer software to enter, query, and edit data.
- In-depth technical knowledge of loss prevention practices.

- Ability to plan, organize, and carry out work assignments independently without close supervision.
- Must possess a valid Idaho driver's license.
- Ability to travel approximately 70% of the time (this position is based in Pocatello and will travel to policyholder sites in an assigned area within Eastern Idaho).
- In addition to a great working environment and a strong focus on work-life balance, this position offers a unique opportunity to work from your home office in conjunction with policyholder site visits. SIF also offers a competitive salary and an amazing benefits package!
- For more information on who we are and what we do, check us out at [www.idahosif.org](http://www.idahosif.org). If we have sparked your interest, we encourage you to submit your resume and cover letter via e-mail to [jobs@idahosif.org](mailto:jobs@idahosif.org). Pocatello, Idaho with the Idaho State Insurance Fund: <https://www.idahosif.org/Files/Contact/LossControlConsultantPocatello.pdf>

### Safety Manager, Plant Operations, Twin Falls

<https://jobs.jobvite.com/chobani/job/oowg6fw0/apply>

This position is responsible for designing and implementing effective health & safety policies to foster a safe work environment and ensure that all employees understand and demonstrate safe behaviors including taking corrective action to foster an injury free workplace that meets or exceeds company, state & federal regulations. Furthermore, this position will require people who are highly successful at working as part of a team. It will be necessary for them to partner with internal and external resources to be successful.

#### The responsibilities of this position include:

- Lead the development and implementation of health and safety risk management programs and processes cross functionally with all managers and employees in an effort to establish capabilities, build relationships, and ensure prioritized action plans and timetables are met for compliance purposes
- Mentor management teams on how to lead and manage safety within their areas and participate in specific process and program enhancements based on greatest areas of opportunity to achieve world class results
- Demonstrate the ability to plan and implement long term comprehensive plans that are integrated into company policy and culture
- Lead site efforts to establish a common knowledge base on health and safety program elements

- Develop and deliver training programs on safety awareness, OSHA required programs, VPP development and other site-specific programs.
- Develop program aimed at continuous improvement of the safety culture through employee involvement and observation.
- Provide day-to-day coaching, feedback, and functional direction on health and safety programs
- Assist in reviewing the status and evaluating the effectiveness of health and safety programs while delivering results in all areas
- Lead the implementation and training of teams to identify and evaluate hazards and implement effective corrective solutions including proactive safety processes and corrective action follow ups using root cause analysis methodologies
- Provide consultative guidance and information on health and safety priorities and risks, associated costs, performance, major issues, and interpretation of regulatory requirements
- Participate in the review of safety processes and procedures
- Propose changes to existing systems to make the processes and procedures more effective
- Evaluate safety injury trending data in order to minimize risks

#### The requirements of this position include:

- 5+ years of health and safety experience in a manufacturing or related environment
- Bachelor's Degree or an equivalent combination of education and/or work experience
- Experience developing and implementing safety programs in a start-up environment for a large operation
- Experience with worker's compensation claims, OSHA regulations, OSHA recordkeeping requirements and OSHA's VPP processes
- Good understanding of health and safety issues, regulations, and technology which impact the processes associated with the manufacturing function
- Experience working with ISO standards and regulations
- CSP preferred

### Check out ASSE career resources

ASSE career resources provide extensive support to your career advancement needs. Whether you are searching for the top candidate or your next professional opportunity, H&S Jobs enables you to find the best candidates and opportunities in the field. Members can post jobs at a discounted rate. Go to: <http://jobs.asse.org/>

Go to: <http://jobs.asse.org/jobseeker/search/results/> and search by Idaho (or other state) or by job function.