

February 2012

Guest Editor for February: Susie Vader

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Please send newsletter suggestions and articles to adpable @hotmail.com

2011-2012 SRC Executive Committee

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Committee on Technical Sessions

Please contact the Technical Coordinators if you have ideas or requests for topics and speakers.

Wendy Campbell: wcampbell@h2oenvironmental.net

Rosemarie A. Olney, CSP: Olney.Rosemarie@dol.gov

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Snake River Chapter Newsletter

http://snakeriver.asse.org

snakeriverasse@yahoo.com

Toxic Dust Exposure Monitoring featured at January meeting

Matt Call, MS, CIH, CSP, with Industrial Hygiene Resources, discussed Toxic Dust Exposure Monitoring. Call described the different types of particulate matter (PM) that they sample, including dusts, mists, fumes, smoke, and biological matter. The toxicity of particulates can be influenced

by their chemical composition, structure, shape, size, and, of course, dose. For example, chromium VI, arsenic, and asbestos all cause cancer; isocyanates are sensitizers; pesticides can damage the central nervous system; and asbestos and silica affect the lungs.

Exposure guidelines are issued for different sizes of particles. In 1993 the ACGIH adopted "Particle Size Selective Sampling Criteria for Airborne Particulate Matter" and defined three mass fractions: inhalable (10-100 µm); thoracic (4-10 µm), and respirable (<4 µm). *Toxic Dust Monitoring continued on page 2*



Upcoming Meetings

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Executive Committee Date, Time, and Place			
03-06-12, 11:30-1:00, WG Plaza Cafeteria	Everyone is welcome to attend! Please confirm date/time with EC.		
04-03-12, 11:30-1:00, WG Plaza Cafeteria	Everyone is welcome to attend! Please confirm date/time with EC.		
Chapter Meeting Date, Time, and Place	Technical Session		
03-20-12, 6:00-8:00 pm. Café Ole, 210 N. Milwaukee Boise	Physician from St. Luke's Occupational Med. Program: Topic to be determined.		
04-17-12, 7:15-8:30 am, WG Plaza Executive Dining Room	TBD		
05-15-12, 11:30 am, WG Plaza Executive Dining Room	TBD		
06-19-12, 6:30-8:00 pm, TBD	TBD		
07-17-12, 7:15-8:30 am, WG Plaza Executive Dining Room	Sustainable Organizations: Managing the Change, and Changing Measures by Tony Marker, Ph.D., LEED AP, Assoc. Professor, Dept.of Instructional & Performance Technology, Boise State University		

Toxic Dust Monitoring continued from page 1

Different samples are collected for each of the different fractions, plus a "total" sample is collected, which, theoretically, would include all of the three fractions. However, the "total" sample only includes particles that can be collected on a 37 mm filter cassette. Traditional filter cassettes don't effectively sample inhalable PM and underestimate the concentration of larger particles in the 30-100 μm range.

Call collected side-by-side samples (same time, same volume) in a seed coating operation where seeds were coated with a fungicide with a TLV® of 0.05 mg/m3 (inhalable) and a PEL of 5 mg/m3. He found that the

inhalable fraction was actually higher on average than the total!

Call noted that you need to be prepared to prove that your results provide equivalent or safer results than the OSHA reference method. The 2011 ACGIH TLVs® and BEIs® booklet says, "The intent of ACGIH is to replace all "total"



particulate TLVs with inhalable, thoracic, or respirable particulate mass TLVs."

Call concluded that we may be underestimating exposures to aerosols, there are more accurate sampling methods for measuring PM in air, and more research is needed. Matt Call can be contacted at MatthewCall@IndustrialHygieneResources.com.

Chapter News

February Chapter Meeting

Meeting Place: Washington Group Plaza, 720 Park Blvd., Boise

Meeting Date: Tuesday, February 21, 2012

Time: 11:30 to 1:30pm. Meeting was called to order at

11:39.

Next Meeting: The next chapter meeting is March 20, 6:30-8:00 at Café Ole, 210 N Milwaukee; no-host bar at 6:00, dinner at 6:30

Attendees: Amanda Lundgren, Ernie Harper, Wendy Campbell, Page Rost, Jerry Smith, Dave Kearns, Dan Dolata, Kiely Parker, Marlen Luff, Matt Call, Peter McCullough, Olivia Aulbach, Shawn Smith, Kevin Shoemaker, Corey Pence, John Hart, Cheryl Rost, Susie Vader (15.5% of membership)

New Committees:

- Fundraising Committee: Brent Smith (Chair),
 Wendy Campbell, Frank Malquist, Cheryl Rost,
 Shawn Smith, Susie Vader
- ROC Committee: Michelle Steeler (Chair), Wendy Campbell, Frank Malquist, Ernie Harper, Willie Piispanen, Amanda Lundgren, Brent Smith, Susie Vader, Jerry Smith, Cheryl Rost
- Membership Committee: Susie Vader, Amanda Lundgren, Matt Lundgren
- Web Page: Susie Vader, Page Rost

Meeting:

- 1. Welcome and Introductions
- 2. Finance Report: Checking: \$1781.96; Savings: \$2275.87 (1-31-12)
- Minutes of Last Meeting: Chapter minutes are published in the newsletter.
- New Member Update: 116 members, 1 new member
- Safety Fest Follow-up: Safety Fest was a huge success thanks to founding partners and all of the volunteer teachers and helpers. (See article on page 3.
- NAOSH Safety-on-the job Poster Contest: URS sponsored a local contest with Boise Schools, ASSE members judged the posters, selected winners, and will attend an awards ceremony March 6. Winning posters are sent to the NAOSH contest
- 7. Fall ROC: Snake River Chapter will host the fall 2012 Regional Operating Committee (ROC) meeting in Boise in September. The committee will meet in early March to start planning. A committee volunteer sign-in sheet was passed around.
- 8. Spring Education Class: Many ideas for topics were suggested including radiation safety, exposure (silica, radiation, etc.), scaffolding, fall protection, and hazard recognition. The planning committee for the spring education class will meet February 28 at 4:30 at Highlands Hollow and everyone was encouraged to attend.
- Technical Session Speaker Topics: The following topics were suggested for upcoming sessions: someone from DOT FMCSA or the Idaho Trucking Assn. on DOT's CSA 2010 initiative; an update on the OSHA crane standard; update on the silica standard; update on OSHA Injury and Illness Prevention Program; update on EPA's Lead-Based Paint Renovation, Repair and Painting rule; other recent regulatory/industry changes.
- Ernie Minute: Ernie shared information on the upcoming national ASSE elections and noted the importance of voting for the Region II vice president.

Technical Session: Matt Call presented Toxic Dust Exposure Monitoring. See article on page 1.

Please join us for the March chapter meeting at Café Ole-Milwaukee!

A physician from the St. Luke's Occupational Medicine Program will be featured at the Snake River Chapter meeting on Tuesday, March 20, 6:30-8:00 at Café Ole, 210 N Milwaukee. A no-host bar starts at 6:00 and dinner will be at 6:30. Spouses and friends are welcome. Dinner cost is \$10 (chapter will pick up the remainder of the cost). Please RSVP to snakeriverasse@yahoo.com by March 14. We hope to see you there!

Boise Safety Fest was a great success!



OSHA Region X
Administrator Dean Ikeda

The seventh annual Boise Safety Fest was held January 24-27 at the Washington Group Plaza and four off-site locations (HEOSI, United Water Idaho, BSU, and Idaho AGC). Safety Fest offers free safety, health, and environmental training to the community through the efforts of many volunteers, vendors, and hosts. This year the hosts included URS Corporation; the Boise area office and Region

10 office of OSHA; Idaho AGC; Idaho Division of Professional Technical Education; University of Washington; and Idaho's OSHA Consultation Program at Boise State University.



38 vendors participated

A record-breaking 965 people attended (a 27% increase over last year) from six states, representing 231 companies, and filling 1913 seats. Forty-seven classes were offered including one in Spanish, three 2-day classes, and two 3-day classes, and 26 of these were taught by Snake River Chapter members! The opening session included OSHA Region 10



Heavy equipment training was very popular

Administrator Dean Ikeda, followed by a panel discussion of community leaders on substance abuse.

The 2012 vendor show was also a success. This year 38 vendors participated, of which 13 sponsored breaks (including Snake River Chapter of ASSE). Twenty-one vendors participated in vendor bingo and donated prizes for the drawings. Almost 140 vendor bingo cards were submitted and approximately 100 prizes were distributed. Prizes included T-shirts, sweatshirts, an orange bomber jacket, protective gloves, safety glasses, footballs imprinted with the BSU logo, leather portfolios, Leatherman tool, thermoses, cooler bags, Maglite, hard hats, coffee mugs and golf balls. Also, Williams Pipeline donated an 18V tool combo kit with a driver, reciprocating saw, and circular saw; Life Flight

donated a 1-year membership; and MSA donated 72 knit hat liners and three hard hats.

Safety Fest is due to the

965 attended from 231 companies

47 classes offered

The continued success of • 1913 seats were filled

tireless efforts of the many dedicated volunteers, vendors, and hosts. We extend a big "Thank You" to everyone who participated!



Please update your email address!

Some members are reporting problems receiving emails or not being able to retrieve attachments from emails, so we are in the process of changing from Yahoo to Gmail. If you are not receiving emails from ASSE Snake River Chapter, please send your email address to susie.vader@urs.com and we will make sure you are added to the new system.

Upcoming Meetings

The Snake River Chapter typically meets on the third Tuesday of each month on an alternating schedule as shown below. Breakfast and lunch meetings are usually held at the Washington Group Plaza Executive Dining Room, 720 Park Blvd., Boise, ID. Use the center entrance near the fountain. Go past the security desk, turn left and walk through the foyer, then turn right in front of the cafeteria, and look for the Executive Dining Room, which will be to your left. Dinner meeting locations are announced through e-mails and the newsletter. Members are responsible for purchasing their own meals.

Executive Committee Meetings: The EC typically meets the first Tuesday of every month from 11:30-1:00 in the Washington Group Plaza Cafeteria. Chapter members are welcome to attend. Please confirm time/date with EC.

Breakfast Meetings (7:15-9am)	Lunch Meetings (11:30am- 1pm)	Evening Meetings (6:30-8pm)
January 17, 2012	February 21, 2012	March 20, 2012
April17, 2012	May 15, 2012	June 19, 2012
July 17, 2012	August 21, 2012	September 18, 2012
October 16, 2012	November 20, 2012	

December 2012 - No Chapter Meeting - Happy

Holidays!

Request for speakers and topics!

The Technical Sessions Committee strives to provide speakers on topics that interest you. If you have heard a speaker at your organization or at other meetings that would benefit the chapter, please forward their name and/or contact information to any of the committee members. Also, please let the committee know if you are interested in presenting!

ASSE Society News

2012 Society Elections

The future of the Society is in your hands! Take some time to get familiar with the 2012 Candidates for the Board of Directors and Area Directors. Your opportunity to vote will be here before you know it - Stay tuned for your ballot to arrive in March. More info: http://www.asse.org/elections/

Download the Professional Safety Journal app today!

ASSE is pleased to announce that mobile apps are now available for Professional Safety, its highly rated monthly journal. Get instant access to the journal from your Droid, iPhone and iPad. Scroll through the pages, click through links to find more information or to connect with an advertiser. Members/Subscribers: Once you download and install the app, you'll need to log in with your member number/customer id and password (last



name): http://www.asse.org/professionalsafety/app.php

Listen to free podcasts from ASSE's Virtual Classroom!

Every month, ASSE delivers live webinars from experts in the field of safety. These monthly live webcasts are a way to interact with the experts while learning about new approaches to managing safety.

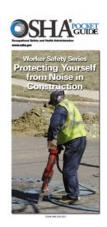
To listen to a podcast right from your computer: http://assevirtualclassroom.org/resources/

Or, if you use iTunes, you can find us on the iTunes store.

Other News

Protect yourself from noise in construction!

OSHA published a new educational publication for construction workers, Protecting Yourself from Noise in Construction. The booklet, written for workers and employers, provides information on the hazards of loud noise in construction, how noise levels are measured, and how to find out



if noise on the job site or from tools is loud enough to cause hearing loss. It also gives examples of administrative and engineering controls employers can use to reduce worker exposure to noise, as well as information on the proper selection and use of personal hearing protection. To order copies of this or other OSHA publications, call 1-800-321-OSHA or 202-693-1999 or visit OSHA's publications web page: http://www.osha.gov/pls/publications/publication.html

Check out OSHA factsheets on residential fall prevention

Three recent fact sheets published by OSHA address fall prevention during roofing operations in residential construction. These can be downloaded from OSHA's publications web page:

http://www.osha.gov/pls/publications/publication.html

- Reducing Falls During Residential Construction: Roof Sheathing
- Reducing Falls During Residential Construction: Installing Standing Seam Metal Roofs
- Reducing Falls During Residential Construction: Re-Roofing

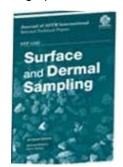
OSHA revises acetylene standard

OSHA's direct final rule revising the acetylene standard for general industry goes into effect March 5. The revised standard replaces a reference to an outdated consensus standard with an updated reference from the Compressed Gas Association Pamphlet G-1-2009, Acetylene. The update will provide employers with guidance that reflects current industry practices to better protect their workers from injury or death.

New Surface and Dermal Sampling Document Available

An ASTM International Special Technical Publication on surface and dermal sampling is now available at http://www.astm.org/DIGITAL_LIBRARY/STP/SOURC
E_PAGES/STP1533.htm. This monograph contains

twenty peer-reviewed papers discussing sampling techniques, analytical measurement technologies, reference materials, standardization, occupational hygiene, decontamination methods, and quality assurance. These papers constitute two-thirds of the presentations that were given at the 2010 ASTM-sponsored



symposium on surface and dermal sampling in San Antonio, Texas. Kevin Ashley of NIOSH and Michael Brisson of the Savannah River Site, South Carolina, co-organized the symposium and also served as guest editors of this publication.

OSHA alerts workers to falls and other hazards when removing snow from rooftops

A new OSHA hazard alert (http://www.osha.gov/dts/ weather/winter_storm/snow_hazard_alert.html) warns workers of falls and other hazards that every year result in deaths and serious injuries during snow or ice removal from rooftops and elevated surfaces. Workers are at risk for falling off roof edges, through skylights, and from ladders and aerial lifts. Workers may also be injured or killed by a roof collapse. The alert provides methods for preventing these hazards, such as using snow removal methods that do not involve workers going on roofs, evaluating the maximum weight a roof or structure can bear, requiring that workers use fall protection equipment, and ensuring that workers use ladders and aerial lifts safely. Other hazards include injuries associated with the use of snow blowers and other mechanized equipment, entrapment and suffocation under falling snow drifts or snow piles. shock/electrocution hazards from contacting power lines or damaged extension cords, frostbite or hypothermia from cold and windy conditions and musculoskeletal injuries from overexertion.

OSHA also recently created a Winter Storms Web page to provide information on protecting workers from hazards during winter storm response and recovery operations.

Classes & Education

ASSE Webinars

Cost \$95 Members/\$115 Non-Members http://eo2.commpartners.com/users/asse/upcoming.php

Dice, Crayons and Taboo: Bringing the Life Back to Safety

February 29, 2012 11:00AM - 12:30PM CST

Preventing Hand Injuries AND Strains/Sprains - By Placing Workers in Control of Their Own Safety March 14, 2012

11:00AM - 12:30PM CST

Free ASSE webinars for students

Did you know that 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

National Safety Council Webinars

For NSC webinars visit: visit nsc.org/webinars.

Members Get More Webinars FREE for NSC members; \$119 for non-members

2012 Injury Facts® Update

March 27, 2012 2:00 p.m. - 3:00 p.m. ET

Congress 2.0 Webinars: \$99 for NSC members: \$119 for n

\$99 for NSC members; \$119 for non- members..

Spice Up Dull Safety Training: Use Games to Teach and Motivate Employees

February 28, 2012, 11:00 a.m.-12:00 p.m. ET

Frequently Injured: Fire the Person or Fix the Problem March 28, 2012, 2:00 p.m.-3:00 p.m. ET

It's Really Not About Safety. It's About Your...People and Communication Skills

April 10, 2012, 2:00 p.m.-3:00 p.m. ET

Workplace Safety Webinars: \$99 for NSC Members; \$119 for non-members

Fall Prevention Strategies: Best Practices from the Field March 8, 2012, 2:00 p.m.-3:00 p.m. ET

Ergo Leadership: How to Build and Manage a Workplace Ergonomics Team

March 14, 2012, 11:00 a.m.-12:00 p.m. ET

Save Lives at Work: Build a Workplace Emergency Response Team

March 21, 2012, 2:00 p.m.-3:00 p.m. ET

OSHA Compliance for Walking and Working Surfaces March 29, 2012, 11:00 a.m.-12:30 p.m. ET

FREE to NSC Members and Non-Members

Incident reporting: Taking your safety management system beyond the workplace Tuesday, March 20, 11:00 ET

Saving Lives with Safe Communities America
Tuesday, March 13, 1:00 p.m. - 2:00 p.m. CST
http://eventcallregistration.com/reg/index.jsp?cid=28130t11

Conferences & Workshops

Safety Fest of the Great Northwest Twin Falls, Idaho,
March 27-30

Safety Fest offers free safety and health training for workers, supervisors and managers at all levels. This is a great opportunity to get



IAS Annual Meeting and Symposium to focus on nanotechnology March 22-24, 2012 University Place, Idaho Falls, Idaho



tv Fest

Great Northwest

The Idaho Academy of Science will hold its 54th annual meeting and symposium March 22-24 in Idaho Falls. The topic of this year's symposium is nanotechnology.

Thursday evening's Plenary Session will include a panel discussion on "Environmental Effects of Nanotechnology." Panelists will include locally-recognized experts in the field.

Dr. Donald Baer will make the keynote address at Friday night's banquet on "Challenges to Understanding Environmental and Biological Impacts of Nanoparticles."

All presenters and attendees must officially register for the symposium at www.IDAcadSci.org. Please note that student presenters are given complimentary registration and a one-year trial student membership in IAS, but must still go to the website and register. Online registration will open on Monday, February 20, 2012. Questions? Send them to info@IDAcadSci.org.



Region X VPPPA Conference

The Grove Hotel and Boise Centre · Boise, Idaho

May 15-17, 2012

The Region X VPPPA Conference will be in Boise this year from May 15 through 17. More information will be available in future issue. For more information go to: http://www.regionxvpppa.org/

Job Opportunities

Lab Safety Officer, Environmental Health and Safety, Boise State University (Professional - Position #FA-0047-12)

Boise State University invites interested applicants for the position of Lab Safety Officer, to join us in our quest toward becoming a Metropolitan Research University of Distinction. This position will be responsible for the appropriate assessment of lab safety and all radiation safety compliance on campus. This includes training, consulting, response and incident investigation on all events occurring in labs at the University.

You will have the opportunity to:

- Provide laboratory safety professional and technical guidance on behalf of EHS to faculty and staff regarding equipment, facilities and work practices for protection of personnel, students, resources, laboratories, and the environment from laboratory hazards.
- Conduct laboratory inspections to promote health, safety, and regulatory compliance. Review research protocols for exposure and risk assessment.
- Respond to emergencies and investigate laboratory incidents.
- Develop written programs and procedures.
- Develop and implement standard and creative professional approaches to evaluate and implement solutions for health and safety hazards in campus laboratories and provide support to laboratory managers for occupational and environmental regulatory compliance.
- Develop, coordinate and provide training on occupational health and safety requirements for laboratory operation and maintenance.
- Evaluate laboratories for potential hazards, conduct necessary monitoring, and develop reports including risk assessments for academic, research, and facility staff. Analyze and interpret technical data generated in-house or supplied by contractors to determine areas of non-compliance

- and ensure corrective actions are designed and implemented.
- Manage the radiation safety program on campus including inventory, auditing, and sampling.

For a complete job description, please go to: http://hrs.boisestate.edu/joblistings/professional/fa0047
http://hrs.boisestate.edu/joblistings/professional/fa0047

Application materials should be emailed to brentwhite@boisestate.edu (preferred method) or mailed to: Brent White; Search # FA-0047-12; Boise State University; 1910 University Dr.; Boise, ID 83725-1826.

Review of applications will begin March 1, 2012. Applications received after that point may be considered if the position is not filled from the finalist pool

Director of Health and Safety for US Ecology,

Boise: US Ecology, Inc., a leader in the environmental services industry is seeking a highly experienced Health and Safety professional. Under the direction of the Director of Environmental H&S/Facility Operations, the Director of H&S is responsible for the companywide H&S program, its implementation, improvement, and monitoring in compliance with applicable local, state, and federal regulations. Key responsibilities include the development and implantation of strategies to achieve and exceed company goals and expectation for injury and loss prevention. Selected applicant must act as advisor to managers, monitor employee training, records maintenance, internal audits and OSHA inspections; the incumbent will work in close cooperation with site H&S professionals to ensure consistency in meeting company-wide EHS goals and objectives.

To view the full job description and a summary of the benefits go to:

http://www.usecology.com/boise careers.htm

To access the Company's employment application, go to:

http://www.usecology.com/downloads/employment_application.pdf

Please forward your employment application and/or resume with salary history to US Ecology, Inc. 300 E Mallard Dr. Boise, ID 83706, attention: Human Resources. Resumes can also be emailed to bsterk@usecology.com or faxed to (208) 333-8435.

Disclaimer: The Snake River Chapter does not endorse, support, or guarantee accuracy of any of the job postings.

Check out Nexsteps Job Board: Post Job Openings - Search for Jobs

Get more out of your ASSE membership by using the Nexsteps Job Board (http://www.nexsteps.org/) for openings in your safety, health and environmental department.

If you have a job to post, create an employer account and post listings of available positions (prices vary), search resumes online and set up a resume agent to alert the employer when new resumes are posted that match their criteria. As a member, you save \$30 on each job posting you make for your company by using code memval30.

If you're looking for a job, you can post your resume and receive automated notifications when jobs become available that match your interests—all at no cost.

Advertising Information

A variety of industries such as construction, healthcare, manufacturing and many others receive this newsletter every month. By advertising in this newsletter, you can increase your company's exposure and sales.

For a minimal cost of \$25.00 per month, you can place a ¼ page ad for your company in the Chapter newsletter. All advertisements will appear after the chapter information section and before the job opportunities section of the newsletter. Discounts are given based on the duration of your advertisement: 10% discount for advertising for a quarter, 15% discount for 6 months, and 20% discount for a year. ASSE members get an additional 5% discount. In order to be included in the newsletter, ad copy must be received by the first working day of the month and should be in PowerPoint, Word, or Publisher. Payment is required by the 10th of the month, or the advertisement will not be published until the following month.

For more information or to place your advertisement, please contact Kevin Skow at k.skow@gwccnet.com.

The board members of the Snake River Chapter of ASSE have the right to refuse any advertisement, which they deem inappropriate. The Snake River Chapter also does not support or endorse any service or product that is advertised in the newsletter.

Please note new Facebook address!

The Snake River Chapter of ASSE is online and connected. Stay up-to-date with SRC by joining today!

Join us on Facebook at:

https://www.facebook.com/SnakeRiverASSE

Follow us on Twitter at:

http://twitter.com/SnakeRiverASSE

How to update your information for ASSE and for the chapter

To update your mailing address, phone, fax, or most importantly, your e-mail address, please go to the following link: www.asse.org. Log into Member Login (upper left corner). Go to Update Your Info on the left side under Resources and update. Updating your information on the ASSE site does not update your information for the chapter. To update your information for Snake River Chapter, please e-mail snakeriverasse@yahoo.com.



MySkills, MyFuture Website

"mySkills, myFuture" users can now select a career and identify local

businesses likely to hire workers in their selected occupation. The CareerOneStop mySkills, myFuture website now includes employer information from private businesses, government agencies, and nonprofit organizations. Visit: http://www.myskillsmyfuture.org

mySkills myFuture is sponsored by the U.S. Department of Labor, Employment and Training Administration