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Register Now!

Aerosol Sampling and Analytical Methods PDC

Please join the Pittsburgh AIHA on Thursday, May 21

Presenter: Martin Harper, PhD, NIOSH

Date: May 21, 2015
Time: 12:00 – 5:00 PM
Location: The Club at Nevillewood
Cost: $45 member/non-member. (Students free with Sponsor. If you can sponsor a student for $35, contact Christy Kirsch)
Cost includes: Lunch Buffet
Register online by May 19, 2015

Meeting Review - March 2015
Health and Safety in the Oil and Gas Industry

This event was a great success! 37 members/guests were in attendance for the lunch at The Bistro at Bella Sera, followed by a presentation titled: Health and Safety in the Oil and Gas Industry: Construction to Production. Presenter Pat Carfagna, CIH (Consol Energy) gave a presentation on the phases of natural gas well development and the health and safety hazards associated with each phase. Particular attention was given to the completions (commonly called “fracking”) portion of the operation, and the technology that has been deployed to reduce silica exposure. Thank you to speaker, Pat Carfagna and all who attended (listed below).

- Matthew Abramson, Cardno ChemRisk
- Loren Anderson, Golder Associates Inc.
- George Bender, GHB Consulting Services LLC
- Pat Carfagna, CONSOL Energy
- Chick Creely, LEC Solutions, LLC
- Joanna Creely, LEC Solutions, LLC
- Joseph Damiano, URS / National Energy Technology Lab
- Carol Delfino, SE Technologies, LLC
- Matt Dennis, Premier Safety & Service, Inc.
- Matt Dominick, Amerisafe Consulting & Safety Services
- Dan Flanagan, Port Authority of Allegheny County
- Steve Grego, KTA-Tator
- Bob Haushalter, Duquesne University
- Allison Insley, Cardno ChemRisk
- Dennis Kelly, Sunoco Logistics Partners LP
- Mike Kopar, Professional Service Industries, Inc.
- Del Kubeldis, Amerisafe Consulting & Safety Services
- Josh Lederer, East Liberty Workwear
- Stan Liang, AM Health & Safety, Inc.
- Larry Macken, Orbital Engineering
- Joshua Maskrey, Cardno ChemRisk
- Jan Oleszewski, US Dept. of Labor-OSHA
- Tad Pajak, Allianz
- Paul Pantages, AM Health & Safety, Inc.
- Frank Pokrywka, University of Pittsburgh
- Allen Pride, Golder Associates, Inc.
- Keith Rickabaugh, RJ Lee Group, Inc.
- Randy Sadler, Comtech Industries, Inc.
- Raffie Sessa, RCS Health & Safety Consulting, LLC
- Nathan Shaffer, Northeast Energy Management, Inc.
- Michael Swintek, Eastern Alliance Insurance Group
- Mike Tedesco, AM Health & Safety, Inc.
- Brody Webster, SE Technologies, Inc.
- Michael Wentzel, East Liberty Workwear
AIHA Pittsburgh Science Fair Winners 2015

The 76th Pittsburgh Regional Science & Engineering Fair (PRSEF) was held on Friday, March 28. More than 1,000 students in grades 6-12 competed for over $1M in cash and scholarships. Pittsburgh AIHA representatives Tad Pajak, Michael Slinkard, and Frank Pokrywka had the task of presenting an award to Intermediate and Senior Division projects. It was a busy day with many student projects to see running back and forth across Heinz Field, but the group was able to choose two very deserving projects!

The first winner from the Junior Division was Meghna Behari a 6th grader from the Marshall Middle School. Her project was titled Environmental Impacts of Gas Drilling in Pennsylvania. Meghan’s project abstract is below:

Nearly 1.2 million Pennsylvanians live within half a mile of an oil or gas drilling well. What affect does this drilling action have on our environment? The aim of my study was to analyze water and sediment quality of Blacklick Creek and Ten-Mile Creek, which are in close proximity to drilling and wastewater treatment facilities. My hypothesis is that the flowback of the water used in drilling could be a source of contamination. I collected water and sediment samples from various upstream and downstream locations, relative to the wastewater discharge. Analysis of pH, electrical conductivity, and possible chemicals is ongoing.

The second winner, from the Intermediate Division, was Jack Robinson from the Carlow Campus School. His Project was titled Air Pollution Solution. Jack’s project abstract is below:

Clean air is a concern for people all around the world. I evaluated how clean the air is by carrying a portable air monitor around for 3 days. I analyzed the data to determine the pollution concentrations for different activities such as eating in the cafeteria and riding the school bus. I also calculated his pollution exposure which was the amount of pollution he inhaled. My hypothesis was partially proven because the bus had the highest particle concentration, but I received the largest pollution exposure at school because it had high concentrations and I spent one-third of his time there.

As in the past, the judges were happy to participate in this rewarding opportunity to represent AIHA-Pittsburgh Local Section and select the winners among so many outstanding projects. Thank you to Tad, Frank and Michael for volunteering their time to support this event!
The Pittsburgh AIHA is pleased to announce the AIHF Pittsburgh Local Section Scholarship recipient! Please join us in congratulating Bingbing Wu who is a West Virginia University student in the Industrial Hygiene Masters Program. She is a very deserving recipient who has maintained a 4.0 GPA throughout the program. Bingbing is currently the AIHA WVU Student Chapter Vice President and has represented her local section in Pittsburgh by participating in our local section activities and events as much as possible.

Bingbing has a BS in Chemical Engineering and Technology, a MS in Statistics and will receive her MS in Industrial Hygiene in August 2015. She plans to continue her studies working towards a PhD in Occupational Hygiene, which she expects to receive in 2018. Bingbing is a very hard working student who currently works as a Research Intern for NIOSH in Morgantown where she is responsible for sample preparation, collection and analysis and also conducts statistical analyses. In addition, she works for WVU as a Graduate Research Assistant performing statistical analyses and reporting. She previously worked as a Graduate Teaching Assistant in the Statistics Dept. at WVU teaching independent statistics classes to undergraduate students. Prior to her move to the United States, Bingbing worked for Dow Chemical Co., Ltd, Shanghai, China as a R&D Technician and Samyang Engineering Plastics Co., Ltd., Shanghai, China as a Quality Assurance Engineer.

Bingbing's interest in occupational health began when she worked for the DOW Chemical Company in Shanghai. At that time, she was EH&S focal point for her team and was responsible for implementing all EH&S compliance to all our research activities. Bingbing noticed that the entire local company EH&S professionals were actually still learning at the job as there is no college-level occupational health and safety training programs in China. Therefore, occupational health professionals who can promote safety and health awareness, who can provide responsible solutions to save the lives of working people, and promote a grounded quality of life for their families and communities are so needed in highly industrialized societies, especially in China.

Bingbing's ultimate goal is to absorb the intellectual richness and diversity of Industrial Hygiene Science to better serve people especially who are at risk for occupational and environmental health hazards. She believes conducting rigorous research and cultivating professional talents are the best ways to fulfill this goal. Bingbing looks forward to the day when she return's to China with her knowledge to bring a higher level of protection to workers and make contributions to the development of Occupational Hygiene educational programs in this country and across the globe.

Member News

Congratulations to the following members who recently retired.

Mike Juba, CIH is retiring from Koppers, Inc. in Pittsburgh where he has worked as an occupational health and safety professional since 1984. Mike started his career as an entry level industrial hygienist with Gulf Oil Corporation in 1976. Mike has been a member of the Pittsburgh AIHA since 1976 and has served on the local section board as Director, Vice President, and President.

Mark Perriello, CIH, CSP is retiring as Corporate Director Safety & Health for CBS Corporation where he worked for a total of 41 years between Westinghouse Electric Corporation and CBS Corporation in Pittsburgh. Mark has been a member of the Pittsburgh AIHA since 1975 and has served on the local section board as Director, Vice President, and President.

AIHA Government Affairs

Happenings On the Hill Report

The American Industrial Hygiene Association's - Government Affairs Department recently published the Happenings On The Hill newsletter on April 15. Headlines this issue include:

- Congress Settles In To Do Some Work
  TSCA Reform, Regulatory Reform, Child Labor
  Law for Logging, Injury and Illness Reporting,
  Occupational Safety and Health Appropriations,
  Safe patient Handling, OSHA Reform.

- Regulatory Activity
  Confined Spaces in Construction Rule, Silica Rule, Beryllium, Infectious Diseases Rule.

- Regulatory News Bits
  Click here to view the report.
Premier Safety provides you with The DROP, the world’s easiest-to-use rugged environmental data logger. Choose from three models based on your needs, and monitor and record the conditions of any environment. Easily access and chart real-time and historical data on your phone, tablet or other smart device with the Kestrel Connect app. The DROPs are ideal for monitoring conditions in construction, manufacturing, transportation and shipping, facilities management, agriculture, healthcare and pharmaceutical organizations, firefighting, the military field, shooting and hunting, and recreational and in-home use. Put a DROP virtually anywhere and ensure safe conditions when you can’t be there.

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Pittsburgh Member Named 2015 AIHA Fellow
(Content Adapted from National AIHA Press Release)

Congratulations to Pittsburgh AIHA Member Mark Hoover, PhD, CHP, CIH—Senior Research Scientist with the CDC/NIOSH who was nominated by the Nanotechnology Working Group. Mark will be among the 12 new distinguished Fellows honored at the first annual Mark of Excellence Awards Breakfast. He will receive his award at the Fellows SIG Meeting. Both events will take place on Wednesday, June 3 at the 2015 American Industrial Hygiene Conference and Exposition (AIHce) in Salt Lake City.

“We are honored to recognize this year's distinguished Fellows for their extraordinary dedication to the field of industrial hygiene and to AIHA,” said Christine A.D. Lorenzo, CIH, President of the AIHA Board of Directors. “Becoming a Fellow is a symbol of exceptional achievement for AIHA members. It will be a distinct pleasure to acknowledge their outstanding contributions at the Mark of Excellence Awards Breakfast.”

Fellows are nominated by a local section, special interest group, committee, or other formal AIHA entity, for their achievement in the field of industrial hygiene. Individuals are approved as Fellows by the AIHA Board of Directors after a recommendation by the Awards Committee. Fellow designation is limited to no more than five percent of the AIHA membership.

The new 2015 AIHA Fellows are as follows:

- **George E. Byrns, MPH, PhD, CIH** - Professor and Program Director of Environmental Health, Illinois State University; nominated by the Healthcare Working Group
- **Joseph Barry Graffeo, CIH** - Industrial Hygiene Consultant, Elanco Environmental Health/Safety; nominated by the Indiana Local Section
- **L. Faye Grimsley, PhD, CIH** - Associate Professor, Department of Global Environmental Health Sciences, Tulane University School of Public Health and Tropical Medicine; nominated by the Fellows SIG
- **Mark D. Hoover, PhD, CHP, CIH** - Senior Research Scientist, CDC/NIOSH; nominated by the Nanotechnology Working Group
- **Chrysoula J. Komis, PhD, CIH, CSP, CHMM, RBP** - Senior Scientist, Colden Corporation; nominated by the Philadelphia Local Section
- **Roger D. Lewis, PhD, CIH** - Chairman, Department of Environmental and Occupational Health, St. Louis University; nominated by the St. Louis Local Section
- **Bruce E. Lippy, PhD, CIH, CSP** - Director of Safety Research, The Center for Construction Research and Training; nominated by the Nanotechnology Working Group
- **Sheryl A. Milz, PhD, CIH** - Associate Professor of Public Health, University of Toledo; nominated by the Exposure Assessment Strategies Committee
- **Richard L. Neitzel, PhD, CIH** - Assistant Professor of Environmental Health Sciences, University of Michigan; nominated by the Noise Committee
- **Andrea M. Sass-Kortsak, PhD, CIH, ROH** - Associate Dean, Academic Affairs, Dalla Lana School of Public Health, University of Toronto; nominated by the Fellows SIG
- **Michael V. Van Dyke, CIH** - Chief of Environmental Epidemiology, Occupational Health and Toxicology, Colorado Department of Public Health and Environment; nominated by the Rocky Mountain Local Section
- **Martha A. Waters, PhD, MPH, CIH** - Senior Research Health Scientist, CDC/NIOSH; nominated by the Ohio Valley Local Section
AIHA Pittsburgh– Recent Job Opportunities

PPG Industries, Inc. - The Corporate EHS Team is seeking a talented individual for a **Transportation of Dangerous Goods Specialist**-Americas located at their Monroeville, PA site. The DG specialist provides dangerous goods transportation expertise to our businesses primarily in North and South America with special focus on UN, IMDG, IATA, US DOT, Transport Canada, and Mexico regulations. S/he will manage programs in support of dangerous goods compliance and transportation emergency response and will be the technical expert for package specifications, permits and special approvals, and audit processes. S/he will provide Dangerous Goods training and professional development opportunities for our logistics operations worldwide. In this role you can expect to travel roughly 30% of the time. Complete job description can be found on the Job Postings Page.

CBS Corporation in Pittsburgh currently has a job opening for **Director, Corporate Environmental, Health and Safety** in their Law Department. This position serves primarily in a corporate oversight role and establishes corporate policies on environmental, health and safety. Key responsibilities include:
- Provide overall guidance for environmental, health and safety compliance.
- Represent CBS’ interests in regulatory agency citation defense and remediation.
- Educate/train various groups and departments within CBS on environmental, health and safety work practices.
- Review and evaluate federal, state, and local regulations which could affect CBS locations.
- Provide assistance, advice, and consultation to CBS business units on corporate policy and resolve problems.
- Evaluate business unit and location environmental, health and safety practices and programs to assure compliance through an audit process.
- Work closely with the various business units through the EHS Council members.
- Gather and review business units’ information to identify areas of concern.
- Represent the Corporation at professional associations and ad hoc committees.
- Manage the actions of supporting staff.
- Update CBS Business Conduct Statement in the environmental, health and safety section.

All-Clad Metalcrafters in Canonsburg, PA is looking for a **EH&S Summer Intern** for 3 months over the summer. The Intern will be required to have completed at least 3 years of EH&S studies. Main Responsibilities:
- EH&S Intern will be responsible for assisting EHS Manager in completing and closing out First Reports, Audit Items, Action Items, along with tasks associated with the **Groupe SEB** Internal Audit, Price Waterhouse Sustainability Audit and other associated Environmental, Health and Safety aspects process.
- Follow-up on the Machine Guarding Project, Lock Out / Tag Out Program Enhancement; Roadway Designation to keep Pedestrians and Lift-trucks separated that was started in 2014.
- Daily EH&S activities to improve safety and health of employees.

Any interested applicants should send their resume to: [pitjobs@groupeseb.com](mailto:pitjobs@groupeseb.com) and mention in the subject “EH&S Summer Intern 2015”.

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To learn more, visit us at www.golsonlabs.com or contact Ed Stuber at 1-877-549-0546 or at estuber@golsonlabs.com.
OSHA to Lead Second Safety Stand-Down in May
Published March 25, 2015

OSHA’s second annual national safety stand-down will take place May 4–15. The safety stand-down is a voluntary event intended to raise awareness about fall hazards in the construction industry. The agency encourages employers and workers to pause a work day during the two-week timeframe to discuss fall hazards and the importance of fall prevention. According to OSHA, fatalities caused by falls from elevation are the number-one cause of death for construction workers: in 2012, 279 of the 806 fatalities recorded in construction were attributed to falls.

Last year’s stand-down reached more than one million workers, according to OSHA’s 2014 highlights of the event. This year, the agency’s goal is to reach more than three million workers over the two-week period. The stand-down is part of OSHA’s fall prevention campaign, which launched in 2012.

OSHA encourages trade associations; commercial construction companies; federal, state and local governmental agencies; sub- and independent contractors; general industry employers; and others to participate. The official website for the stand-down collects resources to help workplaces participate in the event, including free training materials, prevention videos, and additional educational resources such as fact sheets and posters. Following the stand-down, participants will be able to download a personalized certificate of participation from OSHA’s website and provide feedback on their experience.

For more information, visit OSHA’s official website for the safety stand-down.

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World Health Organization’s "Ebola Diaries" Series Recounts 2014 Outbreak
Published April 15, 2015

The World Health Organization (WHO) recently launched the “Ebola diaries,” a series of articles describing the experiences of people working on the front lines of the 2014 Ebola outbreak in West Africa. WHO intends for the series to cover events from the initial detection of the outbreak to the time when Ebola cases began to decline—from March 2014 to February 2015. Seven articles are already published on WHO’s website, including one installment that recounts the experience of infection prevention and control expert Dr. Cota Vallenas. The article, “Changing Health Worker Culture,” focuses on Vallenas’ deployment to West Africa, where she trained healthcare workers in infection control and the proper use of personal protective equipment.

View the new series on WHO’s website. For more information on WHO’s involvement in the outbreak, visit the organization’s Web page on Ebola.

NPPTL Provides Update on Respirator Certification Standards
Published April 22, 2015

NIOSH’s National Personal Protective Technology Laboratory (NPPTL) has provided an update regarding an interim final rule that extends the transition period for a 2012 final rule establishing new standards for the certification of close-circuit escape respirators (CCERs). The standards established in the 2012 final rule were originally designed to take effect over a three-year transition period, during which manufacturers were allowed to continue to manufacture, label, and sell respirators certified to the prior standards until April 9, 2015. Due to stakeholder concerns, NIOSH extended the April 9 deadline for products in three categories: Cap 1 mining, Cap 3 mining, and Cap 3 non-mining. The new deadline varies for each of these categories. For more information, see the NPPTL letter.