



AMERICAN INDUSTRIAL HYGIENE ASSOCIATION



Pittsburgh Local Section Newsletter January 2015

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Register Now for January 21, 2015 Event

Building Science and IEQ Investigations
Please join the Pittsburgh AIHA on Wednesday,
January 21, 2015 for our first event of the year.
Hosted by [AM Health & Safety](#)

Presenter: Joseph A. Hughes, Jr. CIEC, MRS—President of IAQ Training Institute, LLC

The event will include a 2-hour presentation on **Building Science and IEQ Investigations**. A discussion of building science and mold investigations including other types of IEQ issues and the role understanding building science plays in these investigations.

Date: Jan. 21, 2015

Time: 1:00 -3:00 PM

Location: [AM Health & Safety, Robinson](#)

Cost: \$20 member/non-member.

Students are free.

Cost includes: Presentation (refreshments will be provided compliments of AM Health & Safety)



**[Register online before
January 18, 2015](#)**

Letter from the Pittsburgh AIHA President

by Tad Pajak, President—Pittsburgh AIHA

"Get busy living or get busy dying." Love this quote and line from an oft played movie on television. A prisoner who is wrongly serving a life sentence has come to a decision in his mind as to whether he wants to die in prison or live by trying to escape. On a more cerebral note, there are no shortages of quotes from great men such as Calvin Coolidge, Theodore Roosevelt and Colin Powell to the affect: "If you do not have any failures in the upcoming year, then probably you are not challenging yourself."

There is something about a new year that gives us pause to evaluate what we are doing and plan to make changes to become either more impactful or broader in scope in what we do. The diversity of the industrial hygiene practice and the skills that we develop in practicing industrial hygiene makes us versatile in assessing occupational health exposures that on the surface would not seem to have any industrial hygiene concerns. Examples may be office workers and IAQ issues, restaurant cooking line employees and proper exhaust hoods and ventilation system systems, historical archive librarians and dust from book shelves, and care takers of beluga whales. The restaurant hood example is interesting because of the prevalence of this occupational exposure (PNOS). For restaurant canopy hoods we need know if it is adequately removing particulates from the worker's breathing zone and also ensuring fire safety and food safety. Knowing basic industrial ventilation principles and having an air flow meter to measure capture velocity can help us quantify whether the roof fan is adequately removing particulates. Whereas employees doing welding, or two part resin plastic pouring, those working with rubber adhesives or operating in a noisy environment are much more obvious what their concerns are, those working in the service sector have much more subtle

(Continued on page 2)



President's Letter (Continued from page 1)

occupational health exposures. These exposures often time challenge us to come up with solutions where there is not a clear cut standard that we can apply, but at the same time we want to quantify what the exposures are, and come up with a viable solutions that help allay employee concerns. The hospitality industry whether it be hotels, restaurants, or country clubs are littered with ergonomic hazards that the operators of those business' are appreciative of to advise them of basic principles that can make those work places safer for their employees.

Did you read the January issue of Synergist Magazine? It has an article on handling hazardous drugs HD, "Hazardous Drugs, The **Silent Stalkers** of Healthcare Workers?" (This gives new meaning to the abbreviation HD which we all generally associate with television.) OSHA does not have specific regulations on the safe handling of HDs. Therefore, exposure control has to be based on other guidelines and controls and other best practices to arrive at a safe solution to a potentially hazardous condition. From a fatality prevention seminar several years ago a major concept from that training was that in many instances where there was an occupational fatality; most times an OSHA standard was not violated. This demonstrates the importance of applying sound occupational health concepts where there may not be a specific standard to apply.

In 2015 may we all strive to continue to expand our occupational health horizons and make the workplace a better place for all workplace practitioners.

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**Important
DATE!**

Mark your calendar for our February Event!

Join us at the famous LeMont restaurant overlooking the beautiful city of Pittsburgh for a luncheon with guest speaker Dan Anna, Senior Industrial Hygienist at the Johns Hopkins Applied Physics Laboratory, and current President-Elect of the National AIHA.

AIHA's Strategic Direction: Pulling It All Together

AIHA is in the process of updating the strategic direction. This presentation will provide an overview of the current activities, the Envisioned Future Project, and content focus areas. Attendees will provide input to the strategy development process through facilitated discussions centered on the six identified prioritized focus areas.

Event Details:

- ⇒ Date: Wed. February 18, 2015
- ⇒ Time: 11:30~2:00 PM.
- ⇒ Cost: \$30 members/non-members.
- ⇒ Lunch: Chicken Marsala, Grilled Salmon or Grilled Chicken Caesar Salad.
- ⇒ Reg. Deadline: Monday, February 16
- ⇒ Location: LeMont, Pittsburgh PA.

Pittsburgh AIHA Local Section Elections— We Need You to Get Involved!!

Help support your profession! The Pittsburgh AIHA needs volunteers who would like to run for Local Section office for 2015—2016. We are looking for candidates to be on the ballot for President-Elect, Director, and Secretary. The online election will be held mid-February.

Responsibilities of the President-Elect (1-year term as President-Elect followed by 1-year term as President) are as follows:

- ◆ Function as President in the President's absence;
- ◆ Chair the Program Committee and serve as a non-voting member of the Local Sections Council;
- ◆ Receive the opportunity to attend the AIHA National Leadership Workshop in Washington D.C. with, all expenses paid.
- ◆ Attend as many local section meetings and Board of Directors meetings as able, especially in the President's absence.

Responsibilities of the Director (2-year term) are as follows— does not need to be a member of the National AIHA:

- ◆ Assist in setting direction and tone for the local section; and
- ◆ Chair various committees and assume other work as assigned by the President.

Responsibilities of the Secretary (2-year term) are as follows:

- ◆ Take meeting minutes—The secretary is responsible for recording discussions, motions and outcomes, ballots, and other relevant information from section meetings.
- ◆ Hand over bylaws and files to the incoming secretary and send bylaw changes to national AIHA for Board approval (see Bylaw Revisions).

For more information, to nominate someone or to volunteer and share your own leadership skills, time and talents, contact any member of the Executive Committee listed on our website at <http://www.aiha.org/localsections/html/Pitts/contact.htm>.



2014 Winter Business Meeting Minutes

The Executive Committee held a business meeting on December 4, 2014 at DeBlasio's Restaurant.

The event program for 2015 was the main focus of this meeting and the preliminary meeting schedule was developed. Other topics discussed during the meeting were Pittsburgh AIHA Election, and Treasurer's and Secretary's Report. [A link to the meeting minutes has been posted on our website.](#)

Thank you to those in attendance:

Tad Pajak, Local Section President	Stanford Liang, Director
Bernie Quinn, President Elect	Christy Kirsch, Corresponding Secretary
Maureen Sammons, Treasurer	Frank Pokrywka, Secretary
Dietrich Weyel, Member	Dennis Kelly, Director
Steve McGough, Member	BingBing Wu, WVU Graduate Student
Keenan Monaghan, WVU Graduate Student	

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Treasurer's Report

Submitted by Maureen Sammons, EMSL Analytical, Inc., Treasurer-Pgh. AIHA

The following report was provided to attendees of the December 4, 2014, Business Meeting.

1. A \$500 check was sent to the Carnegie Science Center on October 17, 2014, for our continued support of the Pittsburgh Regional Science and Engineering Fair. The Fair is scheduled for March 27, with the awards luncheon on March 28.
2. As of October 31, 2014 (have not yet received November's bank statement), we've generated \$1,370.64 in revenue, and \$2,319.88 in expenses, **giving us a bank balance of \$7,712.76**. Here's the breakdown:

2014 REVENUE

\$240.00 – Member Dues
 \$80.00 – Meeting Revenue
 \$1,050.00 – Corporate Sponsorship
 \$0.00 – Advertising
 \$0.64 – Misc. Income

2014 EXPENSES

\$165.89 – Meeting Expenses
 \$1,625.00 – Secretary Services
 \$28.99 – PayPal Charges
 \$500.00 – Misc. Expenses

As compared to last year (October 31, 2013), our revenue decreased by \$491.08, and our expenses decreased by \$1,496.68. Last year's breakdown:



2013 REVENUE -- \$1,505.14

\$15.00 – Member Dues
 \$764.00 – Meeting Revenue
 \$450.00 – Corporate Sponsorship
 \$140.00 – Advertising
 \$1.14 – Misc. Income

2013 EXPENSES -- \$3,816.56

\$1,731.79 – Meeting Expenses
 \$1,525.00 – Secretary Services
 \$28.69 – PayPal Charges
 \$531.08 – Misc. Expenses

Our Certificate of Deposit will mature on July 30, 2015. Its current balance is \$13,413.45.

\$1,000 Local Section Scholarship Offered Through the AIHF

Submitted by Maureen Sammons, EMSL Analytical, Inc., Treasurer-Pgh. AIHA



The Executive Committee is pleased to announce that we are once again offering a \$1,000.00 scholarship through the American Industrial Hygiene Foundation to a West Virginia University student in the IH Graduate Program, with a cumulative GPA of 3.0 or better.

Per AIHF's website, "Scholarships are awarded based on the availability of funds provided through contributions from AIHA members, individuals, corporations, and local sections. Students do not apply for a specific scholarship. Students who complete an application will be considered for all the scholarships for which they are eligible. The AIHF Scholarship Selection Committee will determine the scholarship awards during the selection process."

The deadline to submit an application is February 27, 2015. Interested students should visit their website at <https://www.aiha.org/about-aiha/AIHFoundation/Pages/Scholarship-Application-and-Eligibility-Requirements.aspx> for additional information and to download the application.

We wish you the best of luck!

Your Input Is Needed on Respiratory Protection Program Administration and Fit Testing

AIHA.org, Posted January 7, 2015

AIHA® is asking industrial hygiene and allied professionals to provide feedback on the tasks, skills, and knowledge areas that are essential for competent respiratory protection program administration and respirator fit testing. Stakeholder participation is vital to ensure a comprehensive and valid final product that covers the critical areas of practice. **The Respiratory Protection Job/Task Analysis Survey will be open through Sunday, Feb. 1, 2015.** Those who complete the survey will be directed to a link to enter into a drawing to win one of ten \$50 gift cards.

[Click Here to take the survey.](#)





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Job Opportunities:

**Skelly and Loy,
Environmental Project Manager**
Location: Pittsburgh
Apply To: Jobs@skellyloy.com



JOB DESCRIPTION

Skelly and Loy is seeking an individual to serve as an Environmental Project Manager to assist our environmental projects. Individual must have a strong work ethic, field experience, technical writing skills, and be willing and able to travel.

EDUCATION / EXPERIENCE

- BS degree in Environmental Science or a combination of work experience and/or technical training.

RESPONSIBILITIES

- Conduct Phase I, II, and III Environmental Site Assessments
- Data and report work associate with Site Remediation And Brownfields Activities
- Manage field sampling teams for asbestos, lead, mold, surface water and groundwater, chain-of-custody verification.
- Prepare reports to Client.
- Collection and interpretation of field data.
- Download/upload data from field monitoring instruments.
- Coordinate work schedule with supervisors.
- Meet project schedules, budgets, and deliverables.
- Sales and Marketing
- Verify contractor compliance with Federal and State Regulations.

REQUIRED SKILLS

- Computer skills including proficiency in Microsoft Word, Excel, and Outlook.
- Time, resource, and writing skills.
- Responsiveness to client and project requests.
- Ability to work on multiple project assignments concurrently while adhering to schedules and deliverables.
- Ability to lead and work in a team environment.

PPG Industries, Inc.—Industrial Hygiene Laboratory Supervisor (1400009128)

Location: Pittsburgh, Springdale - Coatings Research and Development Center

RESPONSIBILITIES

This position has accountability for the supervision of the Corporate Industrial Hygiene Laboratory (IH Lab) including supervising two IH lab associates and one part-time associate. Roles include Quality Manager for the AIHA (American Industrial Hygiene Association) accreditation maintained by the IH Lab, sample management, documentation management, liquid chromatography analyst, and global customer support for all PPG locations using the IH Lab. This person is required to comply with ISO/IEC 17025, for ensuring compliance with the standard, and to continually improve the effectiveness of the quality systems. This individual is responsible for all quality control assurance processes in the IH lab (i.e. analysis peer reviews, equipment calibrations), high performance liquid chromatography analyses, accreditation documentation management, management of laboratory budget, customer

support, sample management including the Lab Information Management System (LIMS) and the IH database (IHMap), implementation of any corrective actions performed at the lab including the authority to halt work and withhold test results along with the authority to state when work can be resumed, and serve as a back-up analyst for gas chromatography and gravimetric analyses. The position shall also function as the approved signatory. The position requires interfaces with SBU EHS Directors and Managers and Plant EHS Staff across the corporation.

QUALIFICATIONS

Bachelor's degree in chemistry or a related discipline with a minimum of 7 years experience; working knowledge of gas chromatography and analytical analyses; experience in laboratory quality assurance and documented training in statistics or laboratory quality assurance/quality control. Excellent organizational skills required. Knowledge of Industrial Hygiene is a plus.

PPG Industries, Inc. -Manager, Product Compliance & Raw Materials (1400008571)

Job Location: Pittsburgh, Monroeville, PA - Coatings Research and Development Center

JOB DESCRIPTION

PPG Industries is seeking a talented individual for a Manager, Product Compliance & Raw Materials located near Pittsburgh, PA in Monroeville, PA. Responsibilities include the following:

- Manage the development, maintenance and support of the Global Product Stewardship (GPS) System, PPG's system for providing automated generation of compliant Safety Data Sheets (SDS) and warning label data globally.
- Manage the functional strategy development and Corporate Raw Material and Product Compliance staff responsible for PPG's worldwide raw material, substance, product compliance and substance hazard evaluation functions.
- Provide Product Compliance and Raw Material expertise to regions and business units as new regulations are introduced.
- Manage the development and implementation of corporate sponsored GPS System and Raw Material Management enhancement projects and provide leadership as the key resource for EHS IT communications and direction.

QUALIFICATIONS

A degree in Chemistry, Chemical Engineering or Industrial Hygiene is required in this position. The incumbent should have at least ten years of management experience including EHS, technical or operations.

FUNCTIONAL AND TECHNICAL SKILLS

A high level of human relations and leadership skills are required. The incumbent must maintain effective relationships internally and externally and influence the decision making process through mutual respect, cooperation, and effective communications in order to maximize the value to PPG. Excellent planning and organizing skills are required for this position.

For more information, visit <http://www.ppg.com/>.

Indoor Wood-Burning Can Affect Air Quality

U.S. Environmental Protection Agency offers tips to lessen fire's health impact.



FRIDAY, Jan. 2, 2015 (HealthDay News) -- Although many people enjoy gathering around a fire during cold winter months, fires that aren't built properly can affect air quality and people's health, according to the U.S. Environmental Protection Agency (EPA).

Smoke coming out of the chimney is one sign that a fire isn't burning efficiently. Smoke from wood contains fine particles, known as fine particle pollution. These particles can injure the lungs, blood vessels and the heart. Children, older people and those with heart and lung disease are at greatest risk from fine particle pollution, according to the EPA.

EPA tips for building a cleaner-burning fire include:

- Only use dry, seasoned wood. These logs will make a hollow sound when you strike them together. Avoid burning wet or green logs that create extra smoke, and waste fuel.
- Check the moisture. The moisture content of wood should be less than 20 percent. Wood moisture meters are available at home-improvement stores so wood can be tested before it's burned. They may cost as little as \$20 or less, according to the EPA.
- Use dry kindling to start a fire. Next, add a few pieces of wood. Be sure there is space between the logs so there is enough air to get the fire going.
- Dirty glass doors on wood stoves, or smoke from the chimney are both signs that wood is too moist or the fire needs more air.
- Never burn garbage, cardboard, painted wood or any wood that is treated or contains glue, such as plywood or particle board. These materials can release harmful chemicals when they are burned. They can also damage a wood stove.
- Be aware of air quality. Some areas limit the use of wood stoves and fireplaces under certain air quality conditions. You can find out what the air quality forecast is in your area on airnow.gov.

If you use a wood stove to heat your house, you can save wood and create less smoke with an EPA-certified wood stove. In January 2014, the EPA proposed updates to its requirements for newly made wood heaters that will make these products cleaner in the future. Final regulations are expected to be announced in February 2015.

More information:

Visit the EPA's Burnwise webpage for more information on Winter Fire Safety and Consumer's Best Burn Practices:

<http://www.epa.gov/burnwise/bestburn.html>

Click below to subscribe to the BurnWise RSS Feed -



SOURCE: U.S. Environmental Protection Agency, news release, Dec. 22, 2014

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