

## Message from the President –

Hello fellow NJAIHA members. Despite two snow storms to start March, spring will be here soon!

Welding fumes are very small particles that are formed when the vaporized metal rapidly condenses in air. Metals in welding fumes may include Aluminum, Antimony, Arsenic, Beryllium, Cadmium, Chromium, Cobalt, Copper, Iron, Lead, Manganese, Molybdenum, Nickel, Silver, Tin, Titanium, Vanadium, and Zinc. There are also gases produced by welding including Carbon Monoxide, Ozone, Phosgene, Hydrogen Fluoride, and Carbon Dioxide. My aunt Jeanne was a journeyman welder at nuclear power plants in Texas and Maine for about 20 years and her job included welding repairs during the shutdowns. She was also incredibly talented at other types of welding including original, welded works of art such as sculptures, picnic beverage holders, beer can chicken cookers and barbecues. She was not a union worker at the power plants, and unfortunately, didn't have the health and safety protections of the union. Similar to many workers that I have encountered throughout my career, she was fiercely independent and set in her ways. Jeanne got sick at an early age and went through a painful sickness before she died of intestinal cancer when she was just 57 years old. I suspect that she became sick because of the welding fume exposures over the course of her career. There are other non-unionized welders out there today who are not being protected by their employers. I wish that I had been an Industrial Hygienist 20 years ago and been part of the NJAIHA so that I could have the community of professionals to help advise Jeanne about the hazards of her work environment and perhaps avoid her sickness. Luckily for the workers in NJ today that there is an organization like ours with amazing people who can look out for their health and safety.

In the pursuit of worker protection in New Jersey, there is an exciting opportunity at NJAIHA to actively participate with the Executive Board as President-elect. We have an outstanding group of industrial hygiene professionals on the Board and I am sure whoever decides to participate will enjoy their time and involvement. I have personally enjoyed participating on the board and encourage others to reach out to me or anyone on the board if you are interested or have any questions. The term for this position is only one year. The president-elect is primarily responsible for organizing the monthly meetings.

We had an excellent February NJAIHA Meeting. Thomas Abdallah, P.E. of NYC Transit and Columbia University presented on sustainability at NYCT and other innovative transit agencies around the world. He also educated us with case studies from his book Sustainable Mass Transit. Tom discussed sustainable initiatives including regenerative braking and dedicated bus services that have been included in train and bus networks to maximize energy efficiency. Jack Glass, MS, CIH of ALC Environmental presented the after-dinner session on NYC Local Laws 55 and 61. Jack presented on the moisture intrusion and microbial remediation that are required by the newly-enacted NYC Local Laws 55 and 61. Thanks to Tom and Jack for great presentations (see photos on page 9).

We look forward to seeing all of you at our March meeting.

Sincerely,



Doug Glorie, PE, CIH  
President NJAIHA

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## Obtain Knowledge and CIH Maintenance Points through AIHA "eLearning"

NJAIHA has renewed its subscription for the AIHA eLearning program. If you are a NJAIHA member in good standing, you will have access to the designated AIHA eLearning programs at no charge to you. Updates for the NJAIHA roster are made quarterly.

The 2019 package will include 10 contact hours of live webinars or the associated archive recordings and 10 contact hours of selected sessions from the AIHCe EXP OnDemand. NJAIHA receives two live connections to the designated webinars. If you are not able to participate in a live webinar, the recordings will be made available on line within a few days after the live webinar.

If you would like to use one of the two live connections for an eLearning webinar or to host a group at your location, please contact Barb Woodhull at [barb.woodhull@us.bureauveritas.com](mailto:barb.woodhull@us.bureauveritas.com) to make your reservation. First come, first served and we will try to allow as many people to take advantage of this opportunity as possible.

## Peter Harnett Honored by AIHA with the Distinguished Fellow Award

By Tim Rice, NJAIHA Historian



We are very pleased to announce that long-time NJAIHA member and NJAIHA Past-President, **Peter Harnett**, MS, MPH, CIH, CSP, has recently been honored by AIHA with the **Distinguished Fellow Award**. Distinguished AIHA Fellows are full AIHA members in good standing, have a minimum of 15 years of continuous membership, and have been nominated by their peers and colleagues (in this case, Peter, by the New Jersey Local Section) for their recognized achievements and exceptional contributions to the industrial hygiene profession. Nominated individuals are approved as Fellows by the AIHA Board of Directors after a recommendation by the Awards Committee. The Fellow designation is limited to no more than five percent of the AIHA membership.

Peter has been an active member of NJAIHA since 1989 and served as NJAIHA President in 2005-2006. He has received a number of awards over the years for his work with our Section, including for his involvement with the NJAIHA Summer Industrial Hygiene Review Course. Peter served as Summer Course Director in the mid-1990's, was the primary force behind moving the course materials from a book to an online format in 2013, and has provided one or more classes in the Course from 1995 to present. Additionally, those of you who attend our monthly NJAIHA dinner meetings are well familiar with Peter being a frequent technical session presenter.

Peter has also been prominent at the national level, as he currently is Chair of the AIHA Opioid Responder Working Group, is a member of the AIHA Laboratory Health and Safety Committee (serving as Chair in 2006-2007), and has prepared and presented commentary in Washington, DC at NIOSH and OSHA public hearings on proposed standards and potential regulation.

Peter currently serves as Environmental Health and Safety Manager for Lockheed Martin/Leidos in Edison, NJ, and is also Senior Consulting Industrial Hygienist with Counsel In Occupational and Environmental Health, Inc. in Ringoes, NJ.

Peter and the other new 2019 Distinguished Fellows will be introduced during the fifth annual Mark of Excellence Awards Breakfast on Wednesday, May 22, at the 2019 American Industrial Hygiene Conference and Exposition (AIHce EXP) in Minneapolis, Minnesota.

NJAIHA is very proud to have another one of our own join the distinguished ranks of AIHA Fellow. Congratulations from all at NJAIHA and job well done, Peter!



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# Dual Concentration in Rutgers School of Public Health (SPH) Environmental and Occupational Health (ENOH) Department, including Occupational Safety and Health MPH

The MPH concentration in occupational safety and health at Rutgers School of Public Health (SPH) has been approved. This is now one of two concentrations within the Department. Please note you can go online and see details at:

[http://sph.rutgers.edu/departments/ENOH/curriculum/mph\\_osh.html](http://sph.rutgers.edu/departments/ENOH/curriculum/mph_osh.html)

A formal application to the program is done through SOPHAS.

<http://sph.rutgers.edu/admissions/apply.html>

Please select “occupational health” (and not “environmental health”) among choices under Rutgers SPH, listed at: <http://sophas.org/program-finder/?degree=MPH&institution=997>

Admissions requirements, and deadlines for application submission, are posted at SOPHAS and on main Rutgers SPH website. Contacts: Dr. Derek Shendell (shendedg@sph.rutgers.edu) and Dr. Koshy Koshy (koshyko@sph.rutgers.edu)

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## OUTREACH UPDATE

We are working hard to continue to build momentum in our Outreach Program and we need your help. We are currently developing materials, both written and visual, that can be used at conferences, job fairs, presentations at high schools and colleges, etc. and we are looking for NJAIHA members to share your passion and story as to why you became an industrial hygienist. If you weren't already planning to attend our monthly meeting next week, please come and join us so we can gather your testimony and a picture (with your approval of course).

Attracting students and young professionals to become industrial hygienists or pursue other disciplines in the environmental, health and safety field is a need recognized by national AIHA and your Executive Committee has taken this challenge on here in New Jersey. For this to be most successful, these students and young professionals will benefit immensely by being able to connect with you who are actively protecting the health of our workforce.

Please plan on joining us!

If you have any questions, please contact me at [cdoolittle@trcsolutions.com](mailto:cdoolittle@trcsolutions.com) or 973-670-9793.



Protecting New Jersey Worker Health

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## March 2019 – Dinner Meeting

(Joint Meeting with NJAIHA/ASSP/MABSA)

**DATE:** Thursday, March 21, 2019

**PLACE:** Snuffy's Pantagis Renaissance, 200 Park Ave, Scotch Plains, NJ 908-322-7726

**AGENDA:**

**3:30 p.m.** AIHA, NJ Section, Inc. - Executive Committee Meeting

**5:00 p.m.** Registration/Networking/Cash Bar

**5:40 p.m.** Before-Dinner Session:

**Topic: Moment of Truth: Are we ready for the next big environmental disaster?**

It's not like it hasn't happened before... In the early days after 9/11, dozens of experts from the private and public sectors descended upon NYC to grapple with the safety and industrial hygiene aspects of the disaster. This presentation will focus on what we learned from this disaster and how to prepare for future disasters. What resources and equipment are needed to protect responders, PPE selection and distribution amongst multiple agencies and how sampling data needs to be shared will be discussed.

**Speaker:** Kelly McKinney, Senior Director, Emergency Management + Enterprise Resilience, NYU Langone Health

**6:30 p.m.** Dinner – Members \$30, Guests \$40.

Students and unemployed NJAIHA members are free (Subsidized 100% for Dinner Meetings)

**7:15 p.m.** After-Dinner Session:

**Topic: Two-Phase Flow Pressure Relief System for Runaway Reactions**

There have been major accidents a result of the failure of process safety design to adequately address the possibility of runaway reactions. Dr Zhao's presentation will help us design new facilities and review existing reaction systems to ensure that they are adequately protected against the possibility of runaway reactions. He will address the importance of two-phase flow vent sizing for runaway reactions and identifying the worst credible overpressure scenarios using Process Hazard Analysis (PHA) techniques to establish the design basis.

**Speaker:** Guibing Zhao, PhD is Technical Director of Dekra Process Safety Americas and is a Senior Member of AIChE and an active participant in DIERS.

Please register by Tuesday, March 19, 2019, by calling or emailing Ronnie Tutty at 973-300-0144 or [njaiha@ptd.net](mailto:njaiha@ptd.net), or register online at: <http://www.njaiha.org/event/March-2019-dinner-meeting/>

**DIRECTIONS:**

Pick up Route 22 West to sign reading "Mountain Ave. – Scotch Plains". Take Mountain Ave. thru 2nd traffic light to parking lot entrance on the right (just after intersection).

**Coming from New York City - Lincoln or Holland Tunnels or George Washington Bridge -** take NJ Turnpike SOUTH to Newark Airport Exit #14 and follow common directions above.

**Coming from Staten Island -** Go over the Goethels Bridge and exit to the NJ Turnpike NORTH. Take the Turnpike to Exit #14 to Route 22 WEST and follow common directions above.

**Going NORTH on Garden State Parkway -** Exit #140 to Route 22 EAST. Bear to LEFT to take jug handle to Route 22 WEST and follow common directions above.

**Going SOUTH on Garden State Parkway -** Exit #140A to Route 22 WEST and follow common directions above.

**Coming from New Brunswick and Points South -** Pick-up Route 287 NORTH (Exit #10 at Edison from the NJ Turnpike or Exit #127 from the Garden State Pkwy.) Take 287 NORTH to Somerville, Exit to Route 22 EAST to Scotch Plains. Entrance on right, after Blue Star Shopping Center and before Park Ave. overpass.

**Coming from PA or Points West -** Route 78 EAST to Exit #41. Follow signs to Route 22, Scotch Plains. At 3<sup>rd</sup> traffic light turn right to go over Overpass to Park Ave. Stay in right lane of overpass and at next light turn right onto Mountain Ave. Make first right turn to enter parking lot.

# OUR LOCAL SECTION OFFICERS

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## Job Postings and Website Links

There are many job postings on our web site. If you are looking or just curious check them out.

<http://www.njaiha.org/resources/job-postings/>

There are several job postings on these other organization web sites as well:

<http://nj.asse.org/current-openings/>

<http://www.philaaiha.com/Employment.htm>

<https://www.aiha.org/get-involved/LocalSections/MetroNewYork/Resources/Pages/Job-Opportunities.aspx>

### Visit NJAIHA On-line

NJAIHA is continuously posting relevant information on industrial hygiene principles and practice on these webpages. Feel free to find out current events which may affect your business or industry and continue the conversation on a regional, national, and international level.

Facebook: <https://www.facebook.com/njaiha/>.

LinkedIn: <https://www.linkedin.com/groups/3675325>

### AIHA Legislative Connection

Interested in what's going on in the Federal and State Governments? Follow the link below to the National AIHA Government Relations Action Center:

[Government Relations Action Center](#)



## Recent NJAIHA Activities in Pictures

Tim Rice, NJAIHA Historian



### February 2019 NJAIHA Dinner Meeting - 2/21/19 at Snuffy's



(left) Our before-dinner speaker Thomas Abdallah, P.E., LEED AP, Deputy Vice President and Chief Environmental Engineer, MTA New York City Transit, makes a point during his forward-looking presentation, "*Sustainable Mass Transit: Challenges and Opportunities in Urban Public Transportation*". Mr. Abdallah's talk focused on why mass transit is the best solution for cities, and gave numerous examples of sustainable initiatives used in train and bus networks to, among other things, maximize energy efficiency, save natural resources, and provide climate adaption measures.



(right and bottom) After-dinner speaker Jack Glass, MS, CIH, Vice President of Environmental Health and Safety, ALC Environmental, NYC, NY, emphasizes for attendees one of the challenges faced with implementation of recently-enacted NYC administrative code amendments during his talk, "*NYC Local Laws 55 and 61 of 2018*". NYC Local Law 55 deals with the control of pests and other asthma allergen triggers in dwellings and requires annual inspection of units for signs of mold or moisture. Local Law 61 requires owners to use certified mold remediators and assessors on projects over 10 square feet.





## **Industrial Hygiene and Safety Review Course June – August 2019**

- **Prepare for CIH and CSP Exams**
- **Earn Certification Maintenance Points**
- **Training for Employees**

**Tuesday and Thursday Nights  
Rutgers EHS Building, Piscataway, NJ**

### **17 IH Classes**



### **11 Safety Classes**



**\$30 per Night or \$150 for All Access**

**For more information and to register, visit  
<http://www.njaiha.org/events/njaiha-summer-review-course/>**

# Weekly State & Federal Government Relations

## Update: March 1, 2019

Mark Ames

*Below is the March 1, 2019 edition (posted a little early!) of AIHA's Weekly State & Federal Government Relations Update.*

*Your feedback and questions are always welcome.*

*Do you have a question on something that wasn't addressed in this week's Update? Please let us know and we'll be happy to respond.*

*Thanks for your volunteerism and have a great weekend!*  
*-Mark*

## US House Education & Labor Committee Holds Hearing on Workplace Violence

Earlier this week, the US House of Representative's Education and Labor's Subcommittee on Workforce Protections held a hearing entitled "Caring for Our Caregivers: Protecting Health Care and Social Service Workers from Workplace Violence".

"Workplace violence is a serious concern for 15 million health care workers in the United States," said Representative Alma Adams (D-NC-12), who chairs the subcommittee. "Although health care facilities are viewed as a place to get well, the reality is that day-to-day work in these facilities exposes many employees to an unacceptably high risk of violent injury. Last year, the Bureau of Labor Statistics reported that health care and social service workers were nearly five times as likely to suffer a serious workplace violence injury than workers in other sectors," Chairwoman Adams continued.

During the hearing the Workplace Violence Prevention for Health Care and Social Service Workers Act ([H.R. 1309](#)) was also discussed. This bill would, among other things, direct the Secretary of Labor to issue an occupational safety and health standard that requires covered employers within the health care and social service industries to develop and implement a comprehensive workplace violence prevention plan. AIHA supports this bill.

For additional information on the hearing, including the archived webcast, Chairwoman Adams' opening statement, and witness testimony, please visit <http://bit.ly/2SZjY28>.

## Updates on Notable and Key Bills

### Maine

- LD 1017: This bill proposes to create statutory and regulatory requirements that are designed to prevent harm to employees by substituting for or eliminating highly toxic and hazardous chemicals in the workplace.
  - AIHA Position: Not Established
  - Status: (2/26) Referred to the Committee on Labor and Housing

## Nevada

- AB 175: An Act relating to environmental health specialists; exempting certain persons from the applicability of provisions governing the practice of environmental health; revising provisions relating to the duties and powers of the board which governs environmental health specialists; revising provisions governing the requirements for application for and registration of environmental health specialists and environmental health specialist trainees; authorizing the issuance of temporary registrations to engage in the practice of environmental health to certain persons; revising the definition of the practice of environmental health; revising provisions governing continuing education; revising provisions governing complaints, grounds thereof and disciplinary action against applicants for and holders of registration to engage in the practice of environmental health; repealing certain provisions which set forth certain duties of the board which governs environmental health specialists; providing civil penalties; and providing other matters properly relating thereto.
  - AIHA Position: Not Yet Established
  - Status: Hearing scheduled for 3/4/19
- SB 119: Requires certain health and safety training for workers and supervisors performing work at sites where exhibitions, conventions or trade shows occur.
  - AIHA Position: Not Yet Established
  - Status: Hearing scheduled for 2/27/19

## Oklahoma

- HB 1260: Creates a revolving fund for the Department of Labor to be designated the "Department of Labor Administrative Penalty Revolving Fund". The Department of Labor shall retain up to \$30,000.00 of monies accruing to the credit of the Department of Labor Administrative Penalty Revolving Fund, derived from citations for violations of the Oklahoma Occupational Health and Safety Standards Act, per fiscal year. Said monies shall only be used in support of this act for the production and dissemination of workplace safety educational materials, for workplace safety educational presentations and training, or for the acquisition of workplace safety equipment.
  - AIHA Position: Not Yet Established
  - Status: (2/25) Passed House by a vote of 98 to 1

## Rhode Island

- SB 90: This act would create the "Healthy Workplace Act of 2019" and would establish a cause of action against employers and employees for workplace bullying, harassment and other abusive conduct that is tolerated by employers and which may not fall into other categories already protected such as race, color and sex or sexual orientation.
  - AIHA Position: Not Yet Established
  - Status: Hearing held on 2/27

## Washington State

- HB 1725 / SB 5550: Would establish a pesticide safety committee. The first priority of the committee is to explore how the departments of agriculture, labor and industries, and health, and the Washington poison center collect and track data. The committee must also consider the feasibility and requirements of developing a shared database, including how the department of health could use existing tools, such as the tracking network, to better display multiagency data regarding pesticides. The committee may also evaluate and recommend policy options that would take action to, among other things: Improve pesticide application safety with agricultural applications; Lead an effort to establish baseline data for the type and quantity of pesticide applications used in Washington to be able to compare the number of exposures with overall number of applications; and Research ways to improve pesticide application communication among different members of the agricultural community, including educating the public in English and Spanish about acute and chronic health information about pesticides.
- AIHA Position: Not Yet Established
- Status:
  - HB 1725: Hearing held on 2/28
  - SB 5550: Hearing held on 2/25

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Mark Ames  
AIHA  
Falls Church VA  
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