



# Newsletter

Volume 17, Issue 8

October, 2017

## Message from the President – Craig Doolittle

Greetings:

With natural disasters dominating the headlines recently, there are just as many advertisements and requests to help out. How best to decide where and how to help? Well, that is a personal decision that each one of us makes based on our judgment and heart. But I think we can all agree that when AIHA itself reaches out to its members to appeal for their assistance, our local chapters can be assured that the need exists and the cause is worthy. In case you missed it, I have included the note to all AIHA members here:

Dear AIHA Member,

Over the last few weeks I've been keeping you informed about our efforts to help those affected by the recent natural disasters. Today I am calling on you directly to help the people of Puerto Rico, who will be facing infectious diseases and other hazards in the coming months.

I received an email from Professor Sergio Caporali Filho, Ph.D., CSP, CIH, the coordinator of the Industrial Hygiene Program at the University of Puerto Rico Graduate School of Public Health. The full-time faculty and volunteer graduate students from the program want to provide their communities with the knowledge to protect themselves from injury and illness during the recovery process. However, to do so they will need protective gear. So I ask all of you, if you can, to please send one or more of the items listed on our [Disaster Response Resource Center](#).

Each donor will receive acknowledgment of their donation's arrival, including a general description of contents, within one week. When donated goods are delivered to communities, donors will be informed of what was donated and to whom. The program is not asking for, nor will it accept, any monetary donations.

**The IH community in Puerto Rico is seeking our help, and as I said in my last letter, our individual contributions may be small, but together, we can make a difference. Will you answer the call?**

Please feel free to donate directly to support this urgent cause; however, if you have any questions, please email [Professor Caporali](#). Please note, there may be a delay in his response due to the challenges in internet coverage.

Sincerely,

Deborah Imel Nelson  
**AIHA President (2017-2018)**

And now on to a couple other items –

### **National Fire Prevention Week (October 8 – October 14, 2017)**

This past winter, two houses burned down not 100 yards from my home and I want to take the time to remind everyone of National Fire Prevention Week. NFPA has quite a bit of resource information on their website on this at [www.nfpa.org](http://www.nfpa.org). On the IH side of this topic, NIOSH also has a section of their website devoted to firefighter safety at: [www.cdc.gov/niosh/fire/](http://www.cdc.gov/niosh/fire/).

### **PDC/NEIHC Update**

Plans are mostly complete and advertisement and event promotion are next. If you haven't blocked off these dates already, please mark your calendar for November 30<sup>th</sup> (PDC @ PSEG, Hadley Rd South Plainfield, NJ) and December 1<sup>st</sup>, (NEIHC @ Westin Princeton at Forrestal Village. See details in this Newsletter on the PDC (pages 9-10). Speakers for the NEIHC are still being finalized and additional details on this will be provided shortly. I look forward to seeing you at our next meeting.

Best Regards,



Craig R. Doolittle, PE, CSP  
President NJAIHA  
Best regards,

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### Contact

973-597-0750 • [gary@phaseassociate.com](mailto:gary@phaseassociate.com) • [www.phaseassociate.com](http://www.phaseassociate.com)





## October 19, 2017 – Dinner Meeting

### NJAIHA OFFICERS

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Craig Doolittle  
TRC Environmental  
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Doug Glorie  
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and Environmental  
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201-417-2666

Publications  
Mark Ostapczuk  
HETI  
201-783-6621

Executive Secretary  
Ronnie Tutty  
973-300-0144

Historian  
Tim Rice  
908-782-2102

Webmaster  
Jack Zybura  
LSG&A  
908-955-7763

**DATE:** Thursday, October 19, 2017

**PLACE:** Snuffy's Pantagis Renaissance, Route 22 East, 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

**5:50 p.m.** Before Dinner Session: **Remote Monitoring Made Real Time**, Presented by **John Iannotti, Technical Sales Representative, Pine Environmental**. Topic: John will discuss telemetry solutions for environmental data collection. The presentation will include Real-time alerts and alarms, local and remote via text messaging and e-mail, Perimeter Air/Dust data collection, Sound Level data collection, Weather Station, as well as Water Quality and Water Level capabilities.

**6:30 p.m.** Dinner – Members \$30, Guests \$40.  
Students and unemployed are free (subsidized 100% for dinner meetings). Online registration is now available at: <http://www.njaiha.org/event/october-2017-dinner-meeting/>.

**7:15 p.m.** After Dinner Session: **GHS Classification Shock; Scientific Approaches to Hazard Inversion**, Presented by **Don Ewert, Industrial Hygienist, Occupational Health Services, RJ Lee Group**. Topic: This presentation offers attendees an introduction to HazCom 2012 along with a discussion of the impact which GHS rules have had on hazard classification of products containing crystalline silica. Using international GHS guidelines and 1910.1200 Appendix A, the presenter will lead participants through a review of the technical methods employed in product characterization, offer a discussion on exemptions which occur under GHS and provide descriptions of the techniques we use to reclassify or "hazard invert" those products containing Respirable Crystalline Silica (RCS).

*Please register by **Tuesday, October 17, 2017**, by calling **Ronnie Tutty** at 973-300-0144 or you may email your reservation to [njaiha@ptd.net](mailto:njaiha@ptd.net) or fax your reservation to 973-579-6202, giving the names of those who will attend. In case of inclement weather, please call **Ronnie Tutty** at 973-300-0144.*

### **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 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 3rd 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

## INSIDE THIS ISSUE

Page

1 - 2	President's Message
3 - 4	Newsletter/Website Advertisements and Sponsorships
5	NJAIHA October 2017 Monthly Dinner Meeting Announcement
6	News and 2017-2018 Local Section Officers List,
7	Job Postings and Website Links
8	2018 Industrial Hygiene & Safety Review Course
9 - 10	2017 Professional Development Course preliminary brochure
11	Recent NJAIHA Activities with Pictures

## OUR LOCAL SECTION OFFICERS

<u>Office</u>	<u>Name</u>	<u>Phone</u>	<u>Email Address</u>
<b>President</b>	Craig Doolittle	973-670-9793	CDoolittle@trcsolutions.com
<b>President-Elect</b>	Douglas J. Glorie	212-505-4930	douglas.glorie@stvinc.com
<b>Treasurer</b>	Barbara Woodhull	732-225-6040	barb.woodhull@us.bureauveritas.com
<b>Secretary</b>	Henry Shotwell	908-310-8481	dr.hank@mindspring.com
<b>Past-President</b>	Bernie Fontaine, Jr.	732-221-5687	windsgroup@aol.com
<b>Director: Member Services</b>	Candice Kowalewski	732-695-4880	cakowalewski@msn.com
<b>Director: Administration</b>	Brian Feury	201-417-2666	bfeury@lanagan.com
<b>Director: Publications</b>	Mark Ostapczuk	201-783-6621	mostapczuk@hetiservices.com
<b>Executive Secretary</b>	Ronnie Tutty	973-300-0144	njaiha@ptd.net
<b>Webmaster</b>	Jack Zybura	973-955-7763	jzybura@lsga.com
<b>Historian</b>	Tim Rice	908-782-2102	ricehss@comcast.net

## Job Postings

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.philaaaiha.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>

## **2018 Industrial Hygiene and Safety Review Course**

**2017 COURSE ATTENDANCE WAS LOW AND THE COST WAS ABSORBED BY THE SECTION**

**THE 2018 COURSE IS STILL SCHEDULED FOR JUNE. HOWEVER, WE ARE LOOKING FOR INPUT FROM MEMBERS TO IMPROVE ATTENDANCE.**

**Please see the following and feel free to provide suggestions:**

**The course is held at the Rutgers University REHS Building as the facilities are donated by Rutgers free of charge.**

**The course is presented Tuesdays (IH portion) and Thursdays (Safety portion).**

**The following are the topics presented:**

### **Industrial Hygiene & Safety Lecture Topics**

History of Industrial Hygiene, OSH Act Review and IH Management, Epidemiology, Fire Protection, Emergency Response, Ergonomics, Risk Management – Record Keeping, Indoor Air Quality, Bio-Safety, Equipment and Facility Safety, Ionizing Radiation, Non-Ionizing Radiation, Math, Statistics & Calculator Review, Air Pollution, Toxicology, Regulatory & Legal Affairs, Physics and Basic Engineering, Air Sampling – IH Chemistry, Direct Reading Instrumentation, Industrial Noise, Mechanical Exhaust Ventilation, Ethics and Professional Conduct, Respiratory Protection and other Personal Protective Equipment (PPE)

**The classes are held from 6:00pm-9:00pm.**

**The Cost: \$150.00** (includes registration, admission to all IH and Safety classes and on-line access to all course materials)

**(Please contact Mark Ostapczuk [mostapczuk@hetiservices.com](mailto:mostapczuk@hetiservices.com) with your suggestions)**



# 2017 Professional Development Courses (PDC) preliminary brochure (page 1)

(please do not attempt to register until the final program is  
announced)



PHILADELPHIA SECTION,  
AMERICAN INDUSTRIAL  
HYGIENE ASSOCIATION



## 2017 Northeast Industrial Hygiene Conference Professional Development Courses (PDCs)

**Thursday,  
November 30, 2017**

**PSEG Hadley Road Facility  
4000 Hadley Road  
South Plainfield, NJ 07080**

The NEIH Conference and Exposition (NEIHce) will be held on Friday, 12/1/2017 at the Westin Princeton at Forrestal Village. This year it is proudly presented by the Metro New York AIHA and co-sponsored by New Jersey and Philadelphia sections. Please plan to attend both events.

Each PDC accounts for 3.5 Technical Contact Hours and may be eligible for ABIH CM credit. Course fees include continental breakfast, lunch, and refreshments.

For questions, contact: **Bernie Fontaine, Jr., CIH, CSP, FAIHA - PDC Chair** by email at: [windsgroup@aol.com](mailto:windsgroup@aol.com) or call (732) 221-5687

Morning courses will begin at 8:30 a.m.  
Please sign-in between 8:00 and 8:30 a.m.

Afternoon courses will begin at 1:00 p.m.  
Please sign-in between 12:30 and 1:00 p.m.

**NOTE:** PDC's will be held at the PSE&G facility (South Plainfield, NJ) but the 2017 NEIHce will held at the Westin Forrestal Center in Princeton, NJ.

### GENERAL DIRECTIONS TO PSE&G

**From North NJ/NY Area** - Take N.J. Turnpike to **Exit 10**. Follow signs for I-287 North and take **Exit 4** for Durham Avenue/South Plainfield. Go down the ramp and bear left. Go one block to light and make a right onto Hadley Road. Go past the first light. The PSE&G building is on the right-hand side, which is about 200 yards past the light. Look for the PSE&G sign.

**From West (PA)** - Take PA Turnpike East until the end and follow onto **NJ Turnpike North**. Follow the same directions as North NJ/NY area

**From South NJ** - Follow the same directions as North NJ/NY Area

**From Route 287 (South)** - Take **Exit 5** and make a right onto **Stelton Road**. Make first left that is **Hadley Road**. Go past the two lights. The building is on the left-hand side. Look for the PSE&G sign on left.

**ALL PRE-REGISTRATIONS SHOULD  
BE COMPLETED THROUGH THE ON  
LINE REGISTRATION LINK BELOW**

Registrations without payments **WILL NOT BE ACCEPTED**. Fee per each **PDC \$125 if received by 11/15/2017 -- \$150 afterwards.**

**PLEASE REGISTER by 11/15/2017** to avoid late fees.

There are three payment options:

- Credit card via RegOnline
- PayPal through RegOnline
- Check payable to NJAIHA

### Mail-In Registration Form (print clearly):

Name: \_\_\_\_\_

Company: \_\_\_\_\_

Title: \_\_\_\_\_

Address: \_\_\_\_\_

Cell: \_\_\_\_\_

Email: \_\_\_\_\_

Course #'s: \_\_\_\_\_

Amount Enclosed: \$ \_\_\_\_\_

**Mail registration with check to:**

**NJAIHA**

**c/o Ronnie Tutty**

**910 Potters Road, Newton, NJ 07860**

**Telephone: (973) 300-0144**

# 2017 Professional Development Course (PDC) preliminary brochure (page 2)

## **Course Fees (each):**

**\$125 if received by 11/15/2017**

**\$150 if received after 11/15/2017**

### **Course #1: Ethical Fitness- A Method for Resolving Complex Dilemmas\***

**8:30 AM - 12:00 PM**

#### **Course Instructor:**

**Nancy Orr, CIH, CSP, FAIHA  
Becton Dickinson**

This PDC on Ethical Fitness helps participants develop an increased awareness of the ethical issues and how they arise. Participants will learn to:

- Understand the nature of personal values and their role in guiding conduct
- Apply tools and skills to analyze ethical dilemmas
- Learn to identify and resolve potential 'conflict of interest' situations
- Make higher quality ethical decisions

Participants in this course will acquire essential skills necessary to make higher quality ethical decisions. This skill – building process begins by developing an awareness of ethical issues and how they arise. The role of personal values and their application to decision – making is then examined. Participants practice using analytical techniques to explore right vs. wrong situations as distinct from right vs. right dilemmas, where values conflict. Explore how to resolve situations where truth conflicts with loyalty; justice and mercy; set both short-term and long-term goals, and understand self-interest conflicts with the community's interest. Finally, participants will apply several resolution approaches to dilemmas in search of "the higher right."

***\*This course fulfills the ABIH ethics requirement for CIH recertification maintenance credit.***

### **Course #2: Value Strategy to Invest and Promote Health, Safety and Environmental Interventions**

**8:30 AM - 12:00 PM**

#### **Course Instructor:**

**Bernard D. Silverstein, CIH, FAIHA  
TVS Associates, LLC**

Developing a value proposition, (e.g., the sum total of the costs and benefits of interventions), allows the Industrial Hygienist to advance employee health and safety using classical business methods. The AIHA value strategy is a unique and comprehensive process where the Industrial Hygienist aligns risk management with business objectives, promoting stakeholder values. Utilizing the Value Strategy process, promoting health and safety interventions thought business alignment, stakeholder value, and financial analysis the Industrial Hygienist will be able to compete for limited resources and advance worker health and safety. Upon course completion, the participants will be able to:

- Align key business objectives with health and safety interventions for decision making
- Identify financial and non-financial value factors used to support business decisions
- Understand the key components of financial and non-financial analysis
- Use software supporting the Value Strategy processes

### **Course # 3: NJ P.L. 2017, Chapter 69. Hazardous Drug Safety Act and USP <800> and <797> - Impact in Hospitals, Health-care, Compounding, and Manufacture**

**1:00 PM - 4:30 PM**

#### **Course Instructors:**

**Martha Polovich, Ph.D., RN, AOCN  
Georgia Tech University  
Michael Berg, Ph.D.  
EMLab P&K**

The NJ Hazardous Drug Safe Handling Act was passed in May 2017. It is designed to protect at-risk healthcare personnel who handle hazardous drugs (HDs). HDs include cytotoxic agents and reproductive hazards and other chemical and biological agents including: analgesics, antibiotics, beta-blockers, antineoplastics, and perfluorinated compounds.

This PDC will provide an overview of the adverse effects of the HD exposure, review the requirements of the Act, and list strategies that the industrial hygiene community can implement to support this endeavor. Emphasis will be placed on the containment strategies and work practices outlined by the National Institute for Occupational Safety and Health (NIOSH), which are required by the Act, and the United States Pharmacopoeia Convention (USP) standards for HD handling in healthcare settings and pharmaceutical compounding and manufacture.

### **Course # 4: Advancements in Gas Detection: The Proper Use, Care and Selection of Portable Gas Monitors**

**1:00 PM - 4:30 PM**

#### **Course Instructors:**

**Bob Vigdor, and Paul Truncellito, QSSP  
Premier Safety & Service**

Gas sensors have traditionally been limited to industrial leak detection but a new wave of miniaturization and cost reduction in the chemical gas sensor industry has emerged. Air quality is becoming a major concern, and real-time gas sensors are increasingly attracting interest. It is important to understand the type of health hazard and limitations of the instrumentation to provide an accurate risk assessment. Participants will learn to:

- Selection of the correct air monitoring instrument for the proper application
- Understand differences in sensor technology between catalytic bead, infrared, photo- and flame ionizing detectors, and electrochemical devices
- Benefits, accuracy, difference, and frequency between automatic instrument calibrations and bump testing
- Inherent problems with using gas detection equipment in industrial/environmental settings.

The course provides "hands-on" demonstration of different gas detection equipment and allows time for technologists and seasoned industrial hygienists to get a feel for these instruments. Participants will leave the course confident about their correct field application.

**Recent NJAIHA Activities with Pictures**  
Tim Rice, NJAIHA Historian



**TIM FINALLY TOOK AN EXTENDED VACATION AND IS TRAVELLING THE US!!!! –  
PICTURES FROM THE SEPTEMBER MEETING WILL BE IN THE NEXT NEWSLETTER.**