



POTOMAC SECTION NEWS

NEWSLETTER OF THE POTOMAC SECTION OF THE AMERICAN INDUSTRIAL HYGIENE ASSOCIATION

Link to our web page: www.aiha.org/LocalSections/html/potche/homepage.htm
or www.aiha.org/potomac.htm



January 2006

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Join us for the next Section Meeting

Potomac Section American Industrial Hygiene Association

Special Tour & Lunch Meeting

Construction Safety, Security, & OSH Issues at the Pentagon

Presented by Defense Facilities Directorate and the
Pentagon Renovations & Construction Office



DATE: Wednesday, January 25, 2005

TIME: Meet outside the Pentagon Metro entrance 10:15 am
Tour Construction Area 10:30 am – 12:00 noon
Lunch (in the Pentagon) 12:30 – 1:00 pm

DIRECTIONS: Pentagon Metro stop on the Blue & Yellow lines

COST: None – Except for lunch

REQUIREMENTS: An active construction site will be visited. Wear sturdy shoes, long pants (no skirts), and long sleeves. Safety gear will be provided (safety vest, glasses, and hard hat). Two forms of ID are required: a picture ID and an ID with your name, such as a credit card.

SUMMARY: Completed on September 11, 1943, the Pentagon is an internationally known landmark with a highly efficient design concept that has proven its value over more than 60 years. It survived a terrorist attack that would have destroyed most facilities and continues to serve as a national symbol (<http://www.defenselink.mil/pubs/pentagon/>). The Pentagon is undergoing major renovations while continuing to operate. Safety is paramount to this project. For a preview see <http://renovation.pentagon.mil>.

FOR RESERVATIONS:

Advanced registration is needed for security reasons. Please provide your name, social security number, and citizenship. Limited to first 25. Please e-mail Chris Kase by Monday, **January 18th** at Chris.X.Kase@questdiagnostics.com or call him at 703-802-7063.

A Message from our Section President:

As we move into 2006, I would like to delve into one of the more pressing issues in the academic halls of classical industrial hygiene, mainly that of recruiting young and new members into the illustrious field. By scanning the fields at recent Potomac Section dinner meetings and PDC events, it is clear that there is something clearly amiss in the crowd...young faces! In fact, at the recent AIHA Leadership Conference held in Arlington, there were very few young professionals present. Why is there a lack of interest in industrial hygiene at the middle school, high school, and college levels? I believe, if we take a look at the basic rubrics, survey subsets of young folks using these rubrics, we will see where the fault(s) are in the future of the profession. It is a mouthful to question a young academic on his or her interest in toxic gases, particulates, toxicology, biochemistry, chemistry, physics, radiation, ventilation, occupational noise, hearing conservation, air pollution, heat stress, cold stress, epidemiology, sampling philosophy and statistics, microbiologicals, and personal protective equipment theory and use. One will most likely lose the subject the first word spoken on one of the above listed topics! One does not need to obtain a masters degree or PhD in these subject areas, but merely follow scientific disciplines and develop and maintain a fundamental awareness or understanding in order to succeed in the IH profession. The young generation, the "me" generation, is more interested in the here and now, fashion, trends, and quick success routes in career decisions...at least it appears. As we professionals are aware, performing classical industrial hygiene utilizes the same mental frame of mind that college, laboratory research, product development, or crime detective professionals employ. We know that one does not need to apply extremely intelligent and creative mental processes in order to succeed in industrial hygiene, but does the rest of the universe understand this? But that seems to be at the crux of the issue...recruiting new, young folks into the field without scarring them off with the notion of heavy, scientific, and arduous work. We have our work cut out for us as we do not want to become a dying profession. Perhaps we can weave these considerations into future discussions, dinner meetings, PDCs, and other professional contact points and come up with real solutions. Think about it.

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POTOMAC SECTION NEWS

Section Membership

Membership applications are now being accepted for the Calendar year 2006. Please note, if you join the local section now, you get a few extra months of membership, since the dues are good through December 2006. The application is attached. Fill it out and bring to the next dinner meeting or mail it to Mary Anne Chillingworth.

Potomac Section Benefits

Membership and participation in the Potomac Section of the American Industrial Hygiene Association (AIHA) provides a wide range of opportunities to enhance professional growth while promoting the occupational health field. One of more than 70 local sections of the AIHA, the Potomac Section lists more than 130 members (1999-200 membership) and more than 15 subdisciplines. Among the valuable benefits of membership:

- Opportunity to network and interact with fellow industrial hygienists, occupational physicians and other environmental health and safety professionals, and local vendors.
- Opportunity to network with other members who hold influential positions in government and industry.
- Opportunity to influence state and local legislation on occupational health and industrial hygiene career issues (e.g., title protection and licensing) through a combined professional voice.
- Opportunity for close interaction with American Industrial Hygiene Association National Headquarters.
- Opportunity to hear experts speak on the latest topics of interest to the occupational health and safety field. The Potomac Section is particularly fortunate in this regard due to the availability of numerous governmental and industrial experts in the area.
- Opportunity to accumulate certification maintenance points by attending meetings or holding Section office.
- Opportunity to serve the local community through outreach activities, such as vocation days, health and safety newsletters, and teacher orientation.
- Opportunity to take advantage of local professional development courses, usually at a greatly reduced price.
- Opportunity to receive recognition in AIHA literature (Synergist, Journals, etc.) through articles about local section activities.
- Opportunity to participate as an instructor or student in the Potomac Section IH Certification Review Course.
- Receive regular newsletters offering topics of professional interest, meeting notices, and job announcements.

Executive Committee Report

The Executive Committee is currently reviewing and taking action on several issues, including:

- Updating our by-laws and operations manual.
- Enhancing benefits for dues paying members.
- Upgrading our email communication system and web site capabilities.

- Looking at existing Officer and committee position descriptions and redefining or creating new positions to align with today's technology and member lifestyles, and to enhance service to our membership.

If you have an interest in participating in these discussions, or if you have an opinion on these issues, please contact Allen Cooley (ACooley@versar.com or 703-642-6891).

Science Fairs

The Potomac Section judged three science fairs in March 2005 for Arlington County, Montgomery County and Prince William County. Please contact Chris Kase if you are interested in volunteering to serve as a judge for the 2006 science fair season! Volunteers are always needed.

FUTURE POTOMAC SECTION MEETINGS

Plan on the 3rd Wednesday of each month unless otherwise indicated.

Month	Day	Topic	Location
November	9	ASSE/AIHA joint PDC: Emergency Preparedness & Disaster Response	Stamp Student Union BLDG University of Maryland College Park, MD
December	7	Landing on the Roof – Noise Issues in Aircraft Carrier Design	The Far East Restaurant 5055 Nicholson Lane Rockville, MD 20852
January 2006	25	Pentagon Tour – Construction Safety	Meet outside the Pentagon Metro entrance
February	15	GWU EOH graduate student IH presentations	TBA
March	15	TBA	TBA
April	19	ASSE PDC	TBA
May	13-18	AIHC&E	TBA
June	7	TBA	TBA

AIHA NATIONAL NEWS

AIHA Releases

- 1. Release No. SPR-05-1114-01:** Free CD-ROM Introduces Students to Industrial Hygiene Careers Video, presentation materials, and fact sheets provide information for students and tools for professionals FAIRFAX, VA (November 14, 2005) - Today's students are looking for careers that will make a difference to others while allowing them both professional challenges and time to pursue personal interests. A career in industrial hygiene can offer all that and much more. To introduce students to the many opportunities available in the industrial hygiene field, the American Industrial Hygiene Association (AIHA) is offering a free CD-ROM with a 10-minute video, companion PowerPoint presentation, and information-packed fact sheets on the profession.

"This CD-ROM is the perfect tool for professionals who want to reach out to the high school and college students who will become the future leaders in our field," said AIHA President Roy Buchan, DrPH, CIH. "Career day presentations and other opportunities to speak to students will be enriched with the materials available on the student CD."

The student CD-ROM was developed through the generous support of the AIHA Board of Directors and with the input of a number of students and industrial hygiene professionals from industry, academia, and government. Free copies are available to all professionals interested in raising students' awareness of the industrial hygiene profession. In addition, copies are available on request to any student who wishes to learn more about the field.

The resources available on the CD will also be available for download through the AIHA website at www.aiha.org/Content/InsideAIHA/Students/.

In addition to the new CD, AIHA has been pursuing a number of initiatives to support students with an interest in the industrial hygiene and occupational and environmental health and safety profession, including:

Continued support for student scholarships through the American Industrial Hygiene Foundation A quarterly e-newsletter focused on information of interest to students Special services and events at the American Industrial Hygiene Conference and Expo (AIHce), including a student orientation, student reception, and dedicated lounge with student-focused information sessions scheduled throughout the conference Over the coming months, AIHA will be developing more tools and resources for students considering careers in the industrial hygiene and occupational and environmental health and safety field; those materials will be posted to the AIHA website as they are completed, creating a constantly evolving resource for students and professionals.

For more information or to request a free copy of the CD-ROM, contact Lisa Junker, AIHA's senior manager of communications, at (703) 846-0734 or ljunker@aiha.org.

2. Release No. SPR-05-1129-01 Mili Mavely, Scientific and Technical Initiatives:

AIHA Joins Environmental Education Foundation Advisory Committee for Indoor Air Quality Association will provide guidance and recommendations to ensure technical excellence

FAIRFAX, VA (November 29, 2005) - The American Industrial Hygiene Association (AIHA) is pleased to announce its appointment to the Environmental Education Foundation (EEF) Advisory Committee for Indoor Air Quality. AIHA will participate as a member of the advisory group convened by EEF to continue work started under a contract from the Environmental Protection Agency's (EPA) headquarters.

In this capacity, the association will provide technical expertise, guidance, and recommendations to assist EEF in evaluating EPA's IAQ Building Education and Assessment Model (I-BEAM) and draft Green Building Guidance, as well as the EEF training module "Indoor Air Quality Operations & Maintenance Plan Development."

"AIHA encourages all facilities to have an operations and maintenance plan in place as part of an overall commitment to the health and safety of employees and others who might be affected by a building's indoor environment," said AIHA President Roy Buchan, DrPH, CIH. "We are pleased to have the opportunity to provide input and assistance to EEF and EPA as they work on these important tools and training materials."

EEF is a 501 (c)(3) organization that provides educational seminars, publications, and advanced technology to both the public and private sectors through donations from its contributors and cooperative agreements with government agencies. The EEF Advisory Committee for Indoor Air Quality is intended to promote EPA's indoor air quality guidance and encourage its use to manage indoor environmental quality risks.

For more information on AIHA's participation in the EEF Advisory Committee for Indoor Air Quality, please contact Mili Mavely, AIHA technical committees associate, at (703) 846-0794 or mmavely@aiha.org. Lisa Junker, Communications (703) 846-0734; ljunker@aiha.org

OTHER LOCAL PROFESSIONAL DEVELOPMENT OPPORTUNITIES

AIHA Professional Development Courses

AIHA Announces 2006 Professional Development and Continuing Education Calendar. AIHA is committed to helping its members and other industrial hygiene and occupational and environmental health and safety professionals by offering the tools needed to reach their goals through continuing education. As part of the association's ongoing efforts to provide cutting-edge educational opportunities, AIHA would like to announce its 2006 professional development and continuing education offerings.

AIHA professional development courses provide practitioners with specialized skills that enhance performance on the job while increasing knowledge and professionalism. Course participants can earn certification maintenance (CM) points to maintain existing certifications or toward exam requirements. They can also earn continuing education units (CEUs) and continuance of certification points (COCs) for additional professional development. The following continuing education courses are scheduled for 2006:

- HVAC Systems: Management of Mold and Microbiological Activity – 2.0 CM points/1.6 CEUs/1.6 COCs. March 6-7, Arlington, Virginia.
- Building Science: Understanding and Controlling Moisture in Buildings – 3.0 IH CM points/2.4 CEUs/2.4 COCs. March 8-10, Arlington, Virginia.
- Fundamentals of Industrial Hygiene – 4.0 FIH CM points/3.2 CEUs/3.2 COCs.
March 20-23, Tampa, Florida
June 26-29, Chicago, Illinois
October 23-26, Las Vegas, Nevada
- Comprehensive Industrial Hygiene Review – 4.5 FIH CM points/3.6 CEUs/3.6 COCs
March 27-31, Ann Arbor, Michigan
September 25-29, Ann Arbor, Michigan
- Nanotechnology Symposium: Nanoparticles in the Workplace – 1.0 CM point/0.8 CEUs/0.8 COCs. May 13, Chicago, Illinois (at AIHce 2006).
- Indoor Air Quality Symposium: Infectious Disease: The Coming Epidemic – CM point/08 CEUs/0.8 COCs. May 14, Chicago, Illinois (at AIHce 2006).
- Certified Safety Professional (CSP) Exam Preparation Workshop – 1.0 Safety CM points/2.2 CEUs/2.2 COCs. May 12-14, Chicago, Illinois (at AIHce 2006).
- Management Certificate Program: Finance for the Nonfinancial Manager – 2.0 Management CM points/1.6 CEUs/1.6 COCs. May 13-14, Chicago, Illinois (at AIHce 2006).

- Management Certificate Program: Action Tools for Successful OEHS Management & Leadership – 2.0 Management CM points/1.6 CEUs/1.6 COCs. May 13-14, Chicago, Illinois (at AIHce 2006).
- Quantitative Industrial Hygiene – 3.0 IH CM points/2.4 CEUs/2.4 COCs. September 11-13, Columbus, Ohio (at PCIH 2006).
- Globally Harmonized System/Material Safety Data Sheets/Control Banding Symposium – 1.0 CM point/0.8 CEUs/0.8 COCs. September 15, San Jose, California (at PCIH 2006).
- Management Certificate Program: Finance for the Nonfinancial Manager, Intermediate Level – 2.0 Management CM points/1.6 CEUs/1.6 COCs. September 16-17, San Jose, California.

For more information and registration forms, please visit www.aiha.org/ce.htm. If you have questions regarding AIHA's continuing education courses and symposia, please contact Samantha Seigman at sseigman@aiha.org or (703) 846-0751.

The Chesapeake Chapter of the Safety Council

(<http://www.chesapeakesc.org/trainingandevents.htm>)

Serves the greater Baltimore-Washington DC area. Upcoming courses are held at their headquarters in Baltimore, unless otherwise indicated, and include:

1. Team Safety - January 9, 2006

GWU EOH Courses

George Washington University is offering the following courses for Spring 2006:

1. **Course Title: Public Health Issues & Native Americans/Alaskan Natives (NA/AN)**
Registration: 2 credits. Course offered by the GWU Department of Environmental & Occupational Health (EOH). The class registration is PubH 209, Section 18, and the CRN number is 56889, and it is being held Monday evenings from 6:00 to 8:00 pm (room TBD); first class will be Monday January 23.
Instructors: Lisa C. Neel, MPH, Stephanie St.Pierre, MDiv, and David F. Goldsmith, PhD.

Course Description: Offers a public health overview of issues impacting American Indians and Alaska Natives. The class will consider the current health status as well as the traditional/historical relationship between Native Americans, the U.S. government, and their environment. We know that AI/AN people suffer many disease rates well above the US All-races rates. The course focuses primarily on the health crises in Indian Country exploring the roots of health disparities, prevention approaches, and a critical assessment of policymaking and institutional systems currently providing healthcare to Native people.

The course will be taught in seminar format with lecture presentations by instructors followed by class discussion. Students will be expected to be active participants based on their response to readings and lecture material. There will also be guest lecturers who are leaders in the field of AI/AN health policy and practice.

Students will choose a topic from the syllabus on which to write a policy and/or research paper (10-15pgs) to effect health promotion and disease prevention in that disease category within a specific Native American community * e.g.: Early intervention and Diabetes in the People of Akwesasne. Part of your grade will be to present your ideas from your paper to the whole class. There is no final exam, and no textbook.

Please contact Dr. Goldsmith with questions; 202-994-1734, or contact Ms. Neel at 703-821-2226 ext 215.

2. **Course Title: Scientific Evidence in Health Law and Policy**
Registration: 2 credits. Mondays from 4:10 to 6:00 pm, PubH 299.20 CRN=56607. Course offered by the GWU Department of Health Policy. Course prerequisite may be waived by consent of instructor-please email (s.rose25@verizon.net) or call 301-589-8825 if you have questions. Oral midterm; final paper/presentation. No final exam required.

Course Description: How are scientific and medical data and public health information perceived by the legal system? Would a federal judge allow expert testimony on the so-called "theory of intelligent design" as scientific evidence? Would he/she label it as "junk science"? Does the way the legal and regulatory systems use (and misuse) scientific evidence benefit or harm the public?

This class addresses the applications of scientific evidence in decision-making for regulatory and public health policy purposes. The first half of the class focuses on the 1993 Daubert v. Merrell Dow Pharmaceuticals, Inc. decision by the U.S. Supreme Court, and its importance for both the legal and public health communities. We will look at some of the pre-Daubert landmark legal

cases that involved the use of epidemiology, such as the swine flu litigation of the early 1980s, asbestos, smokeless tobacco, and pharmaceutical exposures. However, the Daubert decision dramatically changed the role of scientific evidence in the federal court system. What are the new rules governing the post-Daubert world? The second half of the class will examine how regulatory agencies apply scientific standards and public health findings to decision-making. For

example, consider the Data Quality Act--is it an attempt to establish Daubert-like standards for agencies such as the EPA, OSHA, etc.? How is science used and misused in the political arena?

Course textbook: "Science on the Witness Stand: Evaluating Scientific Evidence in Law, Adjudication and Policy" by Dr. Tee Guidotti (Chair, EOH) and Susan G. Rose, MPH, JD (published in 2001).

27th Annual UNC
School of Public Health Minority Health Conference

You are invited to the 27th Annual University of North Carolina School of Public Health Minority Health Conference, Friday, February 24, 2006 at the William and Ida Friday Continuing Education Center in Chapel Hill, NC. The 8th Annual William T. Small, Jr. Keynote Lecture will be delivered by Meredith Minkler, Dr.P.H., Professor, Health and Social Behavior, University of California at Berkeley School of Public Health. The broadcast is sponsored by the Centers for Disease Control and Prevention through a cooperative agreement with the Association of Schools of Public Health and by the School of Public Health Dean's Office.

If you cannot attend in person, please join us for the 2:00 pm EST broadcast of Dr. Minkler's lecture (C-band satellite and Internet, no fee charged), followed by live telephone questions and comments from the satellite and Internet audience until (3:30 pm).

For information about:

- Satellite and Internet broadcasts of the Keynote Lecture:
www.minority.unc.edu/sph/minconf/2006/satellite/
www.minority.unc.edu/sph/minconf/2006/webcast/
- Dr. Meredith Minkler and William T. Small, Jr.
www.minority.unc.edu/sph/minconf/2006/keynote.cfm
www.minority.unc.edu/sph/DeanSmall.htm
- Attending the Conference in person in Chapel Hill
www.minority.unc.edu/sph/minconf/2006/agenda.cfm
- Submitting an abstract for presentation as a poster
www.minority.unc.edu/sph/minconf/2006/abstracts/
- The Annual UNC-CH SPH Minority Health Conference
www.minority.unc.edu/sph/minconf/

Please write to Minority_Health@unc.edu for information about exhibiting or co-sponsorship opportunities.

CAREER OPPORTUNITIES

1. Industrial Hygienist: U. S. Department of State, Bureau of Overseas Building Operations, Safety, Health and Environmental Management Division has one opening for a GS-13 Industrial Hygienist. The incumbent will be expected to travel overseas up to 35 percent of total duty time and will be responsible for conducting surveys, helping implement safety, health and environmental management programs and performing training for management officials, supervisory employees, collateral duty safety and health officers, Foreign Service National employees and overseas family members at U. S. embassies and consulates. Applicants must be an U. S. citizen, a Certified Industrial Hygienist, be able to obtain a top secret security clearance, and be able to pass a pre-employment medical examination. Visit the OPM website (www.usajobs.gov), announcement # 06-0072 for more information and application requirements. The application period opens on 12/19/2005 and closes on 01/04/2006.
2. The Catholic University of America in Washington, DC has an opening for an experienced industrial hygienist.

Essential Duties: Manage university-wide comprehensive industrial hygiene/environmental programs addressing OSHA, EPA, and District of Columbia requirements. Develop programs and audit their implementation. Inspect and evaluate work areas. Develop and conduct training. Provide for emergency response. Act as Biosafety Officer.

Qualifications: Thorough understanding of occupational safety/health & environmental regulations; ability to use a variety of IH monitoring instruments; computer literate in word processing, spread sheets, and databases; excellent oral and written communication skills; three to five years experience in industrial hygiene and occupational safety is highly desirable. B.S. in science or engineering; an advanced degree in Industrial Hygiene, Environmental Management, or Safety Management is a plus. CIH designation is a plus.

Send or e-mail resume to:

Joseph Beres
Director Environmental Health & Safety
The Catholic University of America
Washington, DC 20064
202-319-6112
beres@cua.edu
<http://ehs.cua.edu/>

3. NAVFAC Europe is recruiting for the following two positions:

GS- 0819-13 - Environmental Business Line Coordinator (EVBLC) position.

The EVBLC position provides the leadership of the Environmental Business Line at NAVFAC Europe. Responsible for staffing, resource allocation, business metrics, community management, and program management. Also responsible for the standardization of work processes, organizational templates, and other NAVFAC business practices across the European and South West Asia theater. The position is dual hatted as Environmental Business Line Team Leader on IPT Europe and is responsible for executing the IPT environmental workload. Reports to the Business Manager.

GS-018-13 - Safety Manager. This position is responsible for planning, directing and administration of all facets of the Occupational Safety and Health Program and contractor safety program which includes all Public Works Departments (i.e. Naval Station (NS) Rota, NSA La Maddelena, NAS Sigonella, NSA Naples, NSA Souda Bay, NSA Bahrain and NAS Djibouti) and Resident Officer in Charge of Construction (Aviano, Azores, Livorno and Vincenza) Operations. Reports to the Executive Officer.

Both positions are stationed in Naples, Italy. Initial tour of duty is 36 months. Must have or be able to obtain a Secret Security Clearance as a condition of employment. Both positions are subject to the five year overseas rotation policy. The EVBLC must also meet Defense Acquisition Workforce Improvement Act (DAWIA) requirements applicable to the Facilities Engineering Career Field.



*Potomac Section
APPLICATION FOR MEMBERSHIP/ RENEWAL
September 2005 – December 2006*

Name/Title: _____

Employer: _____

Work Address (street): _____

Work Address (city/state/zip): _____

Work Phone/Fax: _____ / _____ Work e-mail: _____

Home Address (street): _____

Home Address (city/state/zip): _____

Home Phone/Fax: _____ / _____ Home e-mail: _____

Are you ABIH certified? CIH OHST Other _____

Are you a member of AIHA National? Yes No (interest in an application Yes No)

DUES : Make checks payable to AIHA - Potomac Section

- \$20.00 Newsletter via e-mail
- \$25.00 Newsletter via regular mail (circle one: home address work address)
- \$5.00 Student rate with newsletter via email

INTERESTS
(check all that apply)

- Running for a Potomac Section Office
- Speaking at a monthly meeting or PDC
- Helping to arrange Potomac Section Meetings/Speakers
- Assisting with future PDCs
- Assisting with Student Science Fairs
- Other _____

Mary Anne Chillingworth, 14407 Briarwood Terrace, Rockville, MD 20853 or bring payment and application to any section meeting.