

January 2009



Potomac Section News

THE NEWSLETTER OF THE POTOMAC SECTION,
AMERICAN INDUSTRIAL HYGIENE ASSOCIATION

www.aiha.org/potomac.htm



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Please join us for our next meeting of
Fresh Perspectives on topics of current interest in
Environmental and Occupational Health
from
Graduate Students in the School of Public Health at George Washington University.

PLEASE NOTE THE DATE CHANGE DUE TO THE INAUGURATION

Date: Wednesday January 28th, 2009

Time: Social Hour 6:00-6:30 pm, Dinner 6:30 pm

Speaker Presentation 7:30 pm to 9 pm

Place: Thai Kingdom Restaurant, 2021 K Street (two blocks from Ross Hall); Their website is <http://www.thaikingdom.org>

**Cost: \$25 AIHA Potomac Section members (RSVP by 1/20/09)
\$30 non-members, \$10 students. All payments at site.**

RESERVATIONS: Please e-mail Bruce Donato at bdonato@kafirstaid.com.

A Message from Our President

Dear Potomac Section Members and Friends,

Happy New Year to the Potomac Section! As this year begins, there are clouds on the horizon, but there are also opportunities. Many of us actively participate in sharing job and career opportunities that we become aware of, but I think that there is more that our local section can do to assist anyone looking for a position. Networking has always been a central tenet of coming to our monthly meetings and I would like us to keep this aspect central in every meeting, within our announcements and emails, and on our website. As you become aware of a position opening please let us know by sending a quick email to me. Conversely, if you have talents that are underutilized, send me a synopsis of your skills or a resume and we can circulate your name among hundreds of potential employers. We can do more to help each other.

Wishing everyone success and happiness in the coming year,

Jim Dolan
President, AIHA Potomac Section

AIHA POTOMAC SECTION NEWS

Future Potomac Section Meetings for 2008-2009: Plan on the 3rd Wednesday each month unless otherwise indicated*.

Month	Topic	Location
January 28*, 2009	GWU fresh perspectives (student presentations)	Thai Kingdom Restaurant, 2021 K Street, Washington, DC
February 18, 2009	IAQ/ASHRAE Update (Joint meeting with Chesapeake AIHA)	Sir Walter Raleigh Inn Greenbelt, MD
March 19*, 2009	Hexavalent Chrome Update	Dave & Busters, White Flint Mall Rockville, MD
April 22*, 2009	Joint Meeting with HPS – Nanotechnology and the HP & IH	Tragara Restaurant, 4935 Cordell Avenue, Bethesda, MD
May 13*, 2009	Tour of Quantico Clandestine Meth Lab followed by lunch	Quantico Marine Corps Base
June, TBD, 2009	Awards Banquet & Officer Installation (Joint meeting with ASSE National Capital Chapter)	To be determined

All section members are particularly encouraged to attend each meeting and bring along a work friend or acquaintance and do some socializing from 6:00-6:30 pm. Dinner follows at 6:30 pm and our honored, guest speaker presentation will begin at approximately 7:30 pm; the meeting will conclude at approximately 9 pm. The cost for attending meetings is normally \$25 for members, \$30 non-members, and \$10 for students. All payments are due at the site. Make meeting reservations by sending an e-mail to Bruce Donato at bdonato@kafirstaid.com.

Upcoming Regional Science Fairs: Our section members are requested to volunteer a few hours and some effort in support of, perhaps, our most worthwhile section activity on behalf of our communities and profession. For the past several years we have judged science fair projects in the counties in which we live and work to identify those deemed meritorious and deserving of an AIHA Potomac Section monetary award, and while doing so proselytize the industrial hygiene profession among our youth and the future industrial hygienists and leaders of tomorrow. We're rapidly approaching the Science Fair month, March, and we need several additional volunteers to both organize and coordinate our efforts with the local county school systems, as well as judge student projects. General subject judging usually takes place first thing in

the morning on the designated dates. Special interest judging may be limited to afternoon hours. Please contact your President and Executive Board member, James Dolan, to volunteer for this most worthwhile professional outreach program to the community. His contact information is: james@dolan.net or phone 703-499-5668

<u>Local Science Fairs</u>	<u>Website</u>	<u>Date</u>
Northern Virginia Regional Science and Engineering Fair at Wakefield H.S. in Arlington, VA.	www.apsva.us/science	March 7-8, 2009
Prince William-Manassas Regional Science Fair	www.pwcs.edu/science/#2	March 13-14, 2009
Montgomery Area Science Fair	www.ScienceMONTGOMERY.org	March 21-22, 2009
Fairfax County Regional Science and Engineering Fair	www.fcps.edu/dis/sciengfair/	March 28-29, 2009

Section Membership:

Membership applications are most welcome for our 2009 calendar year. Fill out the attached application and bring to the next dinner meeting or e-mail it to [Celia Booth, CIH, CSP, ARM](mailto:Celia.Booth@aiha.org). Please visit our web page for further information on the section and the benefits of membership at <http://www.aiha.org/potomac.htm>.

Section News:

Industrial Hygienist of the Year (IHY): Your nominations of deserving members as IHY are needed. We have now formed a subcommittee to review IHY nominations from the section. Bruce Donato, our past president is the chair of the committee; please forward your nominations for IHY to him at bdonato@kafirstaid.com.

Nominations for next year's board: It is not too early to start thinking about what position you would like to hold on next year's board. Bruce Donato, our past president is already thinking about this and if you are interested, please contact him at bdonato@kafirstaid.com.

The positions open are secretary-elect, treasurer-elect, 2 director positions, and of course president-elect. This section is extremely strong because of an active board that supports each other. This means that if you decide to become a board member, all the work would not be dropped in your lap. Please note that ABIH now accepts all elected positions when counting up your points for your CIH!






AIHA NATIONAL NEWS



GOVERNMENT AFFAIRS NEWS

Click on the following link to access the AIHA's Government Affairs News web-page:*

<http://www.aiha.org/Content/AccessInfo/gov/governmentaffairsnews.htm>. Below are links to the latest AIHA government affairs news items including letters, comments, and related items.

- [Letter to Obama Transition Team regarding Assistant Secretary of Labor qualifications \(08\)](#) 
- [AIHA Top Public Policy Occupational and Environmental Health and Safety Issues](#) 
- [Letter to HHS Secretary Leavitt in support of the reappointment of Dr John Howard as Director of NIOSH \(08\)](#) 

- [Top public policy issues for AIHA in 2007-2008](#) 

Additional information can be found at AIHA's website: <http://www.aiha.org/Content>

HAPPENINGS FROM THE HILL*
Government Affairs Department – as of December 18, 2008

Click on the link below to view the latest *Happenings from the Hill* with the latest posting on 30 September 2008.
<http://www.aiha.org/Content/AccessInfo/gov/HappeningsFromtheHill.htm>. [***Note: you must log in with your ID & password**]:



***Some of the AIHA links above require an AIHA membership.**

PROFESSIONAL DEVELOPMENT OPPORTUNITIES

**ACGIH® is presenting the following webinar:
 TLVs® and Adjustments due to Worker Conditions**

Date: LIVE on January 29, 2009

Time: 2:00 pm, Eastern Standard Time (GMT -05:00, New York)

Registration and Course Information Link: http://www.acgih.org/events/course/TLV-Adjust_Part-2_webinar.htm.

Early Registration Deadline: January 22, 2009. Save \$75.00 by registering prior to the deadline**

****\$75.00 will be added to the registration fee for those enrolling after the early registration deadline.**

Course Content:

ACGIH® is presenting a two-part webinar series focused on the TLVs® for Chemical Substances and the proper application of the values during unusual conditions. Part one, presented on October 28, 2008, discussed adjustments due to workplace conditions and focused on both ambient workplace conditions and time and work shift adjustments (archival copies of this event are available). Part two, presented on January 29, 2009, will address worker conditions including age, gender, and health concerns. Though Part one and Part two are complementary in nature, they are designed to be stand alone learning modules; therefore, there are no prerequisites for either webinar.

The role of the environmental health and safety professional is to determine how exposures at the workplace affect the health of the employee. However, it is also important to consider how the health of the employee affects workplace exposure assessment. When there is significant variability in employee health conditions it can become a challenging undertaking to properly apply the TLVs®. This webinar will focus on adjustments to the TLVs® due to worker physical conditions and the biological variability of the workforce when accounting for factors such as:

Age and Gender:

- Reproductive health effects
- Aging workforce

- Youth workforce

Non-occupational Exposures

- Environmental concerns
- Moonlighting and recreational exposures

Health Related Concerns

- Medication-dependent workers
- Chronic health conditions
- Sensitization

Presented by - John D. Elias, MPH, CIH, ROH and Rachel Rubin, MD, MPH


Accreditation - This webinar is pending approval by the American Board of Industrial Hygiene (ABIH) for .5 ABIH (IH) Certification Maintenance (CM) Point. This webinar qualifies for .15 BCSP (SP) Continuance of Certification (COC) Point for Certified Safety Professionals. Participants seeking CM or COC points must attend the live webinar or view the archive and submit a final exam and evaluation. Certificates of Completion will be issued after receipt and completion of these items.

To attend this webinar, you must first register for it. Once you have registered, you will receive an email message confirming your enrollment status and information that you need to join the event. **Click the following link for further course information including pricing and to register:**

http://www.acgih.org/events/course/TLV-Adjust_Part-2_webinar.htm

AIHA's Continuing Education—2009 Schedule of Courses & Symposia

AIHA offers courses on essential industrial hygiene principles. Emerging issues taught by industrial experts. Additional courses will be added throughout the year, visit www.aiha.org/road.htm for course updates and detailed course information from the source.

Road Courses: Get the tools you need to reach your goals through continuing education. Earn CM points, CEUs, and COCs when you register for continuing education road courses. The road course program offers on-site training courses, professional development road courses, and distance learning opportunities. [Register Now!](#) 

March 9–12, 2009, San Diego, CA
November 9–12, 2009, Atlanta, GA
[Fundamentals of Industrial Hygiene](#)

March 30–April 3, 2009, Ann Arbor, MI
September 21–25, 2009, Ann Arbor, MI
[Comprehensive Industrial Hygiene Review](#)

September 14–16, 2009, Las Vegas, NV
[Exposure and Chemical Monitoring: Beyond IH Fundamentals](#)

Symposia: Register for enlightening, innovating, and updated symposia with AIHA. At these OEHS meetings, several speakers discuss topics and opinions.

May 31, 2009

Building Design Modifications to Maintain IAQ for Climate Change

Sponsored by AIHA's Indoor Air Quality Committee & Offered at AIHce in Toronto, Canada

Join IAQ Researchers from around the world as they congregate for one day only to examine, discuss, and debate climate change impact on the IAQ industrial hygiene profession.

October 1-2, 2009

Exposure Assessment Symposium

Sponsored by AIHA's Exposure Assessment Committee and Offered at PCIH in Vancouver, BC, Canada

Management Certificate Program (AIHA) for Industrial Hygienists and Occupational and Environmental Health and Safety Professionals

AIHA's Certificate in Management program is comprised of three tracks: communications, leadership, and finance. The program offers core business competencies to industrial hygienists and occupational and environmental health and safety professionals who often have significant technical and scientific backgrounds, but request more offerings to improve their management skills so they can better manage the business aspects of their careers.

Add to your technical expertise by thinking and acting like a manager. Learn how to lead, how to communicate with staff and other managers, and how to think and speak in financial terms executive management can understand.

Courses may be completed in any order and formal recognition is offered once a participant has completed all core tracks. These courses are usually offered at the PCIH and AIHce—another good reason to attend these conferences.

AIHA Presents On-Site Education: Your Office, Our Training

Partner with the American Industrial Hygiene Association and provide the best training for your staff at your facility. Meet your company's training objectives while eliminating travel costs for your employees. Select courses ranging from one-day to four-day sessions of concentrated instruction by A+ industry experts who are top notch experienced practitioners. Have our experts teach at your facility. We offer a variety of topics on current industry issues for professional development. CE Road courses are approved for certification by IACET, BCSP and ABIH, and offer CM, COC and CEU points.

Course topic areas include:

- Fundamentals of Industrial Hygiene
- Exam Preparation
- Ergonomics
- Nanotechnology
- Exposure Assessment
- Consulting Practice
- Toxicology
- Noise
- Gas and Vapor Detection
- Respiratory Protection Management
- Indoor Environmental Quality
- Protective Clothing and Equipment
- Law and Regulation
- Lab and Health
- Safety
- Risk Assessment

Custom-tailored courses that best fit your organization on the above topic areas are available upon request. To discuss your training needs, contact Stacey Talbot, Continuing Education Manager at (703) 849-8888 or stalbot@aiha.org.

Upcoming TeleWebs:

- Earn certification maintenance points
- Opt to participate LIVE or Post TeleWeb
- Train an unlimited number of OEHS professionals
- Eliminate the travel and time expenses

January 27, 2009

[Toxicology of Engineered and Incidental Nanoparticles](#)

February 19, 2009

Mold Sampling, Analysis and Interpretation






March 26, 2009

Update on Control Banding: Fundamentals, Issues, Applications and Strategies for Implementation

April 28, 2009


Techniques for Hazard Recognition for the Field Employee

Post TeleWeb Archived CD's: You can now purchase archived copies of past TeleWebs. Simply download the post TeleWeb CD order form within six months of the original TeleWeb broadcast date. You can review the CD on your own or with a group or even share it with your student section, local section, and others. If you submit your final exam within one month of purchasing your CD you can get 0.5 CM point, 0.25 COC, and 0.25 CEU.

- [Post TeleWeb CD Order Form](#) 
- [Introduction to Bayesian-Based Decision Making](#) 
- [The Value of Anthropometrics: How to Improve and Apply Respirator Fit Testing](#) 
- [Secrets to Success: Preparing for the CIH Exam](#) 
- [Nanotechnology Update for IHs: Toxicology and Exposure Assessment](#) 

Self Study Workbook Courses—Anytime! Anywhere!

Just as the term suggests, self-study courses are traditional correspondence-type courses. You simply read the course materials and complete the lessons at your own pace, and then submit a final exam.

- [Enroll for a Class Online](#) (To enroll by phone, call (703) 849-8888 and ask for Customer Service)
- [Download an fax order form for any class](#) 
- [FAQs](#)

New! Biological Monitoring: A Practical Self Study Guide

Course Available August 2008

Based on the recently published, *Biological Monitoring Guide, A Practical Field Manual*, this introductory level course is designed to benefit practicing industrial hygienists and/or other OEHS professionals seeking a more comprehensive means to assess exposure and potential health effects in exposed workers. Explore how biological monitoring is an additional tool to be used by industrial hygienists to aid in the assessment of worker exposures from all routes including dermal, inhalation, and ingestion. This self study program is divided into 6 learning modules that accompany the full text, a student lesson guide and final exam. [Get more information on this course.](#)

Elemental Industrial Hygiene, EIH part I

[Order this course online or get pricing information](#)

This course is designed for EH&S professionals who wish to enhance their knowledge of the occupational health sciences (known traditionally as industrial hygiene). More than 2,000 professionals have taken this regularly-updated course during the past 10 years. You can use this outstanding study program for an in-depth review, to prepare for a

certification exam, or simply to enhance your career opportunities. The study program is divided into 11 parts: 10 lessons and a final exam. [Get more information on this course.](#)

Practical Applications of OEHS Math, EIH part II

[Order this course online or get pricing information](#)

This Self Study Course is a comprehensive and interactive course intended for IHs and other OEHS professionals. It is an “intermediate” level course, however, anyone preparing to take the CIH exam and experienced professionals will find it to be a comprehensive review of math used in the OEHS profession. The course workbook, Useful Equations, will illustrate how to apply 150 equations to the real world of industrial hygiene and OH&S. Each section presents practical applications, short case studies, sample calculations (both manually and using the AutoCalc calculator programs.) [Get more information on this course.](#)

Case Studies in the Application of Industrial Hygiene, EIH part III

[Order this course online or get pricing information](#)

This Self-Study course is a compliment to the to another AIHA DL Course by Jeff Burton entitled Elemental Industrial Hygiene. This course covers IH control principles as seen through sixty case studies, depicting IH control principles. It also contains a preprogrammed calculator, which aids in calculations, and seven student lessons. Most of the case studies involve the application of engineering and administrative controls and cover both industrial and IAQ-type problems. [Get more information about this course.](#)

CAREER OPPORTUNITIES

In the geographic areas of the

AIHA Chesapeake and Potomac Sections

To access links to descriptions for several current job listings, please visit our AIHA Potomac Section website at <http://www.aiha.org/potomac.htm> and click your pointer on the “jobs” link.

Announcing...

[Naval Facilities Engineering Command](#)

More opportunities in other geographic areas can be found by visiting [American Industrial Hygiene Association's Employment Service](#) or following additional links posted on the Sections' website.



AIHA Potomac Section
APPLICATION FOR MEMBERSHIP/ RENEWAL
September 2008 – December 2009

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 _____

Celia Booth, 912 W. Braddock Rd., Alexandria, VA 22302, or bring payment and application to any section meeting.