

April 2008

POTOMAC SECTION NEWS

NEWSLETTER OF THE POTOMAC SECTION, AMERICAN INDUSTRIAL HYGIENE ASSOCIATION

Website: www.aiha.org/LocalSections/html/potche/homepage.htm
or www.aiha.org/potomac.htm



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2007-2008 OFFICERS

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Board of Directors (Expiring Yr)

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AIHA Board Coordinator

Allan K. Fleeger

Webmaster

Leigh Doptis, MSPH, CIH (ret)
leigh.doptis@verizon.net

Please join us for our next meeting for

A NIOSH Update

Presented by
Dr. John Howard,
Director of NIOSH

Date: Wednesday April 16th

Time: Social Hour 6:00-6:30 pm, Dinner 6:30 pm
Speaker Presentation 7:30 pm to 9 pm

Place: Tragara Ristorante, 4935 Cordell Ave,
Bethesda, MD; phone # (301) 951-4935

Cost: \$25 AIHA members (RSVP by 4/11/08) \$30
non-members, \$10 students. All payments
at site

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

Directions: *Metro-rail:* The nearest metro is the Bethesda Metro stop (Redline); Tragara is about 4 blocks away. >From the metro stop, you will make a left walking down Old Georgetown road for about 4 blocks and then make a right onto Cordell Ave.; Tragara is the third building on the left.

Parking: Complimentary valet parking is available or you can use the public paid parking garage directly across the street. *Please note that long term parking is on the 3rd level and higher.*

A Message from our Section President

Greetings and Salutations!

As we are moving into spring and mother nature starts strutting her stuff if you are like me, you get excited about the weather to come in the near future. With this excitement in the air, I am also very excited about our next fiscal year already. We have some great things going on.

The first is that we have enough members that have volunteered to take positions in our section for our election. This shows the commitment from you. We still need a president-elect candidate which I feel is vacant because of not understanding the position. Let me be quite candid on what you would be committing to over 3 years.

Year 1 – President Elect

Be responsible for getting venues and speakers. This is very easy now because the board chooses topics during the planning meeting and we delegate who is getting the speaker. We have a great pool of expertise in the area which makes this part easy. Getting the venues is easy too. Right now we have a great selection and if you don't want to look for another venue, you just pick from the list.

Year 2 – President

This is actually easier than the year before. You coordinate the board which is not difficult with the support group we have. You give the announcements at the meetings and the hardest part is writing your monthly letter. You are responsible for the over-all running of the section but right now it runs pretty much on its own.

Year 3 – Past President

This is the easy year – you act as a consultant, you oversee the IH of the Year award and put together the ballot.

Another reason for my excitement is something that I have been able to say to other sections when it comes to getting speakers. Our location gives us the ability to have world class speakers. We don't have to go outside our area or settle for second best. If we want to talk about nanotechnology, or meth labs we have experts right here locally. We also have a special relationship with the national office of AIHA. Just think about this month's meeting too. We have the head of NIOSH, Dr. John Howard speaking to us. Other sections would be thrilled to get someone from NIOSH to speak at their meetings.

As many of you know, I am involved in other EHS organizations and in this era of demands on our time, we are looking at how we can leverage our overlaps with each organization. We have done this in the past and plan on expanding this in the future.

This year is still not over, in addition to Dr. Howard this month at that meeting we will recognize more of our science fair winners. We also have NAOSH week events on May 5th and what is developing into an interesting meeting on FAA system safety.

Have a wonderful and safe spring.

Bruce Donato, CSP, CECD

President, Potomac Section of the AIHA

AIHA POTOMAC SECTION NEWS

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

Month	Topic	Location
April 16, 2008	Update from NIOSH	Tragara Restaurant, 4935 Cordell Ave, Bethesda, MD
May 21, 2008	FAA System Safety (Joint meeting with System Safety)	TBD
September 17, 2008	To be arranged; suggestions welcome	ditto
October 15, 2008	To be arranged; suggestions welcome	ditto
November 19 (?), 2008	To be arranged; suggestions welcome	ditto

Our next meeting will begin with some socializing from 6:00-6:30 pm followed by dinner at 6:30 pm and our honored, guest speaker presentation will follow at approximately 7:30 pm. The cost for attending this meeting will be \$25 for respective association members (please RSVP by 4/11/08), \$30 non-members, and \$10 for students. All payments are due at site. Make meeting reservations by sending an e-mail to Bruce Donato at bdonato@kafirstaid.com.

Directions to the Tragara Ristorante, Bethesda, MD:

By Metro-rail: The nearest metro is the Bethesda Metro stop (Redline); Tragara is about 4 blocks away from the metro stop. You will make a left walking down Old Georgetown road for about 4 blocks and then make a right onto Cordell Ave.; Tragara is the third building on the left.

Parking: Complimentary valet parking is available or you can use the public paid parking garage directly across the street.

Or: Get information and directions from the Tragara web site at <http://www.tragara.com/map.htm>.

Section Membership:

Membership applications are most welcome for our 2008 calendar year. Fill out the attached application and bring to the next dinner meeting or e-mail it to Anish Ranpuria, MPH, CIH (aranpuria@somaonline.com). Please visit our web page for further information on the section and the benefits of membership at <http://www.aiha.org/potomac.htm>.

Results of Regional Science Fairs:

The Section's Officers and membership-at-large (we feel), Mike Cooper of the Section's Executive Board, and our volunteer judges are delighted to announce the award winners at the regional science fairs. Section awards were presented for those student science projects deemed meritorious and deserving of a Section award, as listed below. Also, a mighty big "Thank you" to Mike and our volunteer judges!!!

Northern Virginia Regional Science & Engineering Fair

Junior Division

1st place - *Are the Soils of Arlington Playgrounds Contaminated with Arsenic?* By Katharine Linek

2nd place - *What is the Air Quality of Arlington County?* By Catherine Mitchell

3rd place - *Lead Levels in Soil* By Austin Reno and Matthew Beckwith

Senior Division

1st place - *Water Purification Technologies* By Conor Boyle

2nd place - *Do Different Sports Affect the Athlete's Lung Capacity?* Kathryn Tsagronis

Montgomery Area Science Fair

Junior Division

1st place – *The Effectiveness of Sound Barriers on Highway Traffic Noise* By Shaun Datta

2nd place – *What Tunnel Portal Configuration will have the Least Amount of Wind Velocity and Noise Level* By Elena Choong

3rd place – *How Much Stress Can the Human Knee Withstand Before Wearing Out Enough to Need Replacing?* By Amanda Feagans

Senior Division

1st place – *Lead Content Variability in Toys* By Hien Truong and Sydney Rosebraugh

2nd place – *Hear, Here!* By Melanie Fajardo, Chris Palumbo and Jen Chiogioji

Fairfax County Regional Science and Engineering Fair

1st place - *Effect of Video Games on Eye-Hand Coordination* By Gregory Forrester, Justin Rexroad

2nd place - *The Effect of Different Frequencies on Vibration* By Armin Aflaki, Ryan Klein

3rd place - *The Effect of Age and Gender on Hearing* By Ranges Noah Gavurin

Prince William – Manassas Regional Science Fair (project titles not available)

1st place - Jessica Jacobson - Battlefield HS

2nd place - Jacqueline Penders - Linton Hall School

3rd place - Rebecca Wescott - Battlefield HS

Catherine Mitchell, our 2nd place winner from the Junior Division at the Northern Virginia Regional Science & Engineering Fair, attended our March 19th section meeting and gave an overview of her project entitled *What is the Air Quality of Arlington County?* The section presented her with a certificate, cash prize, and an informational DVD from AIHA.

Section members judged our fourth and final science fair for the year on March 29th. The 1st and 2nd place winners from the Montgomery Area Science Fair and the Fairfax County Regional Science and Engineering Fair have been invited to display their posters at our April 16th meeting.

In June: System Safety Symposium/Workshop:

The Washington DC Chapter of the System Safety Society is holding a symposium/ workshop on June 23-27 in St Mary's County. The forum would provide an excellent opportunity for local member to learn about the field of systems safety and design for safety. They are also looking for speakers. Background information is available at <http://www.system-safety.org/~washingtondc/> I've been asked to organize a day-long occupational health tutorial and may need some speakers. Please advise Geiger, Mark B. CIV (Acquisition Safety) [mark.geiger1@navy.mil] if you or colleagues are interested.



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:

- [Top public policy issues for AIHA in 2007-2008](#) 
- [Comments on OSHA Advanced Notice of Proposed Rulemaking](#) 
- [Comments Submitted by AIHA to Senator Enzi on Senate Bill 2066](#) 

- [Letter to Senator Enzi in support of Edwin Foulke, Jr. for the position as Assistant Secretary of Labor for OSHA](#) 
- [Letter of support for the appointment of Jim Thornton to MACOSH](#) 
- [NIOSH/AIHA Partnership](#)
- [Letter to Representative Conyers about H.R. 1269, the "United States Toxic Mold Safety and Protection Act of 2005", also known as the "Melina Bill."](#) 
- [Comments and Suggestions on H.R. 1269 from AIHA](#) 
- [Letter to Representative Charlie Norwood in support of increased funding for NIOSH](#) 
- [OSHA FY2006 Budget Proposal](#) 
- [Letter of Support for John Caylor as Assistant Secretary of Labor for MSHA](#) 
- [Top Public Policy Issues for 2005–2006](#)
- [AIHA Recognizes and Expresses Thanks to the Assistant Secretary of Labor for OSHA](#)
- [AIHA Comments on Proposed Federal Railroad Administration Rule on Noise Levels in Locomotive Cabs](#) 
- [American Industrial Hygiene Association Comments on a Hearing Conservation Program for Construction Workers](#) 
- [Up-to-date information from OSHA on ergonomics](#) 
- [Latest Information on OSHA's Alliance Agreements, of which AIHA is one signatory](#) 
- [AIHA/OSHA Alliance Agreement](#) 

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

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

Click on the link below to view the latest *Happenings from the Hill* [Note: you must log in]: <http://www.aiha.org/Content/AccessInfo/gov/HappeningsFromtheHill.htm>. The latest entries are as follows: [Happenings From the Hill - April 7](#) 



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

PROFESSIONAL DEVELOPMENT OPPORTUNITIES

EPA Indoor Air Quality - Associated Interagency Committee on Indoor Air Quality
<http://www.epa.gov/iaq/ciaq/index.html>

EPA maintains an Indoor Air Quality (IAQ) website and heads an associated interagency committee on IAQ. Their website provides access to various Federal Agency program information and general technical and public education information on IAQ issues.



AIHA's Continuing Education—2008 Schedule of Courses & Symposia

AIHA offers courses on essential industrial hygiene principles. Emerging issues taught by industrial experts. Additional courses will be added throughout 2007, visit www.aiha.org/road.htm for course updates and detailed course information.

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 roadcourse program offers on-site training courses, professional development road courses, and distance learning opportunities. [Register Now!](#)

September 22-26, 2008 Ann Arbor, MI
[Comprehensive Industrial Hygiene Review](#) 

April 14-17, 2008 Houston, TX
June 16-19, 2008 Evanston, IL
October 13-16, 2008 Las Vegas
[Fundamentals of Industrial Hygiene](#)

October 6-8, 2008
[Certified Safety Professional Exam Preparation Workshop](#)

November 10-12, 2008 Orlando, FL
[Meeting Competency Requirements for Mold Remediation: HVAC and Writing Effective Building System Remediation Specifications](#)

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

[Ergonomics Symposium: Making a Business Case for Ergonomics \(and Other Health and Safety Programs\)](#)
June 1, 2008
Minneapolis, Minnesota

[The Industrial Metalworking Environment: The 3rd Symposium on the Assessment and Control of Metal Removal Fluids.](#)
October 5-8, 2008
AIHA is a sponsor of this symposium.

Risk Assessment Symposium
November 6-7, 2008
Sponsored by AIHA's Risk Assessment Committee
Tampa, Florida

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.








Telewebs:

April 17, 2008: [Introduction to Bayesian-Based Decision Making](#)

Webcourses--New courses and course formats coming soon!


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.

- [Secrets to Success: Preparing for the CIH Exam](#) 
- [Nanotechnology Update for IHs: Toxicology and Exposure Assessment](#) 
- [Application of Life Safety Engineering Principles – Part 2](#) 
- [Application of Life Safety Engineering Principles – Part 1](#) 
- [Implementing Personal Protective Equipment \(PPE\) Decontamination](#) 
- [Mold Assessment, Remediation, and Prevention: Applying Current Best Practices](#) 
- [Hearing Conservation Metrics: Measuring Effectiveness](#) 

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](#)

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

[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.](#)

Lab Quality Assurance/Quality Control

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

The course is designed to assist the student in understanding the concepts of quality assurance and quality control (QA/QC) and how these principles affect data produced during the analytical process. The student will learn the basic elements required for an effective laboratory QA/QC program and what is required to implement a QA/QC program. Information is presented to assist the student in applying the QA/QC procedures to each phase of data production from preparation for sample collection through receipt of a final report in order to reduce or eliminate errors in the process. The course also includes information for ongoing evaluation of laboratory QA/QC programs that help ensure continued improvement in the program. [Get more information about this course.](#)



CAREER OPPORTUNITIES

To access links to descriptions for several current job listings, please visit our AIHA Potomac Section website at <http://www.aiha.org/localsections/html/potche/jobs/jobs.htm>.



Potomac Section
APPLICATION FOR MEMBERSHIP/RENEWAL
September 2007 – December 2008

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.**