



President's Message

Question..... Can being an active member of an organization such as the Carolina's AIHA make a difference? Answer..... It did for me!

For the past 26 ½ years I have been very fortunate to call the Carolina's my home. That's a heck of a long time, but has gone by extremely fast (although slower some days than others). The Carolina's have provided my wife, Barbara, and I with a wonderful and rewarding life... and nothing could be finer.

As a new graduate from West Virginia University back in December of 1980, I loaded all of my belongings into a silver two seat Opah GT and headed south to Raleigh, eager to find out what awaited me with my first job as an industrial hygiene compliance officer for North Carolina's OSHA program. It was really a very exciting time and provided me with good experience and more importantly, great friendships with co-workers. Back in those days, there were several of us "fresh out of school" hygienists working as compliance officers and we all bonded by spending many hours together on and off the clock.

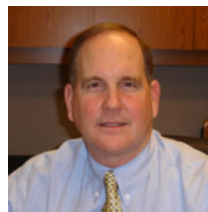
I actually attended my first Carolinas AIHA Section meeting back in 1981. It was there that I met some of the pioneers of our field including; Warren Cook, John Lumsden, Bill Dyson, and others. I can still remember how impressed I was with the collective level of knowledge, dedication and professionalism of the AIHA Carolinas Section members. This early encounter forged a lasting impression and sparked a desire to be the very best I could be. Over the years, many of these Section members encouraged and assisted me in my quest to become certified and grow in the industrial hygiene profession. I have been a proud and active member ever since.

Like many of you, my career has undergone many changes. All of the companies that I previously worked for (Royal Insurance and Springs Global US), have either closed or moved manufacturing overseas. Until my departure a few months ago, I actually had the dubious honour of being the last remaining industrial hygiene professional left in the textile industry.

Through all of this change, however, I relied on the close ties I had forged with the Carolinas Section members. As a matter of fact, I learned about and landed my most recent position with Owens-Illinois through my camaraderie with the Section. Is that awesome or what?! (You might want to check out the job board on our web page from time to time).

AIHA Fellows Award

Congratulations to Lindsay Cook, CIH, CSP, Senior Vice President with The EI Group and Elizabeth L. Pullen, CIH, Industrial Hygiene Manager with Clariant Corporation for winning the American Industrial Hygiene Association Fellows Award. Lindsay and Elizabeth were two of 24 selected from 169 nominations from the 11,600 active CIH's from around the world.



Fellows of AIHA are individuals who have been AIHA members for a minimum of 15 years. These individuals have been nominated by a local section or standing committee for their recognized achievement in the field of industrial hygiene, either through research, leadership, publications, education, or service to AIHA. Individuals are approved as Fellows by the AIHA Board of Directors after recommendation by the Awards Committee. Lindsay Cook was nominated by the AIHA Z9 Accredited Standards Committee. Elizabeth Pullen was nominated by the AIHA Exposure Assessment Strategies Committee.

The awards were presented at the 2007 AIHce conference in Philadelphia on June 6th. The Carolinas Section is very fortunate to have Lindsay and Elizabeth as members. Congratulations for earning this prestigious award!

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National AIHA Update

From June 3 & 7, 2007 meeting

- AIHA is working to increase their international presence. President Renshaw appointed a 2nd International Task Force to continue the work of the first task force. Their goals will be to evaluate all aspects of international work and to assist the International Affairs Committee in their work. In 2008, AIHA will be co-sponsoring a Fundamentals of Industrial Hygiene course in Beijing, China, along with COSHA (Chinese Occupational Safety and Health Association). The board heard an update on activities of IOHA (International Occupational Hygiene association), which is a group of 25 international occupational hygiene organizations. Their goal is to work more closely with AIHA in achieving progress internationally.
- The AIHA conference in Philadelphia was successful, with more than 7000 attendees, which was about a 5% increase over 2006. Staff will compile evaluations from all aspects of the conference.
- Connie Paradise (Director of Product Development and Marketing) discussed the outcome of the 2006 Member Needs Assessment Survey and reviewed the recommendations from the previous 2003 survey. She reviewed the topic issues of interest, including emergency response, nanotechnology and control banding. Other issues were national regulations, certifications and the future of the profession.
- The Board discussed the AIHA's reserve position, which is the percentage of the annual operating budget which should be held in reserve in the event of a catastrophe such as pandemic outbreak, fire, lawsuit or act of terrorism. The current position is to have 50% of the budget in reserve. The board discussed moving that number to 60%, which is in line with many other associations. The board will allow more time to study the business continuity plan before making a decision.
- The WEEL and ERPG committees provided information to the board on their committee activities and history in preparation for this summer's strategic planning session, which will in part discuss the issue of OELs (occupational exposure limits).
- The EHS non-member task force presented an update on their activities, which includes suggestions such as bundling products & services, exploring other levels of membership based on products & services, and developing a buyer loyalty program. The task force will continue their efforts.
- The Local Section Project Team presented outcomes from the Local Section Project Task Force and recommendations to strengthen LS and the LS system. The board approved the formation of a Student Local Sections Council comprised of the presidents and presidents-elect of AIHA Student Local Sections, which will help engage students with AIHA. The Finance Committee approved a request on June 4 to support a web-based administrative system that local sections can use for tasks such as collecting dues and signing up for meetings. AIHA would pay for initial start-up costs and the local sections would pay for monthly maintenance fees. Members at the Local Sections Council meeting had questions about the system, but in general were supportive of this new tool, especially since use of it would be voluntary.
- The AIHF (Foundation) requested support for enhanced fundraising ability for future capital campaigns and the board approved their request.
- The Academy (AIH) President will attend future AIHA board meetings, to enhance the communication between the two organizations.
- Frank Renshaw recognized our outgoing board members on June 3, including Cindy Ostrowski, Harry Beaulieu and Roy Buchan.
- On June 7, the board proposed a modified agenda structure for future meetings. The proposed agenda would have three parts: Strategic issues (goal review, focus areas), Operational Policies and Direction (core business, new business, interfaces and alliances) and Routine Board Business (officer reports, business activities requiring board approval, old/new business, consent agenda). Each board meeting would have a focus on one of the four strategic goals and a subset of the strategic focus areas. Board members will send input to President Don Hart.

Article contributed by Elizabeth Pullen, CIH - Clariant Corporation

- President's Message (continued from cover)

Over the years, I have continued to develop numerous professional relationships with many Section members, some of whom I consider close friends. You see, for me there really is and always has been something special about being involved in the Section. Attending the local Conferences and City Meetings is kind of like a class reunion for me. It's always great to see some old friends and meet new ones. I especially enjoy the enthusiasm of our newer members who, in a very short time, will become the next leaders of our section.

Each one of us has our own story to tell. Being an active member of the Carolinas Section has made a positive impact in my life...and it can for you as well! By all means, please do not miss out on what participation in the Section has to offer you. Do yourself a favour and make a point to regularly attend one of our City Meetings and/or conferences. There are so many ways to become involved... in the end, you will be glad you did!

It is really an honour to represent you as Section President. I am very fortunate to serve with a really great Board of Directors who makes my job easy. I am proud of our past and very excited about our future. We will continue to offer high quality educational opportunities and opportunities for networking, while continuing to promote high standards of professionalism for members practicing the field of industrial hygiene.

I really hope to see you soon at one of our City Meetings or at the Fall Conference/PDC!

Take Care,

John

John Lopez, CIH
Owens-Illinois, Inc.

AIHA CAROLINAS SECTION FALL CONFERENCE & PDC, OCTOBER 17-19, 2007 BAXTER M. HOOD CENTER - ROCK HILL, SC

Please find a schedule for the AIHA Carolinas Section Fall Conference and PDC as well as the registration form for participants and vendors on page 4. Get an early start and don't miss this great opportunity for professional development!

Below, you will find the course description for the **PDC-"Basic Electrical Safety and NFPA 70E"**. Please note that it is strongly recommended that each PDC participant purchase a copy of the **NFPA 70E, STANDARD FOR ELECTRICAL SAFETY IN THE WORKPLACE**. This publication can be purchased for about \$42 at nflpa.org.

You can register by check or credit card. Your paid registration will be confirmed with a letter and receipt which will be mailed to you.



Basic Electrical Safety with Application of NFPA 70E

Basic Electrical Safety, a Professional Development Course, was presented at the 2002, 2003, 2004, 2005, 2006 and 2007 American Industrial Hygiene Conference & Exposition, and the ASSE PDC in 2005, 2006 and 2007! The 6 year running sold out course **ranked in the top ten PDC's in 2005 and 2006 at the AIHce**, and received positive feedback. Here are some of the comments from the course evaluations:

- "Workshops are very instructive, they really make a difference"
- "I felt this was an excellent program. The course was interesting and helped me meet my goals. I liked the labs and demos"
- "Just what I wanted. A very basic course in electrical safety. Good Adult learning concept use."
- "Instructor involved attendees with hands-on exercises. Nice job!"
- "Coverage of NFPA 70E was excellent. Table top work greatly enhanced understanding. Very good class!"
- "If your job responsibilities include electrical safety, this is the course you need!"

Introductory | 1.0 Safety CM Point (ABIH Approval #07-112)/0.625 COC point

Learning Aids: Hand held calculator with square root function. Attendees are strongly recommend to purchase NFPA 70E, STANDARD FOR ELECTRICAL SAFETY IN THE WORKPLACE publication (available for about \$42.00 each at nflpa.org). Instructor will provide LIMITED copies of the publication for use during course ONLY. Instructor copies of NFPA 70E are to be returned to instructor upon course completion.

Objectives: Upon completion, the participant will be able to:

- Gain a fundamental understanding of engineering design principles and management principles of electrical safety including the application of OSHA's newly adopted NFPA 70E electrical safety requirements
- Discuss the basic principles of electricity including electrical units and basic circuitry
- Identify the hazards of electricity to the human body
- Implement engineering control principles of electrical hazards (including hazardous locations, wiring protection and design, grounding, and workspace).
- Explain the requirements when working near energized equipment when utilizing PPE, and approach boundaries
- Identify the regulatory requirements for electrical safety under OSHA and the NEC, (NFPA 70E)
- Recognize the safety requirements for electrical equipment, temporary wiring, and cord and plug equipment
- Implement the training requirements for qualified persons
- Develop a company electrical safety program
- Demonstrate the skills learned in this course through "hands-on" laboratory sessions on basic principles and reverse polarity.

Description: Worker injuries resulting from lacking or inadequate electrical safety controls can be debilitating and even fatal. It is the responsibility of the health and safety professional to recognize electrical hazards and suggest methods of control. Basic electrical safety is an introductory course for the safety professional. It provides the professional with how-to issues as well as a unique, direct focus, and explanation of principles and visual skills. The course's content covers the basic principles to comply with OSHA and NEC standards. The course's objectives provide a chronological sequence for implementation of electrical hazard control and management.

Instructor: Paul Zoubek, CSP, CIH, Occupational Services Inc, San Diego, CA



AIHA Members – What’s On Their Mind?

Some Thoughts... AIHce 2007 just wrapped up in Philadelphia. All in all, one of the best annual conferences I have attended in many years. If you attended, you know what I mean. This year, I attended 28 different technical committees, provided a short update on government affairs activity, and answered any questions the committee members may have had. This is one of the most educational and informative things I do year in and year out. I never pass up this opportunity. Make it a point to attend the 2008 AIHce in Minneapolis.

So, after attending 28 technical committee meetings and visiting with hundreds of AIHce attendees who want to hear about government affairs activity, what issues are being discussed? AIHA members are interested in dozens of different issues. But what was even more surprising is that there didn't seem to be one or two issues that came up on a consistent basis. That doesn't mean the specific issues aren't important to occupational health and safety. It simply means there are many issues out there more important to some than others because of their specific responsibilities. Let's take a look at a few of the top issues:

Updating the PELs: The number one issue in member surveys. While most members express concern, it seems as though most realize this is a very difficult issue, one that will take years to solve. There seemed to be resignation that this was one issue out of their hands.

TLVs: An issue where many simply wanted to know the status of the TLVs in relation to recent court action or legislative interest. Most were pleased that Congress does not at this time seem to have an interest in pursuing any control over OSHA and the TLVs.

Pandemic Flu: A surprise this issue didn't receive more discussion. Perhaps the issue doesn't involve as many of our technical committees as first thought. Perhaps the reason is that because the federal government does not seem to have any coordinated effort to announce, individual OH&S professionals can't address the issue.

OSHA: Interest in the overall direction of OSHA was a concern.

Ergonomics: Interest in this issue is still there, but more so on the state level. Nearly a dozen states introduced legislation in 2007 to address the issue of safe-patient handling.

Professional Recognition: Most still express concern for the overall profession and what the future may hold. This involved the fact that many are becoming more involved in OH&S in a broader sense than specifically as an IH. I got the sense that most think the future is pretty bright in OH&S, but not necessarily as an IH.

So, what can one make of all this? Hard to say. Overall, I would say that the profession of occupational health and safety is in good hands. I continue to be amazed at the knowledge amassed by AIHA members. AIHA members may not be involved in every issue impacting worker health, but on those issues in which they have day to day responsibility you would be hard pressed to find any profession that has more of a positive impact on worker health and safety. Just a few thoughts of my own! - *From Aaron K. Tripler's "Happenings from the Hill."*

AIHce Follow Up

Thousands of IH's and EHS professionals attended the 68th annual AIHce held in Philadelphia this past June.. AIHce 2007 attracted a five percent increase in professional attendees with approximately 7,000 AIHce 2007 participants. Conference-goers found hundreds of hands-on educational opportunities offered and an exposition with exhibits from more than 300 companies. Many exciting developments in the field of industrial hygiene happened as a direct or indirect result of this conference. Some noteworthy items important to local sections include:

Media/Public

- Career packets about IH were sent to over 200 high school guidance counselors
- AIHA will be working with NIOSH and the American Physics Society to produce 90-second TV segments on IH for participating news programs "Discoveries and Breakthroughs in Science." We will have the opportunity to do four of these segments.
- Our Communications department is working on a "Building a Safety Culture" campaign – targeting high profile employers to develop articles stating the value of IH in safe workplace culture and management planning that will be run in business journals.

Students

- AIHA partnered with the National Science Resource Center and participated in their Symposium for Scientists and Engineers, exploring collaboration to improve K-16 science education – we were the only association attending and this provides a great opportunity to expand awareness.
- AIHA is also building alliances with other groups such as the Health Physics Society, American Speech-Language Hearing Association, Council of Engineering and Scientific Society Executives to be able to increase awareness of IH as a career option.

Local Sections

- AIHA is reviewing funding an on-line database management system to assist sections with mailings, dues collections, and member tracking.
- The Board approved the formation of Student Local Section council to identify, nurture and assist young leaders and our student sections.
- 13 Student Local Section Presidents were invited to Leadership Workshop in March. Next year this program will be expanded to include all student local section leaders who want to attend.

Article Contributed by: Zandra M. Walton, CIH, Board of Directors

Carolinas AIHA Fall 2007 PDC/Conference Agenda

October 17-19, 2007

Baxter Hood Conference Center, Rock Hill, South Carolina

PDC-Basic Electrical Safety and NFPA70E

Wednesday - October 17

1:00-2:00	Principles of Electricity
2:00-2:20	Hazards of Electricity
2:20-3:15	Wiring Protection & Design
3:15-3:30	Break
3:30-3:45	Grounding Engineering
3:45-4:00	Workspace
4:00-4:45	Hazardous Locations
4:45-5:00	Lab Sessions

Thursday- October 18

8:00-9:30	Personnel Protection
9:30-10:00	Electrical Safety Program
10:00-10:15	Break
10:15-10:45	Training Requirements
10:45-11:15	Cord and Plug Equipment - Temporary Wiring and Hand Tools
11:15-12:00	Electrical Equipment & Miscellaneous Work Practices

CONFERENCE

Thursday - October 18

10:30 AM	Registration
11:00 AM	Exhibitors' Area Opens
Noon	<i>Lunch Provided</i>
1:00 PM	Welcome - John Lopez, President
1:15 PM	AIHA Happenings (AIHA Value of Profession Study, Ethics, OEHS Library) Elizabeth Pullen - AIHA
2:15 PM	Radiation Safety, Dirty Bombs, and Russian Spies - Steve Fowler
3:15 PM	Break - <i>Exhibitors' Area</i>
3:45 PM	Business Continuity and Disaster Recovery - David Shimberg
4:30 PM	Business Meeting
5:30 PM	Past President's Reception (<i>Exhibitors' Area</i>)

Friday - October 19

7:30 AM	Coffee and Danish - <i>Exhibitors' Area</i>
8:00 AM	TBD
9:00 AM	TBD
10:30 AM	Break - Exhibitors' Area
11:00 AM	Student Internships - <i>Dr. Dilip Shah, North Carolina A&T State University</i>
Noon	Conference Ends

Registration Form

Advance Conference Registration

(add \$20 after Sept 21)

Member	\$95
Nonmember	\$115
Students	\$20
Exhibit Space	\$220 (per table)

PDC

(add \$20 after Sept 21)

Member	\$165
Nonmember	\$200

Carolinas Section Annual Dues

Member	\$20
Student	\$10

Method of Payment

___Check ___Visa ___MasterCard ___American Express

Card Account Number _____

Expiration Date _____

Card Holder Signature _____

Card Holder Name

Please Print _____

Billing Address for Card

Name: _____

Title: _____

Company: _____

Address: _____

City: _____ State: _____ Zip: _____

Business Phone: _____

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Email: _____

Make Checks payable to AIHA Carolinas Section and mail Registration Form To:

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Attn: Connie McElroy-Bacon
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