



## Carolinas Section

Carolinas Section Summer 2009 Newsletter

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### PRESIDENT'S MESSAGE

As the Carolinas Section Fall 2009 PDC and Conference approach, the Board of Directors is hard at work preparing what I think will be one of the best events in our Section's history. We understand the challenges that individual consultants and companies are facing in this economic downturn and the limitations that has placed on our members in travel and professional development opportunities. We don't like it any more than you do, so we decided to do something about it. In fact, we decided that if our members can't travel to the national conferences this year, we would bring a little piece to them. I'm not talking about a little piece either. We are bringing a PDC that has been ranked in the top three in attendee satisfaction at AIHCE for several years in a row.

Thanks to Andrew Walker, BMW is hosting the conference this fall. The money we are saving on facility fees is the main factor that has allowed us to provide such an outstanding PDC. Andrew is also going to be leading a plant tour, which should be very interesting. I will probably feel like a kid in a candy store while looking at all of those shiny new cars that I can't afford. I hope you find it fun and exciting as well. I also want to express my appreciation to Andrew and BMW for their willingness to host our conference. Before you ask, we did consider giving away a free car. How-

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## The Warren A. Cook Distinguished Service Award

*The award, commonly known as the “Cook Award” was created in honor of, and is now presented in memory of, Mr. Warren A. Cook.*

*Warren Cook was a pioneer in the industrial hygiene profession and had a long and distinguished career. He was the second president of the American Industrial Hygiene Association in 1940. He was President of at least two Local AIHA Sections – Michigan in the 1950’s and the Carolinas Section in the 1970’s. He was one of the original founders of the Carolinas Section and served as President for two years immediately after it was formed. Mr. Cook remained involved in the Section and the profession into the late 1980’s.*

*Warren Cook was the recipient of numerous awards over his career and his name is often listed among a “who’s who” of Industrial Hygiene names – names like Hamilton, Yant, Cummings, and Patty. Warren Cook has been honored by the naming of several awards after him, including the Carolinas AIHA Warren A. Cook Distinguished Service Award. Mr. Cook was the first recipient of the Carolinas award in 1987.*



This year’s Cook Award recipient has met the award criteria of distinguished service to the profession of industrial hygiene throughout a significant career also.

The 2009 award recipient truly represents what it means to be a Carolinas Section Industrial Hygienist. She attained her bachelor’s degree in chemistry from the University of South Carolina and a MSPH at the University on North Carolina. She also worked as a Health Compliance Officer for the North Carolina and South Carolina Departments of Labor.

Prior to serving on the Carolinas Section Board between 1998 and 2000, she participated on the team that supported the North Carolina Industrial Hygiene Council in the successful pursuit of IH Title Protection legislation in 1997. Shortly after rotating off of the board, she began organizing city lunch meetings and has continued through 2009. Throughout her involvement with the Carolinas Section, our award recipient has continually provided insight on how to improve the Section as well as the conferences. She has helped plan non-technical aspects of the conferences and helped recruit conference sponsors. The 2009 Warren A. Cook award recipient is a person who has worked diligently out of the spotlight for years to make our Section better. She is an excellent example of how leaders do not always have to be the person standing in front.



NORTH CAROLINA SCHOOL  
OF SCIENCE AND MATHEMATICS

**The North Carolina School of Science and Math has requested speakers to present various topics to their honors classes.**

Requested topics include:

- The Profession of Industrial Hygiene
- Noise Measurement Techniques
- Air Sampling and Analysis
- Mold Investigations, and others.

Some of the presentations may be broadcast to schools throughout North Carolina. **If you have any interest in being a speaker, contact Chris Murray.**

ever, it was about \$30,000 to \$40,000 over our budget. In order to prevent myself from becoming the first Carolinas Section President to be impeached, I decided against it.

While attending my daughter's middle school open house last week, her teacher made a surprising declaration to all of the parents in the room. She said that she could not read minds and that in order for her to know if something was not going well with the students or parents, we would have to tell her. After thinking it over, I realized that I am not a mind reader either. My wife provided multiple examples to confirm my analysis. I am also willing to bet that the rest of the Board and Section members are not very good at mind reading. That is why, although you probably consider it to be much like listening to a flight attendant review the safety instructions, we really need your feedback. By filling out the conference and PDC evaluations, we can learn what topics interest you most. That is really the only way we can be sure to give you what you want. The board is focused on assuring that attending the PDC and Conference is a value to you. When you leave the conference, our goal will be met if you feel like you got what you wanted and more than you paid for.

I hope to see you all in Greer!

*Tony Watson*



## Calling All History Buffs!

We are currently collecting information on the history of the Carolinas Section of AIHA.

If you have any documents, photos, or memories that you would like to share, please contact Tony Watson.



You asked for it! . . . You got it!

# AIHA Carolinas Section PDC and Conference

October 7-8, 2009

BMW Plant  
Greer, SC

**Day 1:** Professional Development Course

**Day 2:** Conference

## Anticipation, Recognition, Evaluation and Control of **Welding Health Hazards**

**In 2008 and 2009, this professional development course was recognized by course attendees one of the "top ten" PDCs at the AIHCE.**

Presented by Mike Harris, PhD, this course describes common welding and thermal cutting processes and the health/safety hazards associated with these processes. Terminology used in the welding industry is incorporated throughout the PDC as a means of familiarizing participants with the vocabulary used in the workplace. Materials, thermal processes and scenarios associated with potential for overexposures are described. Emphasis is placed on Manganese and Hexavalent Chromium exposures as well as many other health and safety hazards.

Suggestions for improving the quality of monitoring data are provided as are suggestions for prioritizing exposure assessments. Ventilation techniques and respiratory protection options are also described.

Upon completion, the participant will be able to:

- Describe general health and safety hazards associated with welding & thermal cutting
- Develop an exposure assessment strategy for welding and thermal cutting strategies
- Anticipate circumstances that may be expected to result in elevated exposures to manganese and hexavalent chromium
- Recognize and recommend effective ventilation for confined space welding and thermal cutting
- Identify issues that need to be addressed during welding and thermal cutting in confined spaces.

This course has been offered at the AIHCE in 2003, 2004, 2005, 2006, 2007, 2008 and 2009. This course has also been offered at the PCIH in 2005, 2006 and 2008 and is scheduled for 2009. In all cases the ABIH has awarded 1 CM point for attendance.

- Industry Profile: **BMW Plant**
- Plant tour after lunch
- Presentations on:
  - Nanotechnology
  - LEED
  - Indoor Air Quality
  - SC OSHA Update
- Exhibit Hall



**Mike Harris, PhD**  
CIH CP 7472

Mike Harris received an earned research Doctorate from Louisiana State University in 1979 and is president of Hamlin & Harris, Inc. in Baton Rouge, Louisiana.

His welding experience includes:

- Teaching aircraft welding at the US ARMY Transportation School.
- Welding environmental test equipment for Ling Electronics.
- Welding aircraft drop tanks at Royal Industries.
- Welding pressure vessels for nuclear submarines at Aerojet General.

Dr. Harris was named "American Industrial Hygiene Association Fellow" in 2009 for "...outstanding contributions to the Association and to the profession."

**Don't miss this economy-friendly opportunity to earn CM points locally this year.**

**Sign up soon as this event is expected to sell out quickly!**

(See next page for tentative agenda and registration information.)

# Agenda

## Wednesday, October 7

8:00 am **Registration**  
 8:15–5:00 pm PDC: "Health and Safety Aspects of Welding"  
 —Michael K. Harris, PhD, CIH; Hamlin & Harris, Inc.  
 12:00 Noon **Lunch (provided)**  
 5:00 pm **Vendor Display Area Opens**  
 5:30 pm Past President's Reception (Vendor Display Area)

## Thursday, October 8

7:30 am **Coffee & Danish, (Vendor Display Area)**  
 8:00–8:15 am Welcome—Tony Watson, CIH, CSP; Workplace Hygiene;  
 President, AIHA Carolinas Section  
 8:15–9:15 am "LEEDs and Indoor Air Quality Management"  
 —Ken Warren, CIH; S&ME  
 9:15–10:00 am "SC DHEC Program Update (New Asbestos  
 Requirements)"—Robin Mack  
 10:00–10:30 am **Break and Vendor Displays**  
 10:30–11:15 am "SC OSHA Update"—Harvey Jessup  
 11:15–Noon "Industry Profile"—Andrew Walker, CIH, CSP; BMW  
 Noon **Lunch (provided)**  
 1:00–2:00 pm BMW Plant Tour  
 2:00–3:00 pm "Nanotechnology"—Kevin Dreher, MS, PhD; US EPA  
 3:00–3:30 pm Break and Vendor Displays  
 3:30–4:30 pm Student Presentations (NC A&T and Western Carolina)  
 4:30–5:00 pm Business Meeting—Colleen Eubanks, CIH; SCNSC; Vice President, AIHA Carolinas Section  
 5:00 pm Closing Remarks—Chris Murray, CIH; The EI Group, Inc.; President-Elect, AIHA Carolinas Section

Copies of Dr. Michael K. Harris' book: "Welding Health & Safety: A Field Guide for OEHs Professionals" is available for purchase by PDC attendees at a reduced rate of \$68 per copy. (Usual AIHA Member Price—\$79; Non-members—\$109)

Please indicate if you would like a copy on the registration form and include the cost of the publication along with your payment.

**You must register by September 7, 2009 to ensure receipt of the publication in time for the PDC.**

**—This publication is not required for the PDC—**

**NOTE:** The order of speakers is subject to change. Please look for the final agenda in the conference program.

## Conference Location

## Lodging

**BMW Manufacturing Company, LLC**  
 1400 Hwy. 101 South  
 Greer, SC 29651

**Wingate by Wyndam**  
 33 Beacon Drive  
 Greenville, SC 29615  
 864.281.1281

Sleeping rooms have been set aside at the Wingate by Wyndam (Off Pelham Road—10 minutes from BMW), but availability cannot be guaranteed past September 15. Please make your reservation directly with the hotel. Ask for the special AIHA rate of \$65/night (plus tax).

## Registration

Advance Conference Registration (add \$20 after September 15th)	PDC (add \$20 after September 15th)	Carolinas Section Annual Dues
Member \$95	Member \$195	Member \$25
Nonmember \$115	Nonmember \$230	Student \$10
Exhibit Space (each table) \$220	Welding Guide \$68	
		<b>TOTAL Amount Enclosed: \$</b>

Name: \_\_\_\_\_  
 Title: \_\_\_\_\_  
 Company: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Business Phone: \_\_\_\_\_  
 Business Fax: \_\_\_\_\_  
 Email: \_\_\_\_\_

### Method of Payment

Check  Visa  MasterCard  American Express

Card Account Number: \_\_\_\_\_ Exp. Date: \_\_\_\_\_

Card Holder Signature: \_\_\_\_\_

Card Holder Name (please print): \_\_\_\_\_

Billing Address for Card: \_\_\_\_\_

Check box if this is an address change

**Make Checks payable to AIHA Carolinas Section and mail registration form to:**

Carolinas Section | Attn: Connie McElroy-Bacon | PO Box 37129 | Raleigh, NC 27627-7129  
 Fax: 919-852-4594 | Phone: 919-233-8400 | Questions? Send email to: cbacon@mindspring.com