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# SPRING 2014 NEWSLETTER

## President's Message

Dear Section Members,  
 After a long cold winter, the snow has melted and the Carolinas Section Conference/PDC is just around the corner. We are returning to Raleigh, NC to a familiar location that has been newly renovated and promises to impress. With the economy recovering from recent bad times, many of us have seen our training and travel dollars cut or restricted. This has been especially true for those employed by state and federal government. National conferences are getting harder to attend, and webinars and internet based training are becoming the training media of choice. However, what is not available through webinars and the internet is face-to-face interaction and networking with peers. Our Local Section is there to serve that need. Our Conferences and PDC provide an environment that promotes personal interaction with technical area experts, our peers, and with vendors representing the companies that provide the latest technologies. Our Conference and PDC has to be more fun, and much more enlightening, than sitting in your office listening to a webinar, and definitely less expensive than flying to a national conference or seminar. In Raleigh, we will have a very comprehensive discussion of Nanotechnology by a recognized expert. This promises to be as good a seminar on this topic as available anywhere else. Additionally, there will be many presentations on good technical topics that should stimulate questions and discussion. We will also have opportunities to see new technology presented by our vendors and spend time talking with old and new friends.

The Carolinas Section has been providing industrial hygienists a great opportunity for training and face-to-face interaction for more than 40 years, but sometimes it takes struggling economic times to show the real value. Come to Raleigh and be a part of it. It really is a good deal.

Ken Warren,  
 President AIHA-Carolinas

NOTE: We would like to acknowledge Ken for his time and efforts, serving as the section President this past year. As we adjourn this Spring conference, Kevin Cosgrove will assume duties as President of the AIHA-Carolinas Section. Thank you Ken for all your sacrifice this past year, and service as President AIHA-Carolinas.

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PDC/  
Conference  
Registration  
Registering  
for the PDC  
and confer-  
ence is easy  
and online at  
the Carolinas  
AIHA website

## Carolinas AIHA Spring Conference

March 26-28, 2014  
Raleigh, North Carolina

### Wednesday March 26th

#### *Professional Development Course*

12:00 PM PDC Registration  
1:00 –5:00 PM PDC: Nanotechnology  
Donna Heidel, CIH  
Senior Industrial Hygiene Manager  
Bureau Veritas

### Thursday March 27th

#### *Professional Development Course (cont'd)*

8:00 AM Continental Breakfast -PDC Area  
8:30 AM–12:00 PM Nanotechnology  
Donna Heidel, CIH  
Senior Industrial Hygiene Manager  
Bureau Veritas

12:00-1:00 PM Lunch (Top of the Tower  
Restaurant and Lounge, 20th Floor)

#### Conference Opening Session

1:00-1:15 PM **President's Welcome &**  
Business Meeting  
Ken Warren, CIH  
*S&ME, Inc.*  
1:15-2:15 PM Reaching for the "Tipping  
Point" in OEHS  
John Henshaw, MPH, CIH  
Cardno Chemrisk  
2:15-2:45 PM Masters Program in Safety  
at ECU  
Dr. Michael Behm, Ph.D., CSP  
Associate Professor – East Carolina  
University  
2:45-3:15 PM Break (Vendor Area)  
3:15-4:00 PM The Impact of Toxic Tort  
Litigation on the Field of Industrial  
Hygiene  
Dr. William L. Dyson, Ph.D.  
Workplace Group

### Thursday March 27th

#### *Conference Opening Session (cont'd)*

4:00 - 4:30 PM New Sampling Device for  
Isocyanates in Both Vapor and Particulate  
Phase  
Jamie Brown  
Sigma-Aldrich Company  
4:30 - 5:00 PM Contaminants of Concern  
Pat Curran, CIH  
PCIH Inc.  
5:30 - 7:00 PM **Past President's Reception**  
(Vendor Area)

### Friday March 28th

#### *Conference Closing Session*

8:00 AM Continental Breakfast (Vendor Area)  
8:30-9:15 AM Beware - 5 Essential  
Career Management Oversights and  
How to Fix Them  
Fred Freiburger CIH, CSP, CPEA  
Hazard Resolution Management, LLC  
9:15-10:15 AM OSHA Update  
Dottie Ison, Administrator  
SC OSHA  
10:15-10:45 AM Break and Vendor  
Presentations (Vendor Area)  
10:45-11:45 AM Industry Profile -  
Novozymes North America, Inc.  
Chad Stansbury, CSP  
Manager, Safety & Health and  
Jessica Paschal  
Product Safety and Regulatory Specialist  
11:45 AM-12:00 PM Closing Remarks  
Kevin Cosgrove  
Schaeffler Group USA, Inc.

# Carolinas Section—AIHA Spring 2014 PDC/Conference

March 26-28, 2014

Holiday Inn Raleigh Downtown Raleigh, NC  
(formerly Clarion Hotel State Capital)

## Registration Form

### Conference Registration

Member	\$215
Nonmember	\$235
Vendor	
Exhibit Space (each table)	\$320

### PDC Registration

Member	\$215
Nonmember	\$250

### Carolinas Section Annual Dues

Member: \$25      Students: \$10

### Method of Payment

Check     Visa     MasterCard  
 American Express

### Card Account Number

\_\_\_\_\_

Security Code-3 or 4 digits  
(on back of card) \_\_\_\_\_

### Expiration Date

\_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Company: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_ Zip: \_\_\_\_\_

Business Phone: \_\_\_\_\_

Business Fax: \_\_\_\_\_

Email: \_\_\_\_\_

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 37492  
Raleigh, NC 27627-7492

Fax: 919-852-4594  
Phone: 919-233-8400  
cbacon@mindspring.com

Amount enclosed: \_\_\_\_\_

Card Holder Signature

\_\_\_\_\_

Card Holder Name (Please Print)

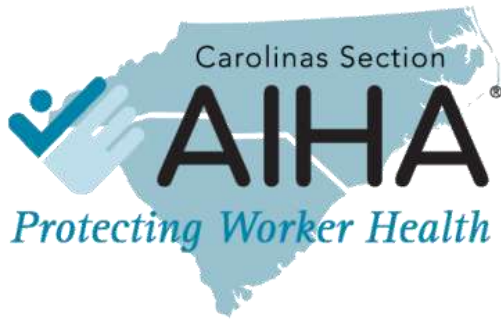
\_\_\_\_\_

Billing Address for Card

\_\_\_\_\_

\_\_\_\_\_

For online registration  
go to:  
[WWW.AIHA-CAROLINAS.ORG](http://WWW.AIHA-CAROLINAS.ORG)



Fall 2014  
September, 2014  
Make plans to be  
with us in  
Myrtle Beach, SC

## Save The Date

Opportunities-AIHA Discounts Available

- **March 13** for those of you in the Triangle area of NC, you may be interested in the joint ASSE/AIHA lunch meeting. The details and registration are available on the websites <http://nc-asse.org/> or <http://nc-asse.org/events/?ee=22>
- **April 30** a Wednesday workshop on HVAC for Industrial Hygienists to be held in Greensboro, NC.
- **May 5-9** the 57th NC Industrial Ventilation Course, Raleigh, NC. For more information and a complete brochure visit [www.ncindustrialventilation.com](http://www.ncindustrialventilation.com). If you are interested in attending, please contact Connie for a special AIHA Carolinas discount information.
- **September 24-26** the Fall PDC and Conference to be held on at the Embassy Suites, Kingston Plantation, Myrtle Beach, SC! See below Accommodations information.

Thanks and please contact me if you have any questions!  
Connie

Connie McElroy-Bacon  
Phone: 919.233.8400  
Fax: 919.852.4594

## Fall 2014 Conference Accommodations

The Embassy Suites at Kingston Plantation Myrtle Beach, South Carolina

9800 Queensway Blvd. Myrtle Beach, SC 29572

Phone number: 800-876-0010

Amenities and services information go to:

<http://www.kingstonplantation.com/accommodations/embassy-suites-myrtle-beach-oceanfront-resort/>



## News From the Home Office



### **Our take on the PDC/Conference Certification Maintenance Points**

The Nanotechnology PDC contains 7.5 hours of technical contact time and is eligible for ABIH CM credit. We estimate 1.25 CM points based on the technical content time and ABIH guidelines. The Spring 2014 Conference contains 6.0 hours of technical contact time and is eligible for ABIH CM credit. We estimate 1 CM point based on the technical content time and ABIH guidelines.

### Updates from AIHA National—February 2014

- Registration is now open for AIHce 2014 + Stewardship 2014 in San Antonio, TX. Join us in celebrating **AIHA's 75th anniversary**. To register visit [www.aihce2014.org](http://www.aihce2014.org).
- Local section Presidents-Elect will gather in Falls Church, VA for Leadership Workshop February 21-23 for training and networking.
- AIHA has published its continuing education calendar for 2014. Visit the AIHA website to learn more.
- The new and improved AIHA community sites are up and running. We hope that the new platform will be more user-friendly and helpful for our local sections.

### Government Affairs Updates

- The FY 2014 federal budget partially restored funding to OSHA, NIOSH, MSHA and EPA that was cut during the sequester.
- There is ongoing debate on the Hill over whether federal contractors should meet all health and safety regulations before receiving federal contracts.
- The top issue facing OSHA in 2014 is the new proposed silica rule. In addition, the agency is working on process safety management, an improved system for tracking workplace injury and illness, a new rule for beryllium, and new resources on safe patient handling.
- NIOSH is seeking comments (due February 13) on its draft carcinogen bulletin that updates the policy for classifying chemical carcinogens.
- NIOSH published in December the latest strategic plan for nanotechnology research. The first strategic plan on this issue was issued in 2005 and the latest plan will guide the Institute through 2016. NIOSH states that much has been learned since 2005 and there is more knowledge of the risks to workers.

## Announcements:

**The following individuals have been nominated for the following positions of the Carolinas Section:**

**Votes will be cast** at the conclusion of the Spring conference *Don't Miss it!*

- **Section Vice President (Spring 2014-Spring 2015)**  
**Rebecca Shultz**
- **Section Treasurer (Spring 2014-Spring 2016 )**  
**Gary Eargle**
- **South Carolina Director (Spring 2014-Spring 2016 )**  
**Keri Davidson** (*bio below*)

Keri Davidson  
Safety and Health Manager, Final Assembly and Delivery  
Boeing South Carolina

Keri Davidson is currently the Safety and Health Manager for Final Assembly and Delivery at Boeing South Carolina. Keri is responsible for implementing Boeing Safety and Health programs in Final Assembly and Delivery, as well as integrating these programs across the Boeing South Carolina site. She has been in this position since August of 2010.

Prior to this assignment, Keri was the Program Manager for Safety Now, an effort sponsored by the Boeing Executive Council to drive breakthrough workplace safety performance enterprise-wide, and was responsible for other activities, including representing EHS on the Boeing Enterprise Tool Services (BETS) PAT and serving as a process management leader for integration of enterprise-wide safety and health processes.

Keri was born in Madison, Wisconsin, and as the daughter of an Air Force officer, has lived all over the United States and the world. She holds a Bachelor of Science in Environmental Health Science from California State University, Fresno, and a **Master's of Public Health in Occupational Health and Safety Management** from Tulane University. Her certifications include Certified Industrial Hygienist (CIH) and Certified Safety Professional (CSP).

## Call for Student Presentations:

The Carolinas Section of the American Industrial Hygiene Association (Carolinas AIHA) supports students who are pursuing degrees related to industrial hygiene or safety.

The Carolinas AIHA will sponsor a student presentation at its Fall or Spring Conferences.

Students are encouraged to submit a summary of their presentation for evaluation. The presentation topic may be on a research project, internship project, or work-study program. Presentations will be evaluated by the Student Outreach Committee of the Carolinas AIHA.

All students attending a AIHA-Carolinas Conference are eligible for \$100 to offset their travel costs and to have their registration fee waived. In addition, the student presenter will receive an additional stipend of \$1,000.

To submit your presentation for evaluation, please contact Ken Warren at (843) 884-0005 or [kwarren@smeinc.com](mailto:kwarren@smeinc.com).



*Also see page 12 for the AIHce student sponsorship available*

## Treasury Report: *The Books are Closed*

As of January, 2014 the Treasurer reports Treasury value  
\$48,053



Stay Informed, Stay Connected  
Visit our Face Book page for  
AIHA-Carolinas Section  
<https://www.facebook.com/CarolinasAIHA>

## “Thank You”



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# Professional Development Course (PDC) Information

## Nanotechnology

The value of the safe synthesis of manufactured nanomaterials (MNM) and safe commercialization of nano-enabled products will be presented. An occupational health and safety management systems (OHSMS) framework integrates continual improvement goals into an organization's management system. Applying this approach to organizations handling MNM assures that worker health and safety is considered at each step in the supply chain and supports the ongoing re-assessment that is required as new information is developed about the hazards of nanomaterials and new applications for this technology are commercialized, resulting in sustainable health and safety performance. This course will provide an overview of the essential management system steps, including hazard identification and assessment, worker exposure assessment, laboratory analysis, interpretation of exposure monitoring results, and exposure control for each step in the supply chain. Recent successes in laboratory methods development and sample analysis will be featured. The following topics will be discussed in depth:

- Summary of recent nanotoxicology research, occupational exposure limits (OELs);
- Hazard classification and occupational exposure bands (OEBs) based on benchmark comparison to molecules with similar mode of action;
- Materials characterization and sampling and analytical methods;
- Workplace exposure assessment;
- Process containment and controls;
- Work practices and personal protective equipment;



Overview of the essential occupational health and safety (OHS) management system steps to support safe commercialization of MNM and nano-enable substances and products throughout the supply chain.

Donna Heidel, CIH

Donna S. Heidel is the Technical Director for Industrial Hygiene for Bureau Veritas North America where she leads the health and safety aspects of emerging technologies, specifically nanotechnology. Prior to Bureau Veritas, she coordinated the Prevention through Design program at the National Institute for Occupational Safety and Health, including the occupational health and safety management systems for safely synthesizing engineered nanoparticles and commercializing nano-enabled products.

Ms. Heidel also has experience in the pharmaceutical industry, including 15 years at Johnson & Johnson, as the World Wide Director of Industrial Hygiene. She is certified by the American Board of Industrial Hygiene (CIH), and is an AIHA fellow. She is the past chair of the AIHA Control Banding Working Group.



**Donna Heidel, CIH**  
 Senior Industrial Hygiene Manager  
**Bureau Veritas North America, Inc.**  
*Health, Safety, and Environmental Services*  
 110 Fieldcrest Avenue, Fourth Floor,  
 Edison, NJ 08837  
 direct 732.623.4531 cell: 732.510.3285  
 fax: 732.225.4577  
[donna.heidel@us.bureauveritas.com](mailto:donna.heidel@us.bureauveritas.com)  
[www.us.bureauveritas.com](http://www.us.bureauveritas.com)  
**ISO 9001:2008 Certified**





AIHA<sup>®</sup>

announced the recipients of the 2014 AIHA Awards, which honor professionals who make significant contributions to the industrial hygiene and occupational and environmental health and safety profession. The award recipients will be recognized Monday, June 2, during the Opening Session at AIHce 2014 in San Antonio, Texas.

This year's AIHA award recipients are:

- Philip R. Morey, PhD, MS, CIH – Edward J. Baier Technical Achievement Award
- Michael Harris, PhD, CIH – Donald E. Cummings Memorial Award
- Michael A. Jayjock, PhD, CIH – AIHA Distinguished Service Award
- Catherine (Cathy) A. Hovde, CIH – Kusnetz Award
- Denese A. Deeds, CIH – Alice Hamilton Award
- Karen Messing, PhD – Yant Award
- Occupational Knowledge International (OK International) – Social Responsibility Award

The recipient of the President's Award will be announced at the AIHA President's Reception on Wednesday, June 4.

To learn more about this year's award recipients, read AIHA's [press release](#).



## Industry Spotlight: NOVOZYMES NORTH AMERICA

### COMPANY PROFILE

Novozymes is the world leader in bioinnovation. Our business is industrial enzymes, microorganisms, and biopharmaceutical ingredients.

Enzymes are proteins, and in nature they initiate biochemical reactions in all living organisms. It is enzymes that convert the food in our stomachs to energy and turn the falling leaves in the forest to compost.

Novozymes finds enzymes in nature and optimize them for use in industry. In industry, enzymes replace chemicals and accelerate production processes. They help our customers make more from less, while saving energy and generating less waste.

Enzymes are widely used in laundry and dishwashing detergents where they remove stains and enable low-temperature washing and concentrated detergents.

Other enzymes improve the quality of bread, beer and wine, or increase the nutritional value of animal feed. Enzymes are also used in the production of biofuels where they turn starch or cellulose from biomass into sugars which can be fermented to ethanol.

These are just a few examples as we sell enzymes to more than 40 different industries.

Novozymes also supplies a range of microorganisms for use in industrial cleaning, wastewater treatment and agriculture, while our Biopharma business focuses on improving medical devices and medicines.

Novozymes is quoted on NASDAQ OMX Copenhagen (NZYM B).

Providing the presentation will be Mr. Chad Stansbury, CSP. He is the Safety & Health Services Manager at Novozymes North America located in Franklinton, NC. Prior to joining Novozymes, Chad was a Health Compliance Officer with NCDOL/OSHA. Chad is a 1995 graduate of West Virginia University and holds a M.S. in Occupational Hygiene and Occupational Safety. Along with Chad will be Jessica Paschal. Jessica is a Product Safety and Regulatory Affairs Specialist at Novozymes North America, Franklinton, NC. She has over 7 years of experience in providing enzyme safety support to Novozymes customers throughout North America in a variety of industries. Jessica holds a Bachelor's degree from East Carolina University.





## AIHce 2014 Student Sponsorship

AIHA® is committed to inspiring the next generation of students to become industrial hygienists. As the association celebrates 75 years of protecting worker health and serving the industrial hygiene community, AIHA will sponsor at least five students to attend the [American Industrial Hygiene Conference & Exposition \(AIHce\) 2014](#), the premier event for IH and OEHS professionals.

### AIHce 2014 Student Sponsorship Description

Five sponsorships will be awarded to qualified students and will cover:

- Conference registration fees
- Hotel accommodations during the conference
- Round-trip airfare

Only completed applications will be accepted and reviewed

Deadline to apply is April 1, 2014

Accepted applicants will be notified by April 30, 2014

### Eligibility Requirements for Applicants

- Must be an AIHA Student Member
- Must not be an AIHA employee or relative of an AIHA employee

### Application Requirements

- Submit all application materials to [tl@aiha.org](mailto:tl@aiha.org).
- Submit at least one letter of recommendation from a current professor, an AIHA member or employer. Recommendation must be on formal letterhead of sender.
- A 250 word essay addressing your motivation for attending AIHce, the ways in which your attendance will benefit you and the community, and how attending the conference will help you achieve your career goals.

### AIHA Contact Information

[Thursa L. Pecoraro](#), Program Manager, Professional Community

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