

April 2013



Philadelphia Section AIHA Newsletter

April 2013 Half-Day Professional Development Course “Nanotechnology: Sweat The Small Stuff!”

The occupational health risks associated with nanoparticle exposure is a hot topic in industrial hygiene today. Employees who work with nanomaterials in research or production processes may be exposed to nanoparticles through inhalation, dermal contact or ingestion.

Although the potential health effects of such exposures are not fully understood at this time, there is no doubt that nanoparticle exposure, in the nanotechnology and other industries, is an emerging issue for industrial hygienists today.

Please plan on joining us for our April meeting, a half-day Professional Development Course exploring the new world of nanotechnology. The PDC will be held at the West Chester University Business Technology Center in West Chester, PA on Thursday, April 25th.

Presentations in this PDC will address nanoparticles; the ethical considerations involved in protecting nanotechnology workers; and safe nanotechnology manufacturing. A portion of this PDC will count toward ABIH ethics requirements (this presentation will not meet all of the 5-year cycle requirements).

We hope that you will be able to join us for this meeting, addressing an area of the profession to which we all may become exposed, one way or another.

This PDC is co-sponsored by the West Chester University Environmental Health Program.

Philadelphia Section AIHA

April 2013 Half-Day Professional Development Course “Nanotechnology: Sweat the Small Stuff!”

Thursday, April 25th, 2013

West Chester University Business Technology Center
1160 McDermott Drive West Chester, PA

Agenda

- 8:00 AM: Registration/Networking Opportunity
- 8:30 AM: Introductions/Announcements
- 8:40 AM: “Nanoparticles” - Ed Cahill (EMSL Analytical)
- 9:40 AM: Break/Networking Opportunity
- 9:50 AM: “Protecting Nanotechnology Workers: Ethical Considerations for Industrial Hygienists” - Bruce Lippy (The Lippy Group LLC.)
- 10:30 AM: Break/Networking Opportunity
- 10:40 AM: “Management System Approach for the Safe Synthesis of Nanoparticles and Commercialization of Nano Products”:
Donna S. Heidel (Bureau Veritas North America)
- 11:40 AM: Question and Answer Session With The Speakers
- 12:00 PM: Lunch

Cost*: Local Section Members: \$60

Non-Members: \$80 (includes 1 year Local Section membership)

*- to take advantage of the discounted local section member rate, you must be a current dues-paying member of the Local Section at the time of pre-registration.

Payment for this meeting **MUST** be made at the door on the day of the event. No advance payments will be accepted. Payment must be made via cash or check **ONLY**, payable to “Philadelphia Section AIHA” (no credit cards or PO’s will be accepted, and we cannot invoice for the meeting).

To pre-register, please send an email with your name and company affiliation to register@philaaiha.com before Noon on **Friday, April 19th**. We expect this course to fill quickly, so early pre-registration is strongly recommended.

ABIH CM Points: This presentation may be eligible for ABIH CM credit.
Please see the ABIH web site (www.abih.org) for CM credit criteria.



West Chester University Business Technology Center

1160 McDermott Drive
West Chester, PA 19380
610-436-3337

For more information, visit www.btcwcu.org/directions

From the South (I-95):

- Follow I-95 North to the Route 202, West Chester exit
- Follow 202 North through Delaware into Pennsylvania towards West Chester
- Just before West Chester, bear right onto 202 North (Holiday Inn on right)
- Follow 202 North to Boot Rd exit, turn right
- Turn right at first light onto Greenhill Rd
- Turn left at second light onto McDermott Drive; go past green West Chester University sign on your right
- Turn right into parking lot, #1160 is on your right.

From the North (I-95):

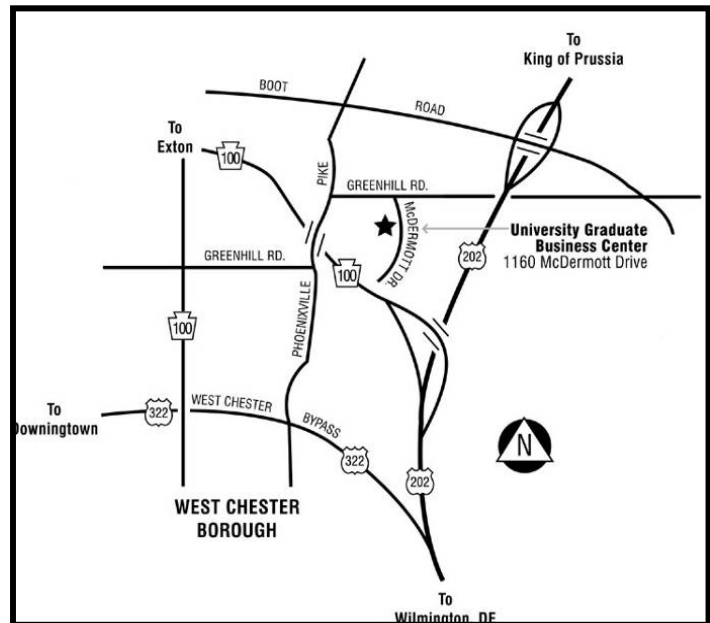
- Follow I-95 South past Phila International Airport to 322 West exit (West Chester)
- Take Route 322 West to Route 1, turn left at light
- Follow Route 1 to 202 North; make right at light
- Continue straight on 202 North until just before West Chester
- Bear right onto ramp for 202 North (Holiday Inn on right); Route 202 N becomes a limited access highway
- Follow to Boot Rd exit, make right at top of ramp
- Turn right at first light on Greenhill Rd
- Turn left at second light onto McDermott Drive and go past green West Chester University sign on your right
- Turn right into parking lot, #1160 is on your right.

From the South (Route 202):

- Follow 202 North to Boot Rd exit, turn Right at top of ramp
- Follow to first light, Greenhill Rd, make Right
- Make left at second light onto McDermott Drive; go past green West Chester University sign on your right
- Turn right into parking lot, #1160 is on your right.

From the North (Route 202):

- Follow 202 South to Boot Rd exit; turn left at the top of the exit ramp
- Cross over 202 and turn right at light onto Greenhill Road
- Make left at second light onto McDermott Drive; go past green West Chester University sign on your right
- Turn right into parking lot, #1160 is on your right.



Speakers

Ed Cahill: EMSL Analytical

Ed Cahill is the Vice President of EMSL Analytical's Asbestos Division. He has over 30 years of experience in Electron Microscopy and over 25 years in the Environmental Asbestos Industry. He started his career at the Children's Hospital of Philadelphia running the Surgical Pathology Department's TEM lab. He has been with EMSL for 18 years starting as lab manager of their NY City Branch lab. Ed is a McCrone graduate, a member of EIA, ASTM's D22 committee on asbestos and E56 committee on Nanotechnology. He is a past board member of AIHA's AAR Program and Technical Advisory Panel in their Industrial Hygiene Program. He is a current member of AIHA's Nanotechnology workgroup and is authoring an ASTM method for analysis of Nanoparticles by TEM.

Bruce E. Lippy: The Lippy Group, LLC

Bruce Lippy has a Ph.D. in policy with an emphasis on regulatory economics from the University of Maryland. He currently serves on the AIHA ethics committee and the AIHA Nanotechnology Working Group. He is a Certified Industrial Hygienist and Certified Safety Professional. He is the Director of Safety Research for CPWR, The Center for Construction Research and Training. In 2011, Dr. Lippy and co-author Dr. Kristen Kulinowski, wrote the first national guidance on training workers about the risks of nanotechnology, which was published by NIEHS. With OSHA funding, Drs. Kulinowski and Lippy developed an 8-hour course called, "Introduction to Nanomaterials and Occupational Health" that is currently available on the Good Nano Guide. Modules from the course have been downloaded over 20,000 times. Dr. Lippy has presented webinars on nanotechnology with Dr. Charles Geraci of NIOSH and Dr. Andrew Maynard from the University of Michigan. Dr. Lippy's professional interest in nanotechnology is how best to communicate hazard information to workers about an emerging technology for which there is at best incomplete toxicological and environmental impact data.

Donna S. Heidel: Bureau Veritas North America

Donna S. Heidel is the Senior IH Manager for Bureau Veritas North America where she leads the health and safety aspects of emerging technologies, specifically nanotechnology. Prior to her employment with 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 currently chairs the AIHA Control Banding Working Group. She is a past president of the Delaware Valley (now Philadelphia) Section AIHA (1994 - 95).

Philadelphia Section AIHA Elections: 2013-2014

A slate of candidates has been put forward for the Philadelphia Section AIHA for 2013-2014. Candidates are:

- President-Elect: Larry Johnson
- Treasurer: Dennis Mueller
- Director (2 open positions): Chrys Komis, Laurence Smith and Maureen Malachowski

Elections will take place in April, via an on-line ballot. A link to the ballot will be sent to all dues-paying Philadelphia Section AIHA members. When you receive your voting email, please take a minute to vote to help choose the leadership of your Local Section.



Congratulations to **Larry Johnson**, who has been named an AIHA Fellow. The Fellow designation was established to recognize members who have been Full members in good standing for a minimum of 15 continuous years and have made recognized contributions to industrial hygiene or related disciplines, either through research, leadership, publications, education, or service to AIHA. Larry will receive this honor at AIHce in Montreal in May. We congratulate him on this honor, and thank him for his continuing service to AIHA and to the Philadelphia Section.



Philadelphia Section AIHA on Facebook



You can now follow the Philadelphia Section AIHA on Facebook! Search for "Philadelphia Section AIHA", and click the "Like" button to receive Facebook updates on meetings, employment and other Local Section information.

Delaware Section AIHA: April Meeting

The Delaware Section AIHA will be holding its April meeting in Wilmington, DE. The subject of the meeting will be "Legal Considerations for the Industrial Hygienist: An Attorney's Perspective". For additional information on the date and location, please visit the DE-AIHA web site at www.aiha.org/localsections/html/delaware/delaware.htm.

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