

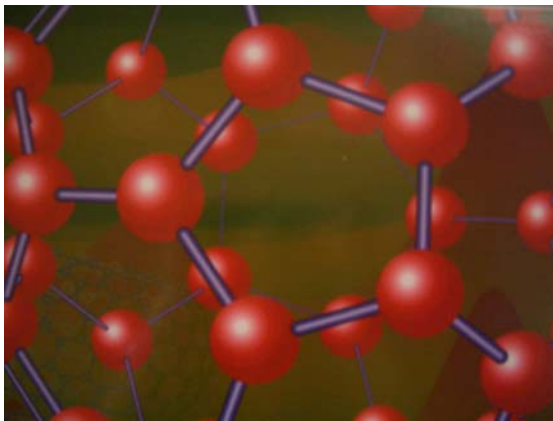
April, 2008



Philadelphia Section AIHA Local Section News



April 2008 Half-Day Professional Development Course: Tuesday, April 15th “Nanotechnology Update”



The details of the subject of nanotechnology are much discussed, but seem to be little known, among EH&S professional these days. The April 15th meeting of the Philadelphia Section AIHA will seek to help local EH&S professionals to better understand this topic, and the implications which it may have on our profession and our workplaces.

We are pleased to have two well-known experts in the area of nanotechnology to give presentations on the current state of the knowledge and understanding of this emerging topic: Dr. Andrew D. Maynard, the Chief Science Advisor to the Project on Emerging Nanotechnologies in Washington, DC, and Dr. David B. Warheit of DuPont.

The meeting will also include a demonstration of monitoring equipment from TSI, specifically geared to the investigation of nanoparticles.

This PDC will take place at the Embassy Suites Hotel near the Philadelphia Airport, and will include a continental breakfast and a sit-down lunch for all attendees.

We expect the limited number of seats available for this meeting to fill up quickly, so early pre-registration is strongly recommended.

MEETING AGENDA: TUESDAY, APRIL 15TH, 2008

- | | |
|---------------------|--|
| 8:30 AM - 9:15 AM | Registration/Networking/Continental Breakfast |
| 9:15 AM - 9:30 AM | Introductions |
| 9:30 AM - 10:45 AM | <i>"Nanotechnology and Nanoparticles – Industrial Hygiene and Policy Implications"</i>
Dr. Andrew D. Maynard (Project on Emerging Nanotechnologies) |
| 10:45 AM - 11:00 AM | Break/Networking and Q&A Opportunity |
| 11:00 AM - 12:00 PM | <i>"Nanoparticle Toxicology"</i>
Dr. David B. Warheit (DuPont) |
| 12:00 PM – 12:30 AM | Nanoparticle Monitoring Equipment Demonstration
TSI, Incorporated |
| 12:30 PM | Lunch |

ABIH CM points have been applied for.

The cost of this meeting is \$85.00, to be paid by check or by cash (sorry- credit cards/PO's and vouchers cannot be accepted).

Payment is required on the day of the meeting.

Checks should be made payable to "Philadelphia Section AIHA".

Deadline for pre-registration is the end of the day on Wednesday, April 9th, 2008.

Pre-registration for this meeting is **MANDATORY**. Registration will be cut off, without notice, when the number of seats available are filled.

In order to ensure a space at this meeting, **EARLY** pre-registration is strongly recommended.

To pre-register:

Please send an email to register@philaaiha.com, with your name and company affiliation.

“Nanotechnology and Nanoparticles – Industrial Hygiene and Policy Implications”: Dr. Andrew D. Maynard (Project on Emerging Nanotechnologies)

In this presentation, Dr. Maynard will describe the characteristics, applications and advances of nanotechnology. He will show the role that industrial hygienists can serve in minimizing potential risks to workers, communities and consumers.

Dr. Maynard will present the challenges faced by occupational and environmental health professionals as society takes advantage of the benefits of this new technology while trying to assure that we do not harm people and the environment.

Dr. Andrew Maynard is the Chief Science Advisor to the Project on Emerging Nanotechnologies, an initiative dedicated to helping business, government and the public anticipate and manage possible health and environmental implications of nanotechnology.

His research interest in nanomaterials started in the late 1980s while working on his doctorate in ultrafine aerosol analysis at the University of Cambridge in the UK. Through his work with the UK Health and Safety Executive, the US National Institute for Occupational Safety and Health (NIOSH) and the US National Nanotechnology Initiative (NNI), he has led current science-based efforts to understand and manage the potential risks of nanotechnology. Dr. Maynard was previously co-

chair of the Nanotechnology Health and Environment Implications (NEHI) working group of the Nanomaterial Science, Engineering and Technology (NSET) subcommittee of the US National Science and Technology Council. He is currently is a member of the Executive Committee of the International Council on Nanotechnology (ICON) and participates in the President’s Council of Advisors on Science and Technology’s (PCAST) Nanotechnology Technical Advisory Group.

As a result of his expertise, Dr. Maynard testifies on nanotechnology policy before the US Congress. He publishes extensively in the scientific literature and is a well-known international speaker and commentator on nanotechnology, and frequently appears in print and on radio and television.



“Nanoparticle Toxicity”: Dr. David B. Warheit (DuPont)

In his presentation, Dr. Warheit will discuss inhalation toxicology studies involving nanoparticles, and update us on current research and the limitations of this research.

He will describe the implications of particle overload in the lung, and the species differences related to particle toxicology.

Dr. Warheit will also provide an update on current epidemiological studies, and the challenges of relating toxicological findings to potential human risk.

Dr. David B. Warheit graduated from the University of Michigan in Ann Arbor with a BA in Psychology. He received his Ph.D. in Physiology from Wayne State University School of Medicine in Detroit. Subsequently, he was awarded an NIH Postdoctoral Fellowship, and two years later, a Parker Francis Pulmonary Fellowship, both of which he took to NIEHS to study mechanisms of asbestos-related lung disease with Arnold Brody.

In 1984, he moved to DuPont Haskell Laboratory to develop a pulmonary toxicology research laboratory. His major research interests are pulmonary toxicological mechanisms and corresponding risk related to inhaled particulates, fibers and nanomaterials.

He is the author/co-author of over 100 publications, and has been the recipient of the ILSI Kenneth Morgareidge Award (1993 - Hannover, Germany) for contributions in Toxicology by a Young Investigator, and the Robert A. Scala Award and Lectureship in Toxicology (2000). He has also attained Diplomat status of the Academy of Toxicological Sciences (2000) and the American Board of Toxicology (1988). He has served and currently serves on NIH review committees (NIH SBIR, NIH Bioengineering) and has participated on working groups at IARC, ECETOC, OECD, ILSI RSI and ILSI-HESI and the National Academy of Sciences, as well as several journal editorial boards. (including current Associate Editor- Inhalation Toxicology and Toxicological Sciences), Particle and Fibre Toxicology and Nano Letters.

Currently he is the chairman of the ECETOC (European Centre for Ecotoxicology and Toxicology of Chemicals) Task force on “Health and Environmental Safety of Nanomaterials”, and serves on the NIOSH Board of Scientific Counselors and National Toxicology Program - Nano Working Group.





Embassy Suites Philadelphia - Airport

9000 Bartram Avenue
Philadelphia, PA 19153
215-365-4500

DIRECTIONS:

Travelling south on Interstate 95: Exit 12B, Philadelphia International Airport-Lester/Cargo City. Turn right at traffic light. The hotel is immediately on the right.

Travelling north on Interstate 95: Exit 10 Bartram Avenue, Rt. 291 East. Continue to first traffic light. Turn left. Hotel is one mile on the right.

From Philadelphia International Airport: Follow signs for airport exit. Stay to the left. Follow Route 291 West to the second traffic light. Turn right. The Hotel is approximately one mile on the right hand side.



PARKING/TRANSPORTATION:

Parking at the Embassy Suites Hotel is free.

As a "green" option, the hotel operates a free shuttle from the Philadelphia International Airport. Use of this shuttle service is available to any meeting attendees who wish to use public transportation from Center City or other areas to the airport.



Congratulations!



The Philadelphia Section AIHA extends its congratulations to **TWO** Local Section members, **Janet Perper** and **Colin Brigham**, who have been designated "**AIHA Fellows**".

Fellows of AIHA are individuals who have been Full members in good standing 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. The Fellow classification is limited to no more than five percent of the membership.

Janet and Colin will be recognized for this honor at the 2008 AIHCE. The Philadelphia Section AIHA will also recognize their achievements during a future Local Section meeting.



Philadelphia Chapter ASSE Annual Golf Outing



The Philadelphia Chapter ASSE will be holding its annual golf outing for local EH&S professionals on Wednesday, May 14th at the Scotland Run Golf Club in Williamstown, NJ.

Golfers will participate in a "shotgun" start of 18 holes of golf, with prizes for longest drive, hole in one, closest to the pin, etc.

The event will also include activities for non-golfers, such as a putting contest, a silent auction, and many opportunities for networking.

Breakfast and lunch are included.

Numerous sponsorship opportunities are also available.

For additional information, please send an email to golf@philaasse.org, or visit the Philadelphia Chapter ASSE web site at www.philaasse.org.



2008-2009 Local Section Elections



The Philadelphia Section AIHA is still looking for members to serve as officers or directors for the 2008-2009 term.

If you are interested in volunteering some of your free time to assist in planning the educational programs for your Local Section, please speak to one of the Section officers, or send an email to mail@philaaiha.com.

Elections for officers will take place, via on-line voting, within the next few weeks. Please check your email, or the Philadelphia Section AIHA web site (www.philaaiha.com), for further information.



Job Postings

The following job postings are currently listed on the Philadelphia Section AIHA web site:

- **Industrial Hygienist: Christiana Care Health System**
- **Manager Health & Safety Compliance: Draeger Medical (Telford, PA)**

New positions are being posted all the time. Be sure to check the [Philadelphia Section AIHA web site](#) for additional information.



The American Industrial Hygiene Association (AIHA) is "the essential source" for information on Occupational and Environmental Health and Safety issues.

Founded in 1939, AIHA is an organization of more than 12,000 professional members dedicated to the anticipation, recognition, evaluation, and control of environmental factors arising in or from the workplace that may result in injury, illness, impairment, or affect the well-being of workers and members of the community.

Established in 1947, the Philadelphia Section AIHA serves the area's health and safety professionals, providing a forum in which to learn and exchange ideas.



Philadelphia Section AIHA

PO Box 126

Royersford, PA 19468

mail@philaaaiha.com