# 2009 Northeast Regional Industrial Hygiene Conference and Exposition



# The Business of EHS: A New Team Dynamic

Friday, December 4th, 2009 Hyatt Regency Hotel New Brunswick, NJ

Presented by the Philadelphia Section AIHA

Co-Sponsored by the New Jersey and Metro New York Sections AIHA

## **Conference Agenda**

7:30 AM	Registration/Networking/Meet The Vendors/Continental Breakfast
8:00 AM	Opening Remarks/Acknowledgements Elizabeth Vanek, CIH President, Philadelphia Section AIHA
8:10 AM	<i>"Staying Safe While Making Money"</i> Maureen Modica, CIH, CSP United States Mint
9:10 AM	"Building EHS Value In Your Organization" Chris Ulriksen, CSP, MS EORM, Inc.
10:00 AM	Break/Meet The Vendors/Networking Opportunity
10:30 AM	"Conducting A Cost-Benefit Analysis for EHS" Brent Altemose, CIH, CSP SABRE Health and Safety
11:30 AM	Break/Meet The Vendors/Networking Opportunity
12:00 Noon	Buffet Lunch/Luncheon Presentation: "The Washington Buzz" Aaron Trippler American Industrial Hygiene Association
1:00 PM	Break/Meet The Vendors/Networking Opportunity
1:10 PM	"Impact Of The Global Supply Chain On EHS" Frank Renshaw, PhD, CIH, CSP EHS Consultant
1:50 PM	"Perspective On EHS Business Integration" Karen Klimas Merck & Co.
2:50 PM	Break/Meet The Vendors/Networking Opportunity
3:20 PM	"Case Study: EHS Return On Investment"  Dave Eherts, PhD  Sikorsky Aircraft
4:20 PM	Door Prize Drawings/Adjournment

## Directions to the Hyatt Regency New Brunswick

Two Albany Street New Brunswick, NJ 08901 (732) 873-1234

#### From Route 1 North/South

Take Route 18 North 3 miles to Route 27 South. Travel 2 blocks to Nielson Street. Turn left. Hotel is on the left.

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#### From the North

Take the New Jersey Turnpike South to Exit 9. Proceed on Route 18 North 3 miles to Route 27 South. Travel 2 blocks to Nielson Street and turn left. Hotel is on the left.

#### From the West

Take the Pennsylvania Turnpike East to the NJ Turnpike North to Exit 9. Proceed on Route 18 North 3 miles to Route 27 South. Travel 2 blocks to Nielson Street. Turn left. Hotel is on the left.

#### From the South

Take the New Jersey Turnpike North to Exit 9. Proceed on Route 18 North 3 miles to Route 27 South. Travel 2 blocks to Nielson Street and turn left. Hotel is on the left.

#### Public Transportation

The hotel is two blocks from the New Brunswick AMTRAK and New Jersey Transit station.

Parking: Hotel parking is available for \$6 for the day (no conference discount is available)

**Refund Policy**: Conference fees will be refunded if requested, via e-mail to <a href="refund@philaaiha.com">refund@philaaiha.com</a>, on or before Friday, November 27th, 2009. No refunds of conference fees can be made if requested after this date. Please allow several weeks after the conference for refunds to be issued.

Inclement Weather Policy: The Philadelphia Section AIHA will endeavor to present this conference as planned, and to have all scheduled speakers attend, despite weather conditions. Refunds will only be made if the event is cancelled (a notice will be posted on the <a href="Philadelphia Section AIHA web site">Philadelphia Section AIHA web site</a> by 12:01 AM on Friday, December 4th if the conference is cancelled).

#### **Professional Development Courses**

The New Jersey Section AIHA will be presenting several Professional Development Courses (PDCs) on Thursday, December 3rd. For additional information, please visit the NJAIHA web page at <a href="https://www.njaiha.org">www.njaiha.org</a>.

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Staying Safe While Making Money
Maureen Modica, CIH, CSP: Safety & Occupational Health Manager
United States Mint

The United States Mint was established in 1792 in Philadelphia, which was then the nation's capital. It was the first federal building erected under the Constitution, and one of the few federal agencies that can trace its proud heritage to our nation's founding fathers. President George Washington, Secretary of State Thomas Jefferson and Mint Di-

rector David Rittenhouse lived only a short distance from the Mint, and visited often. Legend states that First Lady Martha Washington donated some of the Washington family silverware to strike the first original silver coins.

Not only does the Philadelphia Mint have a "rich" national and regional history, it also has a rich safety history. From its humble beginnings on 7th and Arch Streets as "Ye Olde Mint" to its current location on Independence Mall which occupies an entire city block, the Philadelphia Mint has transformed from a heavy industrial site with inherent hazards and high injury rates to its current standing as a VPP Star site. However, this was no easy achievement. In 2001, OSHA conducted a wall-to-wall inspection that ultimately resulted in 183 serious citations and 1 willful violation. The Mint Director at that time made an unprecedented decision to cease coin production for 7 weeks to address these safety issues.

This presentation will give a brief overview of the safety history of the Philadelphia Mint and the current safety and health challenges posed in creating the nation's circulating coins, numismatic coins (collector's proof and uncirculated coins) and special medals. To demonstrate the Mint's commitment to safety, an effort is currently underway to eliminate the use of hexavalent chromium in the chrome plating operation by moving to a Physical Vapor Deposition (PVD) process. In fiscal year 2010, the Philadelphia Mint plans to begin using the PVD process and replace the chrome plating operation that is currently used to chrome plate up to 200 dies per day. This presentation will explore the benefits and challenges of the PVD process in greater detail.

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<u>Maureen Modica, CIH, CSP</u> is the Safety & Occupational Health Manager at the United States Mint in Philadelphia. Maureen has over 25 years experience in occupational safety, health and environmental management. Prior to joining the Mint, she worked as an independent consultant. She also worked in private industry (Wyeth Pharmaceuticals and Mobil Oil), the public sector (Rutgers University and the University of Medicine and Dentistry of NJ) and environmental consulting (ATC Associates).

Maureen is a former President of the Penn-Jersey Chapter of ASSE and a former Director of Philadelphia AIHA. She holds a Bachelors Degree in Environmental Science from St. Michael's College and a Masters Degree in Occupational Safety and Health from Temple University. She is a Certified Industrial Hygienist (CIH) and a Certified Safety Professional (CSP).

Sponsorship opportunities for the Northeast Regional Industrial Hygiene Conference and Exposition are still available at various levels; we are also looking for door prize donors. If you are interested, please send an e-mail

to sponsor@philaaiha.com



Building EHS Value in Your Organization Chris Ulriksen, CSP, MS: Principal Consultant EORM, Inc.

Can EHS create business value if we don't clearly understand the basic business value structure of our organization? This presentation will develop an understanding of what "value" is to a business and how it can be conveyed to an organization/business. We will discuss strategies to:

- Demonstrate the link between what we do and key aspects of the business
- Compete for resources with other parts of the business
- Communicate with other parts of the business in business terms
- Know how to create EHS Value through Strategic Planning

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Chris Ulriksen, CSP, MS is a Certified Safety Professional with over 10 years of industry experience in the in the Mid-Atlantic and New England areas. He has been involved with the implementation of OSHA Voluntary Protection Plan (VPP) and ANSI Z10. Mr. Ulriksen is currently a Principal EHS Consultant with Environmental and Occupational Risk Management, Inc. (EORM®). His expertise ranges from the development of cost-effective training and OSHA compliance programs to performance-based program management and efficient program improvement. Mr. Ulriksen is a member of the AIHA, NSC and ASSE.



Conducting a Cost/Benefit Analysis

Brent Altemose, CIH, CSP: Principal Consultant
SABRE Health & Safety

The objectives of this presentation are to understand the factors that contribute to the costs and financial benefits of safety programs; demonstrate how to compare the costs and benefits of alternatives; and estimate the return-on-investment (ROI) and breakeven point for a safety initiative.

The costs of safety programs, including development costs, implementation costs, and other life cycle costs are discussed, as well as how to collect data on and make accurate estimates of these costs. Benefits of safety programs are considered, including tangible benefits, such as reduced workers' compensation costs, and intangible benefits such as increased productivity or improved organizational reputation. Finally, this presentation describes how to calculate and interpret various ways to express costs and benefits, including Return-on-Investment (ROI), the Break-Even Point, and Net Present Worth.

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Brent Altemose, CIH, CSP is a principal consultant at SABRE Health & Safety. He holds a BS in Mechanical Engineering from Penn State, an MS in Industrial Hygiene from the University of North Carolina, and is a PhD candidate in Occupational & Environmental Health at UMDNJ in New Jersey. Brent has 13 years experience and is both a Certified Industrial Hygienist and a Certified Safety Professional. His experience with cost/benefit analysis began at Colorado Springs Utilities, where his analysis of their safety training program led to changes that saved \$50,000 per year. More recently, he authored a chapter on cost/benefit analysis of safety and health training for ASSE's Safety Professional's Handbook, published in 2008.



The Washington Buzz

Aaron K. Trippler: Director of Governmental Affairs

American Industrial Hygiene Association

Want to know what's happening in Washington with occupational safety and health? Is the new Administration addressing OH&S issues? What about Congress? What about OSHA itself? Are State OSHA plans becoming more important than federal OSHA?

Learn this and more from an insider's perspective. The latest happenings with the real story - not the fluff!

This presentation will include a look at:

- OH&S outlook in the Administration and Congress
- Increased activity at OSHA
- Various "hot" issues being debated in the States
- What's next? What issues will be on the horizon?

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<u>Aaron K. Trippler</u> is Director of Government Affairs for the American Industrial Hygiene Association (AIHA). Mr. Trippler directs government affairs for more than 70 local sections and is chief liaison with Congress and federal agencies. He has served in this capacity since 1992, when he developed the AIHA government affairs program.

In directing federal affairs, Aaron is responsible for following all federal legislation and regulations, as well as drafting AIHA Congressional testimony and working with numerous federal agencies on the public policy issues of AIHA.

Aaron also directs state government affairs for AIHA, annually reviewing nearly 3,500 pieces of state legislation and regulations affecting the profession of industrial hygiene and testifying when needed.

Aaron has 30 years experience in federal and state government affairs and has developed government affairs programs for three national associations. He holds a BS degree in Business Administration.



## **Conference Fee Payment Options**

Your registration fee for the Northeast Regional Industrial Hygiene Conference and Exposition can be paid via check or by credit card, us-

ing the PayPal credit card acceptance program. You DO NOT need to have a PayPal account to pay via credit card.

To pay via credit card, please visit the following web site:

#### www.philaaiha.com/confpay.htm

and follow the instructions. Please provide all requested information (this information is only used to verify your credit card, and is not shared with the Philadelphia Section AIHA).

Credit card payment will only be available until 5 PM on <u>Tuesday</u>, <u>December 1st</u> – credit cards will <u>not</u> be accepted after that date, <u>and will not be accepted for walk-in registration</u>.



Karen I. Klimas: Vice President of Global Safety & Environment Merck & Co.

Building a sustainable, global EHS program requires integration with business objectives. When employee safety and health is a core business requirement, and EHS programs are clear, lean and consistently implemented, compliance becomes a competitive

advantage. This presentation will describe the process of delivering a successful EHS management system.

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<u>Karen I. Klimas</u> has served as the Vice President of Global Safety & Environment for Merck & Co., Inc. since 2007. In this capacity, she is responsible for all aspects of occupational safety, environmental protection and management for the approximately 60,000 Merck employees engaged in research, development, manufacturing and packaging of medicines and vaccines at 49 operating locations in 26 countries and sales and distribution globally. Ms. Klimas is also a member of Merck's Corporate Responsibility Council.

Prior to joining Merck, Ms. Klimas held environment, health and safety positions of increasing responsibility at General Electric over a 20 year period, most recently as the Global Environment, Health and Safety Leader for the GE Healthcare business. In addition to significant experience developing and managing environment, health and safety programs, compliance and remediation globally, Ms. Klimas also has extensive experience in due diligence and integration.

Ms. Klimas holds a Bachelor of Science in Chemical Engineering from the University of Illinois and earned an MBA from the Wharton School of Business at the University of Pennsylvania.



Impact of the Global Supply Chain On Industrial Hygiene and EHS Frank Renshaw, PhD, CIH, CSP EHS Consultant

The geographic shift in manufacturing and other aspects of the global supply chain have impacted industrial hygiene and the related EHS disciplines in many ways. Hiring, training, and retaining qualified professionals close to supply chain operations are great challenges. Finding and qualifying suppliers of materials and services which support the supply chain is

difficult and risk-prone. Building and operating facilities on an international scale challenges EHS and sustainability standards and practices. Upholding these standards, while at the same time adapting to regional and cultural differences, are key success factors in delivering industrial hygiene, EHS and sustainability on a global basis.

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Frank Renshaw, PhD, CIH, CSP currently serves as a private EHS Consultant after 35 years with Dow Advanced Materials (formerly the Rohm and Haas Company). He held various positions at Rohm and Haas including EHS Director for the Specialty Materials Business Group; Corporate Safety Director; and Corporate Industrial Hygiene Director. He is a Past President of the American Industrial Hygiene Association and has served as President, President-Elect, Vice-President and Treasurer of the AIHA, President of the Academy of Industrial Hygiene, and President of the American Industrial Hygiene Foundation. He has also served as Treasurer and Board member of the American Board of Industrial Hygiene, as a member of the NIOSH Board of Scientific Counselors, and currently serves on the Manufacturing Sector Council for NIOSH's National Occupational Research Agenda.



Case Study: EHS Return On Investment
Dave Eherts, Ph.D.: Vice-President/Chief Safety Officer
Sikorsky Aircraft

For too long now, IH and Safety has been seen simply as "Overhead Cost". Though we often talk about the "Value of Health and Safety", EHS professionals traditionally do not have the skill to demonstrate this value in terms that Management can understand (Return-on-Investment, Discounted Payback Period, Net Present Value...). In the past, we often got by

with the intuitive argument that we brought value based on lower workers' comp costs and avoided lost time. It's about time we proved it. Dr. Eherts will present a tool that does just this, and demonstrate the process with a number of compelling actual cases. One case was used by AIHA as an example in the "Value of the Profession" section of the AIHA web site. This presentation will also include a video of what to expect from your leadership after you do this.

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<u>Dave Eherts, PhD</u> joined Sikorsky as Vice President and Chief Safety Officer in 2006. He's currently responsible for three departments: Environment, Health and Safety; Medical; and Aviation and Product Safety which are all currently ACE Gold Sites.

He came to Sikorsky with over 25 years of experience in the fields of EHS and Product Safety. Dr. Eherts began his career in 1981 as a toxicologist in the Pre-Clinical Drug Safety Assessment department at Merck Pharmaceuticals. He moved to EHS and became their Global Occupational and Environmental Toxicologist in 1990. He left Merck to join Rhone-Poulenc (which eventually merged to become sanofi-aventis) in 1992 as Site Director of EHS for a 2000-person R&D site, Global Head of EHS for R&D and Worldwide Director of Occupational Health and IH (all at the same time), then rose to the position of Global Director of Industrial Hygiene, Environment and Product Stewardship at their US headquarters in New Jersey. Before coming to Sikorsky, he and his family moved to Connecticut in 2003, where he joined Purdue Pharma as the Executive Director of EHS at their corporate headquarters in Stamford.

Besides working for a living, Dave is also the head of the Return-on-Safety-Investment Taskforce at ORC, a frequent presenter at AIHce, NIOSH Prevention Through Design conferences, Occupational Toxicology Roundtables and more recently, Aviation Safety conferences. He's brought his expertise and education in statistics and epidemiology to understand and solve many diverse safety issues (from pharmaceutical adverse effects reporting to surgery suite "crew resource management" to EHS and aviation safety). He's on advisory boards for ORC's Occupational Safety and Health Group and their Executive Business Issues Forum, on CAE's Helicopter Advisory Board and on the board of directors for Occupational Knowledge International (an NGO dedicated to preventing overexposure to lead in battery manufacturing plants in developing countries) and Soundwaters (an NGO dedicated to protecting Long Island Sound).

Dave holds Bachelors degrees in Chemistry and Biology and a Masters and PhD in Environmental Toxicology from Drexel University. He is also an adjunct professor at New York Medical College (where he teaches courses in Environmental Toxicology, Industrial Hygiene and Occupational Health).



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PHONE: FAX:									
E-MAIL ADDRESS ( <b>REQUIRED</b> ):									
I am a member of:   Philadelphia Section AIHA   New Jersey Section AIHA  None									
CONFERENCE FEE	Advance Registration (on or before November 20th)	Late Registration/ Walk-In (after November 20th)							
General	[ ] \$185	[ ] \$225							
Full-Time Student (Proof Required*)	[ ] \$100	[ ] \$125							

#### **METHOD OF PAYMENT:**

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[ ] Credit Card via PayPal— please visit our on-line conference payment web page at <a href="www.philaaiha.com/confpay.htm">www.philaaiha.com/confpay.htm</a> and follow the instructions to make your credit card payment. This form MUST be completed and submitted to complete your application (form can be faxed to 610-680-3494 for PayPal payments <a href="mailto:only">only</a>).

We cannot accept purchase orders, and we cannot invoice for conference fees.

Mailed payments MUST be postmarked on or before November 20th to qualify for the early registration discount.

Mail this completed application and your payment/registration information to:

Philadelphia Section AIHA PO Box 126 Royersford, PA 19468

Submittal of this application indicates that you have read, understood and agree to our refund and inclement weather policies (see page 3 for additional details).

<sup>\*-</sup>Full-time students will need to provide a copy of their current semester/term course schedule as proof of full-time student status