

# AIHce2014

## + STEWARDSHIP

May 31 – June 5 + San Antonio, TX + #AIHce  
Evolution & Journey to a Safer Tomorrow

Sessions available with purchase of AIHce 2014 Complete Set:

Session Name	Session Code
Compounding Pharmacies-What Industrial Hygienists Need to Know	CR301
Challenging Incident Investigation Paradigms	CR303
Wrapping Up Pharmaceutical Waste	CR304
Success Factors in Fall Protection	CR305
The \$13 Billion Case for Safety Culture in Healthcare	CR306
Confined Space Entry-What have we learned in 20 years?	CR307
Preventing Healthcare Job Injuries Through Design	CR308
Effective EHS Metrics Reviews - How to maximize engagement and maintain a repeatable EHS operating rhythm.	CR309
Safety Lessons at Sea: Acting on Leading Indicators to Protect Your Mission	CR310
Applying Safety & Environmental Management Systems Models to Managing Workplace Ergonomics Programs	CR311
Shifting Times-Learning to Minimize the Impacts of Shift Work on Your Workforce	CR312
Risk Management Systems 4.0: Integrating ISO 22301, 14001, and 31000	CR313
Use Your Interpersonal Communication Skills for Improved Safety!	CR314
Development of New Risk Assessment Tools - Practical Applications	CR315
The Hidden Million Dollar Liability - Non-Liquid PCBs	CR316
Building an Effective, Evidence-Based, Medical Examination and Employee Fitness for Duty Program	CR317
Measuring Cognitive Bias and PSM Weak Signals	CR318
It Must Be True-I Found It On The Internet! Your Role In Appraising Health And Safety Information	CR319
Demonstrating the EHS Business Value Calculator	CR320
Beyond Compliance: Building a Culture of Safety	CR321
Fall Hazard Risk Assessment: Achieving Acceptable Risk	CR322
ANSI Standards-Seeing is Believing	CR323
Catastrophic Risk - Sewer and Water Authorities	CR324
Industrial Ecology	CR325
Zero Incident Goals Create Risk-Taking Cultures: Learn to Measure What Matters	CR326
Developing a Product-Based Environmental Management System	CR327
The Next Tech Paradigm Shifts That Will Change Your World	GSMonday
Product Stewardship Society - Why the Buzz!!!	H-01
Product Stewardship Profession & Core Competencies	H-02
The Challenge of Product Stewardship - Grumbles	H-03
The "A" and the "R" of REACH: State of Play in the EU	H-04
Emerging Regulations in Canada	H-05
Reinvigorating, Reimagining ,and Reinventing TSCA Regulations	H-06
Global summary and EU update of the Restrictions in Hazardous Substances in Electrical and Electronic Equipment (RoHS)	H-07
What You Need to Know About PS Requirements for Packaging & Batteries in 2014	H-08
EU Reach Authorization: Impacts on Articles	H-09

# AIHce2014

## + STEWARDSHIP

May 31 – June 5 + San Antonio, TX + #AIHce  
Evolution & Journey to a Safer Tomorrow

Managing Confidential Business Information in Supply Chain Communications	H-10
Asia Pacific Regulatory Horizon	H-11
UNEP Chemicals in Products Project: An Early Indicator?	H-12
Emerging Legal and Product Stewardship Implications of Products of Nanotechnology	H-13
Why the fuss about endocrine disrupting chemicals?	H-14
Cumulative Exposure	H-15
Developments in Biomonitoring with Implications for Product Stewardship	H-16
Green Chemistry: A Critical Element of Sustainable Development and Product Stewardship	H-17
Alternatives Assessment for Product Stewards: Getting Started	H-18
Sustainability and Consumer Health: An Example of Consumer Health Risk Assessment	H-19
Using Ecological Risk Assessment to Demonstrate Product Safety: Lessons Learned From a Variety of Case Studies	H-22
Exposure Assessment as Input to Product Risk Assessment	H-23
Driving Innovation and Sustainable Solutions through Life Cycle Analyses	H-24
ICCA Global Product Strategy Overview	H-25
Worldwide Take-back Legislation: A Challenge for Globally Acting Manufacturers	H-26
Managing the Expansion of EPR Fee Paying Obligations in 2014	H-27
Addressing Advancement of Extended Producer Responsibility Requirements	H-28
Chemicals in Products: The Emerging Global Regulations	H-29
Transitioning to Safer Chemicals: OSHA's Toolkit for Employers and Workers	H-30
Creating Value through Product Transparency and Disclosure	H-31
National Aerospace Standard 411 Overview and Update	H-32
Chemical Industry's Commitment to Product Safety	H-33
ChemStewards - A management system designed by and for small and mid-sized chemical enterprises	H-34
Appliance Industry & Sustainability	H-35
Perspectives on Sharing Safety and Regulatory Information Along the Value Chain	H-36
Customer/Market Deselection of Chemicals - What Does It Mean?	H-37
Wrap Up	H-38
So You Want to be a WHAT When You Grow Up?!	PO101-01
Accuracy of Reported Flash Point Values on Material Safety Data Sheets and the Impact on Product Classification	PO101-02
Outsourcing Labour and Occupational Health: A Study Among Cleaners and Food Service Workers in the Healthcare Sector	PO101-03
Project Management Principles for Industrial Hygienists	PO101-04
Can Fit-Tests of Earplugs Predict the Hearing Protection Performance During Coal Mining Work?	PO101-05
Traditional Industrial Hygiene and Nanotechnology-Specific Control Banding Methods - Outcome Recommendations	PO102-01
Task-based Exposure Assessment of Tagged Cellulose Nanocrystals	PO102-02
Model for Medical Surveillance Program for a Caribbean Upstream Oil/Gas Producer	PO103-01
Biological Uptake of Aromatic and Polycyclic Aromatic Hydrocarbons in Firefighters: Evidence of Dermal Absorption	PO103-02
Real World Isocyanate PBZ and Skin Exposure Assessment	PO103-03
Allergens: Sampling Strategies and Guidelines	PO103-04

# AIHce2014

## + STEWARDSHIP

May 31 – June 5 + San Antonio, TX + #AIHce  
Evolution & Journey to a Safer Tomorrow

Control of Sweating from Chilled Water Pipes	PO104-01
Creating a Mathematical Noise Model	PO104-02
Contribution of Non-HEPA Preliminary Filters to the Efficiency and Life-span of HEPA Filters in Reducing Cadmium Contaminated Emissions and Respirable Particles	PO104-03
EPA Guidance for Determining Organic Vapor Cartridge Service Life for NIOSH-Approved Respirators	PO104-04
A Practical Comparison of Occupational Noise Standards & Regulations	PO105-02
Musculoskeletal Disorders in Texas and the United States, a Descriptive Study	PO106-01
A Case Study of Possible Improvements to the AIHA Ergonomics Toolkit	PO106-02
Evolution of an Office Ergonomics Program - Lessons Learned	PO106-03
Evaluating Existing Safe Patient Handling Programs- Key Learnings and Pointers	PO106-04
QUAL Check: A Novel Qualitative Exposure Assessment Checklist Tool	PO107-01
A Comparison of the $\beta$ -substitution Method and a Bayesian Approach for Handling Left-Censored Data	PO107-02
Regression Analysis of Exposure Data in the Presence of Detection Limits	PO107-03
Surrogate Monitoring for High Potent Active Pharmaceutical Ingredients (HPAPIs)	PO107-04
Modeling Benzene Exposure from Wax Wash	PO107-05
Exposure Assessment of Carbon Monoxide From Stored Wood Pellets Using a Kinetic Model for Off-Gassing Emissions	PO108-01
Interesting Lessons Learned from Indoor Air Quality Investigations	PO108-02
Thermal Environment Assessment in a High School During Winter	PO108-03
An Indoor Air Quality Exposure Assessment Evaluating the Off-Gassing of VOCs From Indoor Bulk Wood Pellet Storage	PO108-04
Malodor Due to an Aliphatic Tertiary Amine at a Hotel - An Unlikely Source	PO108-05
The Role for Industrial Hygienists in Healthcare Infection Prevention	PO109-01
Burden of Occupationally-Acquired Influenza Among Healthcare Workers	PO109-02
Benchmarking Airborne Levels of Indicator Mold Species for Infection Control Surveillance During Mold Remediation of Medical Center HVAC Systems	PO109-03
Linking Lab Ventilation with Energy Savings via Lab Banding Tool	PO110-01
Stop Pussyfooting Around: Real World Solutions for Controlling Exposure to Formaldehyde During Cat Dissections	PO110-02
Application of 5S Housekeeping to Healthcare Helped to Identify Hidden Hazards	PO110-03
Best Practices: Using The Cloud for Product Stewardship	PO111-02
Integrating Occupational Safety and Health into Life Cycle Assessment	PO111-03
Assessing Anthraquinone Exposure from Food Packaging: A Product Stewardship Challenge in Europe	PO111-04
Occupational Health and Safety Management Systems Tools	PO112-01
Development of an Internet Based Application for Supporting Industrial Hygiene Exposure Models	PO112-02
A Computer Tool to Calculate of Confidence Limits Using the OSHA-Compliance Approach	PO112-03
The Uncertainty in IH Calculations Can Be Estimated Either as a Confidence Interval or an Extreme Value Interval - the Choice is a Matter of Professional Judgement as Illustrated by Estimating Mesotheliom	PO112-04
A Disposable Inhalable Aerosol Sampler Designed to Fit a 37-mm Cassette	PO113-01
Data Distribution and Analysis of Bioaerosol Data	PO113-02
Investigation of 37-mm Closed Face Cassette Inlet Modifications on the Sampling Efficiency of Inhalable Particles	PO113-03
Omni-Directional Estimates of Human Aspiration Efficiency in Low Velocity Air Using Computational Fluid Dynamics	PO113-04
Air Monitoring During Highway Construction for Lead	PO114-01

# AIHce2014

## + STEWARDSHIP

May 31 – June 5 + San Antonio, TX + #AIHce  
Evolution & Journey to a Safer Tomorrow

Confined Space Hazard Assessment Preparation	PO114-02
Considerations When Faced with Decontaminating a Facility from BerylliumLLNL-ABS-643801	PO114-03
How IH Principles Were Applied to a Medical Research Laboratory Facility Following a Plastics Fire During Construction	PO114-04
Field-Portable Fourier Transform Infrared Spectroscopy for Simultaneous Detection and Quantitation of an Unexpected Airborne Contaminant	PO115-01
A Rapid and Accurate Field Method for Reduced Sulfur Compounds by GC/FPD	PO115-02
Real-time Field Assessment Methods for Quantifying Carbon Dioxide Levels Present in Workplace Atmospheres	PO115-03
Do We Agree?: Comparison of Semi-Quantitative Exposure Assessments by Three Independent Approaches	PO116-01
Mortality, Cancer Morbidity and Quartz Exposure in Swedish Iron Foundries	PO116-02
A Review of the Early History of Benzene Exposure and Benzene-Containing Materials	PO116-03
Ambient Asbestos and Longterm Trends in Pleural Mesothelioma Incidence Between Urban and Rural Areas in the United States	PO116-04
Protection offered by an Improperly Sized, Loose-Fitting Powered Air-Purifying Respirator Against Sub-Micrometer Aerosol Particles	PO117-01
Respiratory Protection for Firefighters- Evaluation of CBRN Canisters During Overhaul	PO117-02
Effectiveness of Exhalation Valves on N95 Filtering Facepiece Respirator Performance	PO117-03
Protecting and Promoting the Occupational Health and Safety for Female Migrant Workers in Workplace in China	PO118-01
Integrating Your H&S Program Into a H&S Management System	PO118-02
Effective Health and Safety Committees in Small Business	PO118-03
Lessons Learned - Managing the Safety of the Aging Workforce	PO118-04
Emergency Responder Considerations for Decontamination of Incidents	PO118-05
Methanol Hazards and Safeguards: Lessons Learned from Incidents in the Global Supply Chain	PO118-06
Mold Remediation: Pitfalls of Air Sampling	PO119-01
Secondhand Tobacco Smoke Exposure in New Orleans, Louisiana Bars and Casinos	PO119-02
Maintaining Acceptable Indoor Air Quality in an Outpatient Building Following a Building Implosion in the Texas Medical Center	PO119-03
Root Causes of Summer Mold Growth in Schools Associated with Elevated Relative Humidity	PO119-04
Jewelry Making Exposure Risk Assessment	PO120-01
Using as-Low-as Reasonably Practicable (ALARP) to Achieve Exposure Controls in Geographically and Culturally Diverse Environments	PO120-02
Assessment of the Risk Communication Efforts in a Community Near a PCB Waste Treatment Facility in Muroran City, Japan	PO120-03
Permeation of 2- Butoxyethanol Through Disposable Nitrile Gloves	PO121-01
Permeation of the Active Ingredients in Permanent Waving Solutions Through Protective Gloves	PO121-02
A Novel Approach for Evaluating Performance of Protective Gloves Against Engineered Nanomaterials Under Occupational Use Conditions	PO121-03
Adherence to Safe Handling Guidelines Among Healthcare Workers Who Administer Antineoplastic Drugs	PO122-01
Method for the Determination of Chemotherapeutic Drugs from Surfaces	PO122-02
Industrial Hygiene Assessment of Cleaning and Disinfection Operations	PO122-03
Chemical Fumigation and Ultraviolet (UVC) Irradiation as Alternative Room Disinfection Modalities: Pros and Cons	PO122-04
Field Measurement of Common Fumigants via Portable GC with PID & FUV Detectors	PO123-01
Elimination of Sensor Maintenance by Sensor Interrogation and Correction	PO123-03
Estimating Integrated VOC Exposure in Near Real-Time	PO123-04

# AIHce2014

## + STEWARDSHIP

May 31 – June 5 + San Antonio, TX + #AIHce  
Evolution & Journey to a Safer Tomorrow

A Novel Method for Assessing Exposure to Welding Fume Nanoparticles	PO124-01
Assessing Sub-Micrometer and Quasi-Ultrafine Particle Exposures in Aluminum Production Facilities	PO124-02
Use of and Occupational Exposure to Indium in the U.S.	PO124-03
Assessment of Lead Aerosol and Acidic Gas Exposure During Gun Firing	PO124-04
Establishing an Occupational Radon Standard for Federal Agencies	PO125-01
Characterization of Mercury in Baghouse Filter Dust (BFD) and the Release of Vapor Phase Mercury from Concrete Processing with BFD-added Cement	PO125-02
Electric & Magnetic Field Measurement from Power Transmission Lines to Address Health Concerns	PO126-01
Evaluation of Precautionary Control Measures for Occupational ELF Magnetic Fields in Dutch Workplaces	PO126-02
Interpretation of Radiation Measurements	PO126-03
Benefits of Monitoring Radon Concentrations in Real-Time for Periods Exceeding One Year, As Examined Through the Case Study of an Ontario Public School	PO126-04
Waste Anesthetic Gas Exposure in Hospital Recovery Rooms - the Impact of General Ventilation	PO127-01
How Well Can Face Shields Protect Healthcare Workers from Cough Aerosol Droplets?	PO127-02
Assessment and Determination of Practical Considerations for Wide-Scale Utilization of Elastomeric Half-Facepiece Respirators During a Pandemic or Outbreak Situation	PO127-03
Nonwage Losses Associated with Occupational Injury Among Health Care Workers	PO127-04
Development of Improved Criteria for Chemical Challenge Test Methods for Air-Purifying Respirators Aimed at Improving Inter-Laboratory Agreement of Test Results	PO128-01
Comparison of Fit Factors Between a Static Advanced Headform and Human Test Subjects	PO128-02
Evaluation of Potential Methods for the Determination of Respirator Leakage	PO128-03
Laboratory Study to Assess Causative Factors Affecting Temporal Changes in Filtering-Facepiece Respirator Fit - Three Year Assessment of Fit Changes	PO128-04
The Effect of Air Environmental Conditions on N95 Respirator Performance	PO128-05
An Exposure Assessment During Use of Picotrace Workstations	PO129-01
Are Dermal Absorption Models Effective in Refining Dermal Exposure Assessment for Product Stewardship and Regulatory Risk Assessments?	PO129-02
Filling Exposure Data Gaps through Product Remanufacturing	PO129-03
Dropped Ceiling Installation and Maintenance: Cumulative Exposures to Asbestos Fibers	PO129-04
Baseline Water Testing and Industrial Hygiene Expertise in the High Volume Horizontal Hydrofracking Debate	PO129-05
Vapor Intrusion Assessments: Identifying and Overcoming Real-World Complexities	PO129-06
Respirable Silica Exposures for Oil & Gas Operators During Fracking in the Eagle Ford Shale Play	PO130-01
Occupational and Environmental Health Protection Good Practices for Hydraulic Fracturing Operations	PO130-02
A Simple Ergonomic Risk Assessment Tool and Design Guidelines for the Oil, Gas, and Petrochemical Industries	PO130-03
Noise Attenuation of Abrasive Blast Helmets	PO130-04
The Business Case and Value of Occupational Health and Safety - Risk and Reward	PO130-05
Increase Potential for Glucose Metabolism Interference and Retinal Microaneurysms from Carbon Disulfide (CS <sub>2</sub> ) Exposure in Oil and Gas Workers: A Systematic Review	PO130-06
Adaptation of a CIP10 to the Sampling of 4,4'-Methylene Diphenyl Diisocyanate Aerosols	PO131-01
Sampling and Analytical Method for Diketone Flavoring Compounds	PO131-02
A Modified Analytical Method for the Determination of Arsine at Low-ppb Levels by HG/GC/PID	PO131-03
Improved 37mm (Diameter) Mixed Cellulose Ester Matched Weight Cassette Integrity by Cellulose O-Ring Addition	PO131-04
Investigation of Relationship of Pump Pulsation Between NIOSH and EN 1232 Method	PO131-05
What is the Public Health Risk from Legionella Pneumophila in Whirlpool Spas?	PO132-01

# AIHce2014

## + STEWARDSHIP

May 31 – June 5 + San Antonio, TX + #AIHce  
Evolution & Journey to a Safer Tomorrow

Factors Influencing Hand-to-face Contact Among Biosafety Level-2 Research Laboratory Workers	PO132-03
Implementing Proficiency Demonstration in Biosafety Level 2 Research Laboratories	PO132-04
Due Diligence Audits at Pharmaceutical Contract Manufacturing Sites in India - Lessons Learned	PO133-01
Investigation of Deaths Possibly Associated with Acute Silicosis Caused by High Exposure to Free Silica in Quartz Grinding and Mixing Factories Around Lahore-Pakistan	PO133-02
Lessons Learned in Implementing H&S in a Developing Country	PO133-03
Sour Gas Pipelines: How Do You Protect the Public in the Eagle Ford Shale Play?	PO134-01
Evaluating Employee Exposure to Selected Air Contaminants in the Aftermath of Hurricane Sandy	PO134-03
Lessons in CSR from Katrina and Sandy	PO134-04
Characterization of Combustion-by-Products (char, ash, and soot) in Real-Life Samples and Obtained by Simulation in Laboratory	PO135-01
Asbestos as an Ingredient: Mineral, Formula, and Analytical Considerations for Reformulation.	PO135-02
Talaromycetes Columbinus sp. nov., Potentially New Human Pathogen	PO135-03
Exposures Associated with the Manufacture of Indium-Tin Oxide (ITO) Tiles at a Production Facility	PO135-04
Collision Auto Repair Safety Study (CARSS): Are Health and Safety Improvements Sustainable?	PO135-05
Kick-Off OELs for Substances With Limited Human Health Hazard Information	PO136-01
Exposure to Styrene in the Composites Industry in Alberta	PO136-03
Recent Variability in Silica Analysis from Proficiency Analytical Testing (PAT) Data	PO136-04
Experience On the Front Lines Enabling GHS Global Compliance	PO136-05
Validating Exposure Ranges of Existing Control Band Schemes	PO136-06
Exposure and Control of Occupational Diseases: Chicago, 1910	PO136-07
VOC Investigations: What's in the Air?	PO137-01
Spray and Contact Chemical Products: The Hidden Dangers and Enhanced Risks	PO137-02
Comparison of Selected Air Contaminants in Homes Before and After Two Weatherization Protocols	PO137-03
Do Weatherization and Rehabilitation of Low-Income Housing Using Green Healthy Homes Techniques Improve Health Outcomes and Indoor Environmental Quality-Three Recently Completed Studies	PO137-04
Concerns with Microbial Contamination in Cellulose Fireproofing	PO137-05
Efficacy of IAQ Standards Based on Contaminant Concentrations	PO137-06
Elimination of Lead in Powder Actuated Tool Use in LEED High Rise Construction - A Success Story	PO137-07
Measuring, Analyzing, and Engineering Noise Controls For Indoor and Outdoor Shooting Ranges	PO138-01
Ear Training: Understanding Noise and Noise Controls Through Audio Demonstrations	PO138-02
Active Noise Control in Industrial Settings - Establishing Performance Based on an Intelligent Analysis of Disturbance and Technology	PO138-03
Comparison of Noise Monitors in Low Noise Environments	PO138-04
Pre-Construction Ground-Borne Vibration and Ambient Noise Assessment for a Streetcar Project	PO138-05
Health Basis of Design: Concept and Application	PO139-01
The Role of Programs in Achieving Process Safety Excellence	PO139-02
Using Failure Modes to Enhance What-If Analysis	PO139-03
Case Study: A Risk-Based Approach for Combustible Dust Hazard Mitigation	PO139-04
Assessing Risks to Pipefitters from Insulation and Gaskets	PO139-05
The Future of Occupational Risk Management	PO139-07
Methods for the Measurement of Gas Phase Ethylene Oxide in Workplace Environments	RT201-01



# AIHce2014

## + STEWARDSHIP

May 31 – June 5 + San Antonio, TX + #AIHce  
Evolution & Journey to a Safer Tomorrow

Needle Trap Sampling for Quantitative Assessment of Nearly Instantaneous Peak Standard Exposure Concentrations	RT201-02
Comparison of Helium Diffusion Sampling to Other Sampling Methods	RT201-03
Development and Validation of a Wearable, Real-time Ultraviolet Native-Fluorescence Based Monitor	RT201-04
Hazards Associated with Oil Spill Response Operations	RT202-01
Effective Job Hazard Analysis Process	RT202-02
The Development and Content of API's RP 98 Document	RT202-03
The Art of Demolition	RT203-01
Technical and Management Aspects of a Major Decontamination and Demolition Project	RT203-02
Controlled Implosion for Building and Facilities Demolition	RT203-03
Power Plant Decommissioning and Dismantlement	RT203-04
What the Value Strategy Was Then, Isn't What It Is Now	RT204-01
Why use the Value Strategy in the Business World	RT204-02
Why Use the Value Strategy in the Academic World	RT204-03
Next Steps for Using the Value Strategy	RT204-04
This is Not Your Father's Sampler!	RT205-01
Practicing IH at the Plant Level: Infusing the Art into the Science	RT205-02
Reflections on the Development of Hazard Communication - from RTK to GHS	RT205-03
Impact of the Evolving Regulatory Environment on IH	RT205-04
Key Professional Drivers, Their Convergence, and Their Promise	RT205-05
Issues and Challenges in Industrial Hygiene Practice in Colombia	RT206-01
Issues and Challenges in the Industrial Hygiene Practice in Brazil	RT206-02
Issues in the Industrial Hygiene Practice in Mexico: Health and Safety for Informal Work - Small and Medium Companies	RT206-03
Industrial Hygiene Practice in Panamá: Current Situation and Future Needs	RT206-04
Mock Trial - IH Evidence Admissibility and Proof of Causation	RT207
Just the Facts - Requirements to Sit for the Exam and the Exam Blueprint	RT208-01
Paula's CIH Boot Camp: 30 days To a Better Score	RT208-03
The Long and Winding Road of CIH Exam Preparation	RT208-04
Excel-erate Your Route to the CIH Designation - A Planning & Tracking Tool that Gets Results	RT208-05
The CIH Experience....An Early Stop on a Long Road to a Successful EHS Career	RT208-06
Handling PCBs in Building Materials	RT209-01
Global Impact of the New York PCB Investigations	RT209-02
Health Effects of PCBs in the Indoor Environment	RT209-03
PCBs in the Construction Environment - History and Use	RT209-04
Implementation of a Personal Protective Equipment Program in the Asia Pacific Region	RT210-01
Misapplication of Non-Respirator Facemasks for Worker Protection in Asia Pacific Region	RT210-02
Misuse of Respiratory Protection Factors	RT210-04
Challenges of Implementing a PPE program in Middle East with a Multi-Cultural Workforce	RT210-06
Lessons Learned @ TTU	RT211-01

# AIHce2014

## + STEWARDSHIP

May 31 – June 5 + San Antonio, TX + #AIHce  
Evolution & Journey to a Safer Tomorrow

Changing the Safety Culture at UCLA: A Faculty View	RT211-02
Got PPE? Creating a Responsive and Sustainable University of California System-Wide PPE Program	RT211-03
Hazards, What Hazards? How to Implement an Effective Laboratory Hazard Assessment Program and What It Can Do for EH&S, Faculty, Research Directors, and Laboratory Personnel	RT211-04
Make It or Break It - The Effects of Interpersonal Communication on Your Campus EHS Program	RT211-05
How Synergism Between Industrial Hygiene and Radiation Safety Programs can make both Programs Stronger	RT212-01
Integrated Safety & Security Culture Practices for Facilities Using Radiation	RT212-02
The Inside Track on Radiation Dose Assessment	RT212-03
Challenges of Multi-Jurisdictional Radiation Safety Programs	RT212-04
Interpretation of Radiation Measurements and Tribute to Dr. Herman Cember	RT212-05
Overview of the History, Use and Health Concerns Associated with 1-Bromopropane	RT213-01
Exposure to 1-Bromopropane from Foam Adhesives and Vapor Degreasing Solvents and Urinary Metabolites: Overview of NIOSH Field Studies	RT213-02
OSHA Activities Associated with 1-Bromopropane	RT213-03
Cancer Evaluation of 1-Bromopropane by the National Toxicology Program	RT213-04
NIOSH Quantitative Risk Assessment for 1-Bromopropane	RT213-05
Minimum Data Quality Objectives When Sharing Welding Fume Sampling Data	RT214-01
Current NIOSH Welding Research on Welding Processes, Helmets, and Fume Sampling	RT214-02
Hexavalent Chromium Exposure Reduction Project at a Diesel Emissions Reduction System Manufacturing Site	RT214-03
P91 (9% Chromium) Welding and Exposure Assessment in Electric Power Generation	RT214-04
Shielded Metal Arc Welding Exposures in Electric Power Generation	RT214-05
History of Sampling & Analytical Methods	RT215-01
Academic Programs and Key Legislation	RT215-02
OSHE in China	RT215-03
OSHE in the African Continent	RT215-04
Key Events, Women and Union Activities that Impacted the Profession and a Look Into the Future	RT215-05
Illustrating the Benefits of OEBs to Exposure Assessment and Management Programs	RT216-01
Validation Efforts for the NIOSH Health Hazard Banding Decision Logic	RT216-02
Designing in Exposure Control Tools into Occupational Exposure Banding Processes	RT216-03
Decontamination Objectives and Methods	RT217-01
Practical Aspects of Operating a Decontamination Facility	RT217-02
Practical Considerations and Examples of Decontamination in Industrial Operations	RT217-03
Training Experience to Date: Includes Asia Pacific	RT218-01
Presenting W201 in English in Other countries	RT218-03
Pharma Company Experience Empowering HSE Staff Worldwide with OHLearning.com Courses	RT218-04
IH Aspects of Decommissioning a Pulp and Papermill and Construction of an LNG Plant in an Environmentally and Culturally Sensitive Setting	RT219-01
Fire and Ice - The Burning Road Incident in Northern Canada	RT219-02
Challenges We have Faced and How They Were Overcome for Successful Delivery of Occupational Health Services	RT219-03
Supporting Industrial Hygiene Programs in West Africa	RT219-04
The Steps to Creating a Employee Driven Safety Culture	RT220-01



# AIHce2014

## + STEWARDSHIP

May 31 – June 5 + San Antonio, TX + #AIHce  
Evolution & Journey to a Safer Tomorrow

The ROI and Value of Employee Driven Teams	RT220-02
The IH Exposure Assessment Strategy - Qualitative and Quantitative	RT220-03
The Successes and Challenges of the IH Employee Team	RT220-04
Update on Key Results from Inhalation and In-Vitro Studies	RT221-01
Strategies for Occupational Exposure Limits for Engineered Nanomaterials	RT221-02
Control and Hazard Banding for Nanomaterials	RT221-03
Current Strategies for Engineering Controls in Nanomaterial Production and Downstream Handling Processes	RT221-04
Particulate Containment Validation: An Effective Tool in Reducing Pharmaceutical Exposure in Emerging Economies	RT222-01
Managing Occupational Health Risk in Pharmaceutical Industries in Emerging Economies	RT222-02
The Challenges and Successes of Establishing a Robust and Sustainable EHS Program at a Research and Development Pharmaceutical Site in Hyderabad India	RT222-03
Reducing Occupational Hygiene Risk at Pharmaceutical Manufacturing and Acquired Sites Globally	RT222-04
Pharmaceutical Corporation Experience of Empowering HSE Staff Globally	RT222-05
Journey to Sustaining Occupational Hygiene Capability at External Manufacturers	RT222-06
What Do We Really Know When the Sample Size is Small?	RT223-01
Occupational Exposure Decisions: Can Limited Data Interpretation Training Help Improve Accuracy?	RT223-02
Air Exposure Judgement	RT223-03
Regulations, Standards, and Guidelines Applicable to Management of Change in Laboratory Settings	RT224-01
Managing Change Robustly in an Industrial R&D Setting	RT224-02
Laboratory Change Management - Key Elements and Best Practices for an Effective Approach	RT224-03
Mergers and Acquisitions - Managing Change	RT224-04
Bringing new Principal Investigators and Their Laboratories to Our Institution	RT224-05
Lessons Learned from an R & D Laboratory Facility Relocation	RT224-06
Networking Beyond Social Media	RT225-01
Where Do I Belong?	RT225-02
Hiring Process and Interviewing from the Employer's Perspective	RT225-03
Sink or Swim	RT225-04
Breaking Down Barriers to Build Up Trust	RT225-05
What Do You Really Need to Know and What Do We Do With It?	RT225-06
Health Effects of Occupational Cold Stress Exposure	RT226-01
Effective Heat Stress Management Strategies	RT226-02
Use of the Stedman's Heat Index as a Tool for Preventing Heat Stress	RT226-03
A Comparison of the Different Methods and Guidelines for Evaluating Thermal Stress	RT226-04
Contextual View of Heat Stress and Strain	RT226-05
Thermal Risks and Mitigation Techniques During Space Walks	RT226-06
Hazcom 2012 Update: The Regulation and Guidance	RT227-01
Hazcom 2012 Update: Challenges in Implementation	RT227-02
Implementation of the GHS for Workplace Chemicals in Canada	RT227-03
Global Implementation of the GHS	RT227-04

# AIHce2014

## + STEWARDSHIP

May 31 – June 5 + San Antonio, TX + #AIHce  
Evolution & Journey to a Safer Tomorrow

Field Evaluation of Engineering Controls for Nanomaterial Manufacturing	RT228-01
Controlling Exposures to Engineered Nanoparticles Using Exposure Prevention and Minimization	RT228-02
The Evolution of Engineered Controls for Containment Applications: Lessons Learned from the Pharmaceutical Industry that are Applicable to Engineered Nanomaterial Processing	RT228-03
Nanomaterials Exposure Management and Control Practices: the Exposure Prevention and Minimization	RT228-04
The New ASTM E1527-13 Phase-I Environmental Site Assessment Standard	RT229-01
The New Environmental Professional	RT229-02
Updating the Due Diligence Process	RT229-04
New Sampling and Analytical Techniques for Nano-Sized Particles	RT230-01
Development and Evaluation of a Diffusive Sampler for Long-Term Sampling of Methanol	RT230-02
Determination of Formaldehyde Outgassed from Composite Wood Products Using Superficially Porous Column and High Pressure Liquid Chromatography	RT230-03
Comparison of Impinger and Dry Sampler Data for Hydrogen Peroxide	RT230-04
The National Institute of Environmental Health Sciences (NIEHS) Operational Plan for Hurricane Sandy Response	RT231-01
Lessons Learned in Conducting Outreach and Coordinating Safety and Health Training for Superstorm Sandy Clean-up Workers	RT231-02
Developing a Training Framework using OSHA Fatality Report and Hazard Identification	RT231-03
The United Steelworkers (USW), Tony Mazzocchi Center (TMC) Specialized Emergency Response Trainers Response to Hurricane Sandy	RT231-04
Protecting the Health and Safety of Hurricane Sandy Volunteers: Successes, Failures and Opportunities	RT231-05
Selling Use of LEV on Construction Job Sites - Factors to Consider	RT232-01
Effectiveness of Commercially Available Portable Local Exhaust Ventilation for Controlling Worker Exposures to Welding Fumes	RT232-02
Pilot Test Training Program to Promote Awareness of Welding Fume Hazards and General Principles in the Correct Use of LEV Among Apprentice Welders	RT232-03
Effectiveness of Dust Control Systems Tested for use During Masonry Restoration - The Sequel	RT232-04
Silica Dust Controls for Asphalt Pavement Milling Machines	RT232-05
Exposure to Nanoparticles in Construction and Use of Existing Engineering Control Approaches	RT232-06
Developing a Mobile Solution for Recording IH Air Monitoring Data	RT233-01
There's An App for That IIIa	RT233-02
How Social Media Can Advance Your Training Goals	RT233-03
The Power of an IH Developed Database for Risk Assessment	RT233-04
An IH Can Develop an App	RT233-05
Looking into the Crystal Ball of IH Based Electronic Applications	RT233-06
Current Challenges to Measure Silica Occupational Exposures in Mexico	RT234-01
Exposure Assessment in Clay Brick Factories in Pakistan	RT234-03
Estimating Respirable Dust and Silica Exposure	RT234-04
Controlling Silica Dust for Tuberculosis Prevention in High Risk Communities	RT234-05
Control Banding Strategies for Exposure to Crystalline Silica in the Cement and Aggregate Industries	RT234-06
The 2013 Manganese TLV: Their Representativeness, and How Appropriate They Are for Welders	RT236-01
What Needs to be Done in the Field to Achieve the New Manganese TLV?	RT236-02
Anecdotes of Manganese Dusts and Fume and What Difficulties There Are in Sampling and Analysis	RT236-03
Hair as a Non-invasive Biomarker for Welder Exposure to Manganese	RT236-04

# AIHce2014

## + STEWARDSHIP

May 31 – June 5 + San Antonio, TX + #AIHce  
Evolution & Journey to a Safer Tomorrow

Manganese (Mn) in Bone: A Novel Biomarker for Risk Assessment?	RT236-05
Biomonitoring Strategies for Manganese and Welding-related Neurological Risks	RT236-06
How Failure to Address Changes In Conditions Led to a Confined Space Fatality	RT237-01
Wind Turbine Confined Spaces	RT237-02
Aluminum Fabrication Welding and Ship Construction	RT237-03
Contraband: How the Coast Guard Manages Confined Space Hazards at Sea	RT237-04
Hazard Assessment: 'If You Don't Know Where You Are Going, ...'	RT237-05
Fuel for the Fire - Oxygen Enriched Environments in Confined Spaces	RT237-06
Past, Present, and Future of Hazardous Drugs	RT239-01
Identifying Sources of Contamination in the Pharmacy, Assessing Health Risks and Controlling Exposure	RT239-02
Best Practice Safety Tools for Pharmacists Handling Hazardous Drugs	RT239-03
An Approach to Mitigating the Impacts of Implementing Hazardous Drug Regulations	RT239-04
Worker Protection on Par with Patient Safety - Developing, Implementing, Monitoring and Improving a Program for the Safe Handling of Hazardous Drugs in the Healthcare Setting	RT239-05
Occupational Health and Safety Rules and Regulations in India and China: Vision from USA	RT240-01
IH Regulations in Brazil from the International Prospective	RT240-02
The Former Soviet Union: IH Paradigms for the Overseas Companies	RT240-03
Past and Future of IH Related Legislation in EU: Anticipation of the Trends	RT240-04
Challenges and Opportunities in Establishing a Global Program for EHS	RT240-05
Occupational Hygiene in Canada: A Federal or Provincial Matter?	RT240-06
ISO Respirator Work Rate Classifications, A New Concept?	RT241-03
Breathing Patterns and Volumes Recorded in the Workplace in Correlation with ISO Work Rates	RT241-04
Practical Concerns for Health and Safety Practitioners	RT241-05
Addressing Implementation Considerations: How do ISO RPD Standards and 42CFR84 Compare?	RT241-06
Relentless, The Sticker Program	RT242-01
Employee Exposures in Construction & Strategies to Overcome the Difficulties of Sample Collection	RT242-02
The Role of Task Hazard Analyses (THAs) at Construction Sites	RT242-03
From Electrician to Industrial Hygienist: An Inside View of the Construction Industry	RT242-04
Welder Electrocution: A Confluence of Multiple Safety Program Shortcomings	RT242-05
Safety and Health Considerations of the Older Construction Worker with Tips / Techniques to Promote their Safety and Health for a More Productive and Rewarding Worksite for All	RT242-06
Institutional Trust and Cultural Impacts Among Northern New Mexico Native American Tribal Members During Construction Projects	RT242-07
'OSHA's Proposed Silica Rule: A Labor Perspective'	RT244-01
Impacts of the Proposed Rule on the Small and Non-Union Contractors	RT244-02
Exposure to Crystalline Silica at Alberta Construction Work Sites	RT244-03
Quantifying and Controlling the Exposure of Heavy-Equipment Operators to Crystalline Silica Dust	RT244-04
"Control Options for Reducing Crystalline Silica Exposures in Construction"	RT244-06
'Engineering Control of Respirable Crystalline Silica Exposure from Cutting Fiber-Cement Siding'	RT244-07
The Evolution of Business and Citizenship	RT245-01
Internal Aspects and Benefits of Life Cycle Management	RT245-02



# AIHce2014

+ STEWARDSHIP

May 31 – June 5 + San Antonio, TX + #AIHce  
*Evolution & Journey to a Safer Tomorrow*

The Business Case for Sustainability and Product Stewardship: A Case Study	RT245-03
Business Benefits of Sustainability Reporting	RT245-04
How Sustainability Adds Value	RT245-05
Corporate Global Ethics: A driving force in Industrial Hygiene	RT246-01
"Migrant Health & Welfare Program and Its Impact on a Major Construction Project"	RT246-02
A Commitment to Products that Help Protect or Enhance Human Health, Safety, and the Environment	RT246-03
"Corporate Social Ethics, A Global Look"	RT246-04
Applied Ethics in Industrial Hygiene and Safety	RT246-05
Update on the National Service, Transmission, Exploration & Production Safety (STEPS) Network's Respirable Crystalline Silica Focus Group in the On-Shore Exploration and Product Industry.	SS002-01
Hydrocarbon Emissions and Risks for Worker Exposures During Well Flowback (Completions Operations)	SS002-02
The Use of Health Impact Assessment for a Community Undergoing Natural Gas Development	SS002-03
Remote Site Health and Safety Risk Assessment, and Identifying Exposure Pathways Associated with Hydraulic Fracturing Operations	SS002-04
OSHA Proposed Silica Rule: Application and Implications to Petroleum Operations	SS002-05
Update of the NIOSH Skin Notation Project	SS003-01
A New Qualitative Dermal Exposure Assessment Tool	SS003-02
IH Decision Making for Dermal Exposure Scenarios	SS003-03
Quantitative Dermal REACH Exposure Assessments	SS003-05
Managing Dermal Risks During Chemical Emergencies	SS003-06
Nanoparticle Dosimetry in the Respiratory Tract: Do Traditional Approaches for OEL Development Serve Us Well?	SS004-02
Sampling and Analytical Considerations Related to Occupational Exposure Limits for Various Nanomaterials	SS004-03
Approaches to Data Requirements to Set OEL Values: An Industry Perspective	SS004-05
Issues in Establishing Categorical OEL for Nanomaterials	SS004-06
Issues Current Best Practices for Responsible Development of Nanotechnology: An OSHA Perspective	SS004-07