

Wednesday Keynote Speaker:  
**Deborah J. Zubaty**



Thursday Keynote Speaker:  
**Bob LoMastro**



VPP/SHARP– Guest Speaker:  
**Richard Hawk**



# Speaker & Program Listing

19th Annual Chicagoland Safety & Health Conference  
September 24 – 28, 2007

Special Panel Speaker.  
**Kelly Bernish**, Director of Environmental, Health, and  
Safety at Sea World Adventure Park. See Session 4D

## 1A Training the Spanish Worker

Topic Level: Basic

The presentation discusses simple, yet highly effective ways to improve the quality of safety training and communication and relationships with employees of Hispanic cultural backgrounds.

### Learning Objectives:

- Illustrates how cultural differences may impact behavior
- Increase awareness of the impact of culture in the workplace
- Demonstrate skills for managing a culturally diverse workplace



**Presenter: Isbelia Lugo**, founder of Innovative Safety Solutions, Inc. (ISSI) is a bi-lingual OSHA-trained (English and Spanish) Loss Control Consultant and safety and training specialist. Studying Business Education at the University of Nebraska, Isbelia's background includes 17 years of experience in Safety/Injury Prevention and Loss Control. Isbelia has traveled nation-wide, implementing bi-lingual safety and culture training for corporations, municipalities and manufacturing industries.

## 2A Effective Hearing Conservation Program

Topic Level: Basic

This session covers the essentials of an OSHA compliant Hearing Conservation Program. In addition to covering the OSHA requirements, the realities of hearing conservation in the industrial setting will be discussed. These realities include what is needed to make the program truly effective rather than just meeting the OSHA rule. Realities about the obvious and not so obvious documentation needs, hearing protection, noise measurement procedures/reports, hearing test administration/analysis and other issues will be covered

### Learning Objectives:

- To create an understanding in the attendee that effective hearing conservation programs occur from the top down
- To clearly show that hearing conservation is far more than hearing testing
- To better understand the essential sense of hearing.



**Presenter: Dr. Robert Beiter** is president of Consulting Audiological Associates Inc. (CAA), located in Oak Park, Illinois. CAA provides Hearing Conservation Services in and outside of Illinois. Dr. Beiter consults with industry relative to all aspects of hearing conservation, conducts noise surveys and employee education programs, offers seminars in Hearing Conservation, testifies regarding hearing loss and noise exposure, is a Course Director for CAOHC approved audiometric technician training courses and also sees patients for evaluation and rehabilitation of hearing loss.

### 3A Illinois Workers Compensation Update

Topic Level: Basic

This presentation will confirm and discuss continuing impact and changes to the Illinois workers' comp system and risk management protocols in light of the 2005 Amendments to the Workers' Comp Act. It will provide a detailed review of all appellate decisions in state and federal courts as they relate to WC risk management and will give an overall summary of risk management approach and questions.

#### Learning Objectives:

- Identify requirements of the new law
- Outline the impact of the law on safety and other professionals' approach to WC
- Identify methods of dealing with claimants, claims handlers, safety protocols and other issues relating to your day-to-day work.



**Presenter: Gene Keefe** holds a B.A. from Loyola University of Chicago and a J.D. from John Marshall Law School. He is a member of the Chicago Bar Association, Illinois Workers' Compensation Lawyers Association, and Workers' Compensation Claims Association. He has served as Arbitrator, Cook County Mandatory Court Annexed Arbitration, and has been Editor of Workers' Compensation Law Update from July, 1992 to the present.

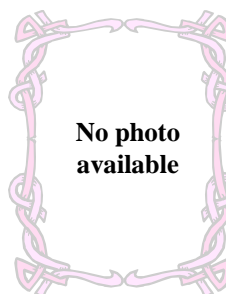
### 4A Backworks and Body Mechanics

Topic Level: Basic

Professional athletes go through the rigors of their job under the watchful eye of the coach and trainer, practicing patterns of movement until they become second nature. Workers bodies move in the same way as an athlete's. What does it take to become a back coach at your company? Learn how the back works when lifting and carrying and how to spot and correct detrimental movement. Learn how to remove the barriers to physical performance and coach your crew to score material handling success.

#### Learning Objectives:

- Define basic anatomy and function of the back as it relates to body mechanics
- Outline major causes and risk factors that may lead to a back injury
- Identify proper lifting techniques and body mechanics



**Presenter: Loren Wolf** (aka, The Back Lady) is president of MSIC, Inc. in Chicago. Here she provides training and consulting serves to the general and construction industries in the area of back injury prevention, ergonomics and return to work programs.

## 1B Plant/Facility Remodeling: How to Work Safely with Your Contractors

Topic Level: Intermediate

This presentation will provide information for plant owners and managers related to safety and health hazards and concerns that arise during a demolition contractor's work activities within their facilities. The presentation includes demolition safety plans, types of equipment used, as well as safety, health and environmental concerns for employees during demolition activities.

### Learning Objectives:

- Review demolition contractor's safety plans
- Identify hazards associated with demo activities
- Identify lessons learned for owners/managers



**Presenter: Andrew Youpel** has served as Safety Director for Brandenburg Industrial Company in Chicago, Illinois since 1995. He has concurrently served as an Adjunct Faculty member at Purdue University, Calumet, Organizational Leadership Studies Department. From 1989 until 1995, Mr. Youpel worked as a Compliance Officer with OSHA. He has also served as a Safety and Occupational Health Officer for the Department of Veteran Affairs.

In the business and labor communities, there are conflicting opinions regarding some of OSHA's policies and practices. Get the straight scoop from the Area Directors who enforce these policies/practices. Additionally, OSHA has many local initiatives which could have an impact on business in the Chicagoland area. Learn firsthand from the OSHA Area Directors who have developed these programs and are responsible for their implementation.



**Learning Objectives:**

- Identify the current and upcoming topics in OSHA in the Chicagoland area
- Identify OSHA policy and practices which may impact your business
- Define the different program in each area office within the Chicagoland area

**Presenters: Gary Anderson, Kathy O'Connell, Diane Turek**

**Gary Anderson** began his career with the Occupational Safety and Health Administration (OSHA) in 1970 as an Industrial Hygienist in the Indianapolis, Indiana Office. Mr. Anderson holds a Master of Public Health in Environmental Health from University of California in Berkeley, California, and a Bachelor of Science in Biology from University of Santa Clara in Santa Clara, California

**Kathy O'Connell** began her career with the Occupational Safety and Health Administration (OSHA) in 1987 as a Safety Specialist in the Calumet City, Illinois area office. During her 20 years with OSHA she has worked as a Construction Team Leader in the Calumet City, Illinois Area Office. Ms. O'Connell holds a Bachelor of Science in Professional Studies from Purdue University in Indiana. She is also a certified CHST.

**Diane Turek** began her career with the Occupational Safety and Health Administration (OSHA) in 1975 as a Compliance Officer in the Chicago/North Aurora Area Office. During her 32 years with OSHA, she has worked as a Team Leader in the Calumet City Area Office. Mrs. Turek holds a Bachelor of Arts in Business Administration from Lewis University in Romeoville, Illinois, and a Masters in Business Administration from Lewis University in Romeoville, Illinois.

The goal of this session is to raise awareness about the role of OSHA in addressing workplace safety and health hazards, illustrating real-life scenarios and demonstrating the application of control methods and solutions. This session will also provide lessons learned that could be taken back to the workplace for application. It gives the attendees a greater appreciation for the impact OSHA has on the workplace and America's workers.



**Presenters: Alan Angle, Brad Becker, Ken Koroll & Charlie Shields**

**Alan Angle** was an active duty Navy Corpsman for the 1st Marine Division. After his service, he continued his career in safety and health as an industrial hygiene and audiometric technician with the Department of Defense. He has been a Safety and Health Compliance Officer for the Madison, Wisc Area office since 2001.

**Brad Becker** has worked as an Industrial Hygienist for the United States Department of Labor-OSHA for five years. Previous to his work at OSHA, he was a Microbiologist for a pharmaceutical lab. He holds a Bachelors Degree in Biology from Millikin University in Decatur, Illinois.

**Ken Koroll** holds a Bachelors and Masters Degree in Occupational Safety and Health from Northern Illinois University. He is a Certified Safety Professional in comprehensive and construction practice and holds the Construction Health and Safety Technician designation. He has spent over 6 years as a Compliance Officer, one year as a private consultant, and two years as a Training Instructor at the OSHA Training Institute where he taught OSHA policy and procedures.

**Charles J. Shields, MS, CIH, CSP** has a Master of Science degree in Industrial Health from the University of Michigan, and is both a CIH and CSP. He served in a variety of field and management positions during his OSHA career. In February 2007 he became the director of the OSHA Training Institute in Arlington Heights, Illinois.

This presentation will provide an overview of the types of hazards present in the Residential Construction Industry. During this presentation we will also examine the Residential Construction fatality data for FY 2004 through FY 2007 Year-To-Date.

**Learning Objectives:**

- Identify the types of hazards present in Residential Construction
- Identify the trades in Residential Construction where the fatalities are occurring
- Identify the types of fatalities occurring most in Residential construction



**Presenters: Rob Bonak & Gerald Thiel**

**Rob Bonack** is a Safety and Occupational Health Specialist on OSHA's Region V Audit and Analysis team in Chicago. He holds a B.S. in Safety, Minor in Environmental Health from Illinois State University, and a B.S. in Professional Aeronautics, Minor in Aviation/Aerospace Safety from Embry-Riddle Aeronautical University.

**Gerald Thiel** is President of a residential carpenter contractor which emphasizes job site safety as it's first priority. Currently serves as the Residential Construction Employers Council's safety committee chairman.

This presentation will address basic and advanced instrumentation available for conducting chemical (dust, vapors, gases and fumes) and noise exposure assessments including both time-weighted average and short-term samples and industry-accepted calibration techniques. The limitations and problems associated with the various instrumentation/methods will be addressed.

**Learning Objectives:**

- Identify instrumentation available for chemical and noise exposure assessment
- Demonstrate proper calibration techniques
- Identify limitations and problems



**Presenter: Rex W. Moore, CIH, CSP**, holds a BS Degree in Mechanical Engineering, has been a Certified Industrial Hygienist for over 29 years, a Certified Safety Professional for over 11 years and has over 30 years of experience in the environmental, safety and health fields. He is well versed in industrial hygiene instrumentation.

**2C Nanoparticle Monitoring in Occupational Environments: Comparing and Contrasting Measurement Metrics**

Topic Level: Basic

OSHA, NIOSH, the HSE (UK), IRSST (Quebec) and the EU H&S community all see nanoparticle exposure as an emerging issue for industrial hygienists today. There is great concern about the potential for worker-related health risks from production and exposure. Currently, no regulations or exposure limits exist for nanoparticles. While we are called upon to anticipate, recognize, evaluate, measure and control nanotechnology applications, the OHS risks are not clearly understood.

**Learning Objectives:**

- Identify some of the basic concepts and terms in nanotechnology
- Define of the techniques being used to evaluate exposures in nanotechnology
- Recognize various sources to go to for additional knowledge & information about nanotechnology



**Presenter: Michael Sprinker** is an instructor at the OSHA Training Institute, specializing in Process Safety Management. Before that, Michael spent 12 years as H&S Director for the ICWUC/UFCW, participating on numerous tripartite panels and committees on issues as diverse as DOE worker H&S, EPA TRI update, dioxin, nanotechnology, PSM, etc. Michael was a Senior IH with Oregon OSHA (1984-94), focusing on the chemical and pulp & paper industries. A CIH since 1991, he is a member of ACGIH and APHA.

### 3C Clandestine Methamphetamine Lab Clean Up

Topic Level: Basic

Presentation highlights will focus on methamphetamine awareness and the exponential spread of meth cooking and Meth use, recognizing meth laboratories, hazards of meth labs, and the effects of meth on users, children in meth homes, and on the community.

#### Learning Objectives:

- Develop a basic understanding of the manufacturing of methamphetamine
- Identify the equipment/ingredients utilized in the manufacturing process
- Identify the hazards of a methamphetamine laboratory



**Presenter: Special Agent Michael Kuehl** is an eight year veteran of the Illinois State Police. Agent Kuehl began his career at District One in Sterling, patrolling northwestern Illinois. He has served the Illinois State police as a field training instructor, an emergency medical response instructor, and as an Agent specializing in juvenile crimes. On May 1, 2005, Agent Kuehl transferred to the Methamphetamine Response Team, a unit designed to investigate, seize and dismantle clandestine methamphetamine laboratories.

### 4C Hexavalent Chromate: OSHA's Newest Health Standard Topic Level: Basic

This presentation will discuss OSHA's final rule on Hexavalent Chromium (CrVI). The standard became effective May 30, 2006 and all provisions, except engineering controls are now required to be in place if you have a workplace with potential Cr(VI) exposures.

#### Learning Objectives:

- Identify industries and processes where potential Cr(VI) exposures can be found
- Identify key provisions of the standard
- Discuss control methods



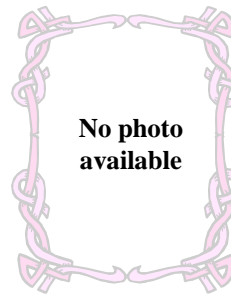
**Presenter: Nancy Nash** is an Industrial Hygienist in OSHA's Chicago North Area Office. Prior to joining OSHA in 2005, she worked as an Industrial Hygienist and Supervisor for the Illinois Onsite Safety & Health Consultation Program for 17 years. She holds a Bachelors degree in Chemistry from Barat College.

## 1D Communicating Effectively for Safety and Health Topic Level: Basic

Why is it that sometimes our communication works and sometimes it doesn't? Learn the fundamental elements of effective communication and how to use them immediately. Recognize when and how to change your communication in an instant when it is not working. Discover the secret of how to get someone to listen to you.

### Learning Objectives:

- Define and use the four C's of communication
- Identify the significance of the non-verbal aspects of communication
- Determine how to resolve conflict quickly and effectively



**Presenter: Laurie Wessels, MBA**, is the President of the Wessels Group, Inc., a company helping to create leverage for massive impact and sustainable effectiveness in organization performance. Laurie specializes in educating and coaching current and future leaders in the principles, practice and skills of successful and sustainable leadership and communication.

## 2D Effective Training Techniques Topic Level: Basic

In order to make safety training effective, the learner has to know "What's in it for him/her". That can be a challenge for adult learners. Not all adults learn from the same training techniques. This presentation will address the concepts of adult learning, types of learning, and types of learning techniques.

### Learning Objectives:

- Identify adult learning
- Identify transfer of training
- Identify type of training techniques



**Presenter: Lawrence J Sorensen** has 30 years of experience in manufacturing, training and environmental health and safety. While serving as Training Manager, he was involved in the development and subsequent rollout of the learning platform for the company's web-based training program which is used in eight languages world-wide. As Adjunct Professor, he has taught business and organizational behavior at the University of St. Francis, Benedictine University and DeVry Online University.

This session will involve OSHA's inspection process and specific safety audits conducted for a railway company to ensure compliance with OSHA.

**Learning Objectives:**

- List OSHA's inspection priorities
- Explain OSHA's inspection process
- Describe a typical private sector workplace audit or inspection



**Presenter: Terry Krug, MS, CIH, CSP** is Senior Training Instructor at OSHA National Training Institute.

Terry has had a varied and successful career as an OSHA Safety and Health inspector and OSHA Safety and Health Instructor. He has rounded out his career in private industry as Manager of Industrial Hygiene for ATSF Railway Co. and President of his own industrial hygiene consulting practice.

Terry is board certified in comprehensive practice by the American Board Industrial Hygiene and Board of Certified Safety Professionals. He is a professional member of ASSE, AIHA, various technical committees and currently Vice Chair of ANSI Z117.1 Safety Requirements for Confined Spaces.

How have some of today's women in the safety profession been successful? What are some of the challenges that women face within this industry?

Currently the White House Project has started an initiative for advancing women in all leadership positions. There are many activities that are leading women to lead women, fostering opportunities in the EHS field. Young women and women entering or reentering employment will be provided with insights from women that have several years of experience in EHS.

Meet with others who strongly believe that women considering and entering the profession require information, resources and encouragement; that women currently in the profession benefit from networking with their peers, and that seasoned professionals underscore their value by sharing their knowledge and thereby providing a bridge to the future.

The open forum will provide insights and suggestions for women to consider/continue to pursue the many opportunities in EHS. There will be time for attendees To ask questions and have additional discussions.

**Learning Objectives:**

1. Strengthen professional relationships;
2. Define the profession and how women can make significant contributions and
3. Use available resources to accomplish goals



**Panel Members:**  
**Linda Hiser**  
**Amy Gibson**  
**Mary Prisby**  
**Not Shown:**  
**Kelly Bernish;**  
**Linda Rhodes**

**Kelly Bernish**, in addition to serving as WISE Chair, Kelly is finishing her second term as ASSE Central Florida Chapter President.

Bernish is Director of Environmental, Health and Safety for SeaWorld Orlando, Discovery Cove and Aquatica. Duties include overseeing initiatives and compliance for employee and guest safety, ride safety, environmental practices, health and wellness, alarms and claims and litigation management.

**Amy Gibson** is a CSP with 31 years experience in petrochemical industry safety management. Since 1999 she has been the Manager of the Three Rivers Safety Center in Joliet, Illinois. Her responsibilities include training up to 13,000 students per year as well as conducting program reviews and offering safety program guidance to smaller companies. Prior to managing the Safety Center she did private consulting specializing in program management/OSHA VPP and "came up through the ranks" in her industry.

**Linda Hiser** has served the environmental health and safety community in the greater Chicago area for thirty years, primarily by linking EHS professionals to services that assist them in providing best value to their employers and the professional community. She currently serves as Secretary of the Northeastern Illinois Chapter (NEIL) of the American Society of Safety Engineers.

Linda is founder of Women in Environmental Management (WIEM), a networking venue for women in the environmental health and safety profession. WIEM provides a necessary link for women EHS professionals to share information and resources about the issues they face in this sensitive and rewarding area of business.

**Mary Prisby** transitioned from Quality into EHS early on in her career, and was supported by excellent company principals providing the tools to substantially build her career in the EHS profession. Mary has applied her B.S. in Chemistry and Masters in Environmental Engineering with PSM, IH, Safety and Environmental demands supporting her employers in chemical, pharmaceutical, food and the ASSE Three Rivers Chapter. She extends her EHS commitment to her family and neighbors.

**Linda Rhodes** earned a Bachelor of Science degree in Industrial and Systems Engineering from Ohio University and is a Certified Safety Professional. She has worked as an engineer, industrial hygienist and generalist safety professional, advancing environmental, health and safety initiatives, since 1987. She has worked at the Chicago Transit Authority since 2001 and currently serves as their General Manager, System Safety. Her active involvement with ASSE includes membership on the Diversity Task Force and the Finance Committee.

## 5A Machine Guarding

Topic Level: Basic

The presentation will cover the identification of hazards of machine operations. From there, options for guarding against employee exposures to the hazards will be discussed. The attendees will be exposed to the regulatory requirements for machine safe guarding and how to set up an effective program.

### Learning Objectives:

- Identify the type of mechanical motion and actions of machines, along with where mechanical hazards occur.
- Identify various options for machine guarding
- Identify regulator requirements for machine safe guarding.



**Presenter: Dennis Cesarotti, Ph.D** was one of the founding Principals of Aires Consulting Group, Incorporated. He has over thirty years of practical OSHA, health and safety experience in the industrial and manufacturing areas. In addition to his consulting work, he is an Associate Professor at NIU specializing in the safety program aspects of the Industrial Technology program.

## 6A Electrical Safety and NFPA 70E

Topic Level: Intermediate

The rising number of electrical injuries and deaths is staggering. OSHA is increasing their emphasis on safe electrical work practices. Experts in this field agree that the NFPA 70E *Standards for Electrical Safety Requirements for Employee Workplaces* provides the guidance necessary to reduce electrical accidents. This session will explore the requirements of 70E in a way only Mr. Wizard can provide. Bob will keep you “current” on electrical hazards and the proper ways to control them. Experience the snap & sizzle of electricity dropped into your lap. Learn the “why’s” of these electrical regulations through stunning and dramatic demonstrations of electrical faults and fires. If you have fond memories of a science teacher who made a subject come alive with excitement, then you will surely enjoy this class.

This course provides the participant with a basic understanding of safe work place practices. This course will review the NFPA 70 E April 2004 Edition, Chapter 1 and corresponding Article and annexes.



**Presenter: Bob LoMastro** is a former U.S. Army Green Beret, Navy Corpsman & Supervisor at the National Safety Council. He holds a Masters Degree in Safety Management & Engineering, and Bachelors Degrees in Business Administration, Nursing and Construction Engineering. As President of LoMastro & Associations, Inc., Bob draws upon a career spanning over thirty years of teaching safety and health related topics for health care, general industry and construction companies with his unique and dynamic style.

## 7A OSHA Discrimination Investigations - What Employers and Employees Should Know Topic Level: Basic

This presentation will provide an overview of the 14 Whistleblower Acts regulated by DOL-OSHA, and what Employers and Employees need to know when filing complaints of discrimination.

### Learning Objectives:

- Identify the requirements of the Whistleblower Acts regulated by DOL-OSHA
- Identify investigative procedures, activities and role of DOL-OSHA and the Whistleblower investigator.



**Presenter: Mary Ann Howe** has been with USDOL-OSHA for two years. She previously served 8 years with the State of Michigan as MIOSHA Investigator.

## 8A Forklift Safety – A Behavioral Coaching Approach Top Level: Intermediate

The Advanced Lift Truck Safety presentation covers best practices used to improve the training of new industrial vehicle operators and to reinforce safe behaviors among existing operators. The training series consists of components geared toward teaching safe principles, implementing the roles of Master Trainers and On-the-Job Coaches, and helping Managers and Supervisors incorporate coaching into their daily routine.

### Learning Objectives:

- Identify Essential Elements of a Successful Lift Truck Program
- Discover the ICON Principles
- Improve Lift Truck Training and Licensing Process



**Presenter Chuck Borman** is a safety professional with over 20 years of experience in a variety of industries. On a consistent basis, he has significantly reduced incident rates and workers compensation costs for organizations. Prior to joining Safety Management Solutions, he was the Corporate Safety Manager for Kellogg Snack's Manufacturing Division (previously known as the Keebler Corporation). Mr. Borman led the safety strategic-planning process and provided high-level counsel and guidance on regulatory issues. He was able to transform the safety and health culture through training and program implementation, targeting all levels and functions within the organization. Mr. Borman also was critical in developing best practices for safety management systems, regulatory compliance and claims management.

## 5B Mock OSHA Inspection

Topic Level: Basic

Are you prepared for an OSHA inspection? The Mock OSHA Inspection will provide a true to life example of what to expect during an OSHA inspection. This session is conducted by OSHA Compliance Officers from the Chicago North Area Office. A mock inspection of a construction site will cover the opening, walk-around and closing. An informal conference will be conducted showing what takes place and how the case can be settled. In addition to the mock inspection, this session will include a general discussion and question and answer period on OSHA compliance issues.

### Learning Objectives:

- Identify the inspection process
- Define your rights during an inspection
- Identify settlement options available to you after you receive the citations



### Presenters: John Maronic & Gary Weil

**John** has 17 years of experience in heavy manufacturing with Electro Motive Division of General Motors. He has 11 years of experience as a compliance office with the North Aurora OSHA Office. He served one year at the OSHA Region V Office in Technical Support, and has 8 years of experience as an Assistant Area Director in the Des Plaines OSHA Office.

**Gary** completed his B.S. and M.S. degrees at Northern Illinois University's College of Engineering and Engineering Technology, with an emphasis in Occupational Safety and Health and Industrial Management. Gary has 15 years of experience working for OSHA as a Safety and Health Compliance Officer. As a Compliance Officer, Gary conducts workplace inspections and accident investigations in construction and general industry.

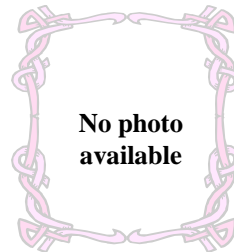
## 6B Excavation Safety

Topic Level: Intermediate

Review the safety requirements that underground contractors must be aware of to provide a safe workplace for their employees, along with a summary of the OSHA standards that apply to this type of work. Brief discussion of the UCA OSHA Partnership and the benefits for a member.

### Learning Objectives:

- Identify Trenching Hazards
- Locate OSHA Standards that apply to trenching
- Identify what an OSHA partnership offers a contractor



**Presenter Dave Soderman** has been involved with Construction Safety since 1979, and is currently the President/Owner of Safety Alliance, Ltd., a safety consulting company. Dave specializes in assisting underground contractors and heavy highway contractors. Dave also administers the OSHA Partnership for the Underground Contractors Association of IL (UCA).

Dave attended Wheaton College/University of Wyoming - Economics / Finance; he is a Safety Professional, OSHA Construction Outreach Instructor, Flagger instructor, First Aid/CPR Instructor, CAOHC, MSHA Instructor. Member of Underground Contractors Association of IL (UCA), NUCA, IRTBA (IL Road Builders), National Safety Council.

## 7B Scaffold Safety

Topic Level: Basic

This presentation will provide basic instruction regarding the hazards involved in scaffolding. The presentation will cover OSHA's General Requirements for Subpart L along with requirements to specific types of scaffolding that are frequently used in the area. In addition, training requirements for both scaffold users and erectors will be addressed.



### Learning Objectives:

- Recognize basic hazards involved with scaffolding
- Identify hazards specific to different types of scaffolding
- Identify training requirements for scaffold users and erectors

**Presenter: Jim Martineck** has been employed as a Compliance Officer with the U.S. Department of Labor – OSHA for over 10 years. He has been the Team Leader of the Construction Team for over 2 years. The Construction Team performs investigations on construction sites throughout the Chicagoland area, Southern Cook, Will and Kankakee Counties. Prior to his work at OSHA, he was employed for 8 years by a Safety, Health and Environmental Consultant. He holds a Bachelors Degree from Governor's State University in the field of Business Administration

## 8B Multi Employer Worksites

Topic Level: Advanced

This session presents a guide to multi-employer worksites from a general contractor's perspective and from OSHA's perspective. You will delve into a general contractor's mindset for creating practical relationships with subcontractors and OSHA to promote construction site safety. A question and answer session will follow.



### Learning Objectives:

- Identify and understand the relationships between OSHA, GC's and Subcontractors
- Recognize what the roles of contractors are on a multi-employer work site
- Garner a clear picture of the Controlling Employer principle
- Discover safety gaps in the GC – Subcontractor relationship

**Presenters: James McInerney, CSP & Joshua Moore, CSP**

**James** holds a B.S. in Occupational Safety from Illinois State University. With 12 years of industry experience, Jim has directed safety on more than \$2 billion in projects for Leopardo Construction. Jim manages projects ranging from high-rise condominiums to intensive care units in hospitals. As a result of his leadership, Leopardo Construction has earned the prestigious Safety Excellence Award from the BAGC.

**Joshua** holds a Bachelors Degree in Safety from Illinois State. He worked as a safety consultant for a multitude of construction contractors for approximately 2 years before joining OSHA. After 4 years, Josh is now the Assistant Area Director of the response and construction teams. Josh is a Certified Safety Professional, an Occupational Safety and Health Technologist and a Certified Fire Protection Specialist.

Topic will discuss supervisor potential personal civil and criminal liability under state and federal law.

**Learning Objectives:**

- The potential liability for personal monetary judgment
- The potential liability for criminal prosecution
- The actions that can be taken to avoid such liabilities and prevent workplace accidents



**Presenter: Mark A. Lies, II** holds a B.A. from the University of Notre Dame (1968), and a J.D. from DePaul Law School (1974). Mark was a U.S. Navy Officer, serving in Viet Nam 1968-1971.

There are three methods to reduce noise exposure: engineering noise reduction, administrative controls, and hearing protection devices. This session will discuss each of these approaches by outlining ways in which noise reduction can be engineered, explaining how to assess the benefit of reducing exposure duration, and showing you how to determine if hearing protection is adequate by measuring the actual noise reduction achieved by the protectors your employees wear.

**Learning Objectives:**

- Discuss the source-path-receiver concept of engineering noise control
- Outline what type of controls work best for which type of noise conditions
- Estimate the reduction of noise achieved from a reduction of exposure duration
- Differentiate the threshold and objective methods in determining the personal attenuation rating of employee hearing protection.



**Presenter: Dr. Thomas Thunder** is an audiologist and board certified acoustical engineer. After obtaining his Masters Degree from Northern Illinois University, Tom completed post-graduate training in acoustics at the Illinois Institute of Technology. Later, he obtained his doctoral degree from the PCO School of Audiology. On staff at Northern Illinois University, Tom also teaches courses in acoustics, psychoacoustics, hearing science, forensic audiology, noise, and hearing conservation at Rush University and the PCO School of Audiology in Philadelphia. Tom is a member of the American Academy of Audiology, the National Hearing Conservation Association, and the Acoustical Society of America. He is a past-president of the Illinois Academy of Audiology and of the Chicago Regional Chapter of the Acoustical Society.

## 7C Understanding Chemical Hazards: From Drain Cleaners to Nanoparticles

Topic Level: Basic

How do chemicals get into the body? What happens when they do? What makes one chemical more hazardous than another? This session will cover the basics of industrial toxicology, using example chemicals everyone is familiar with (such as drain cleaners). It will also introduce you to the subtle hazards of advanced materials becoming common in every workplace, such as epoxy resins, isocyanates, and nanoparticles. The session will include a workshop where participants will learn how to obtain and apply practical toxicology information.

### Learning Objectives:

- Identify basic toxicology terminology
- Review and use MSDS hazard information
- Find and apply additional chemical hazard information



**Presenter: Dr. Theodore J. Hogan** teaches at Benedictine University. He has taught graduate courses in industrial hygiene, industrial toxicology, risk assessment, and disaster management for 25 years. Formerly the corporate head of safety and industrial hygiene for ComEd, Dr. Hogan currently consults on industrial exposures to chemicals, and on large-scale environmental exposures to chemicals.

## 8C Beyond Enforcement: Compliance Control for Food Safety

Topic Level: Intermediate

While enforcement is a critical part of industrial hygiene, it is not always the most effective way to accomplish the task. In this presentation, techniques adapted from learning theory, behavioral and social psychology will be surveyed as ways of bringing operators into compliance.

### Learning Objectives:

- Identify and describe the primary concepts of compliance control in various situations
- Identify and calibrate sub-modalities in conversations in the workplace
- Use common sensory triggers to increase performance



**Presenter: Steven Lipton** is President of Biotest Services Inc., and has worked in Environmental Health for over 15 years. He has done consulting, training and auditing of food manufacturers and food service facilities in six states. He received his LEHP in 1993 and has been CFSP through NEHA since 1999. He received a Master's in Education from Loyola University in Chicago.

## 5D Hazard Analysis Techniques in Construction

Topic Level: Intermediate

Hazard Analysis and Failure Mode Effect Analysis are proven processes for identifying and controlling operating hazards and costs. This presentation focuses on the use of these tools as a way to identify hazards, plan controls, and quantify effects in a construction setting. Discussion will cover the process implementation, results and issues experienced.

### Learning Objectives:

- Identify and use the provided format(s) to develop a JHA & FMEA
- Use the JHA & FMEA to develop Site-Specific Safety Plans
- Identify the relationship of planning & productivity



**Presenter: Stephen M. McCabe** has been the Director, Risk Management for nine years. He has developed a worker safety program that has reduced losses by over 80%. Mr. McCabe has spoken on Construction Safety at the World of Concrete, American Society of Safety Engineers, Construction Safety Council, and Construction Safety Association, and has addressed other groups as well.

## 6D Risk Management for Safety & Health Professionals

Topic Level: Intermediate

Safety and health programs impact employers beyond regulatory compliance. Failure to address key risk management elements can reduce your effectiveness and ultimate success in your career. This presentation will address effective methods to improve your success and gain credibility in managing risk.

### Learning Objectives:

- Define Risk Management Principles
- Identify opportunities to improve safety performance
- Create a Risk Mitigation Plan



**Presenter: William Crimmins** earned his BS in Industrial Technology, majoring in Occupational Safety and Health at Illinois State University. He holds his CSP designation, is an OSHA Authorized Outreach Instructor, and has 22 years of experience working with clients in the construction, public entity, manufacturing, medical and transportation industries.

## 7D Health Care & OSHA: Beyond Bloodborne Pathogens

Topic Level: Basic

This presentation will compare JCAHO and OSHA standards, and will help the participant understand compliance issues of both. It will also help participants understand the need to look beyond bloodborne pathogens and needles, and focus on all hazards in health care.

### Learning Objectives:

- Evaluate hazards in health care settings
- Identify how OSHA standards help with JCAHO compliance
- Compare OSHA and JCAHO



**Presenter: Mike Hartz** has worked as a Safety Officer with the University of Illinois Medical Center for 13 years. He is a Registered Professional Industrial Hygienist and owner of Creekside Safety Services. Mike is a member of the ANSI Z-244 committee and a member of the UL publications review committee

## 8D OSHA's Most Frequently Asked Recordkeeping Questions

Topic Level: Intermediate

Have you ever had an OSHA recordkeeping question? Have you wondered which days away from work count? Do you need to record the injury of the employee who falls in the parking lot? What is meant by the term first aid? In this presentation, we will review the requirements of OSHA's recordkeeping standard as well as explore the most frequently asked questions concerning the recording of work-related injuries and illnesses.

### Learning Objectives:

- Determine if you need to keep OSHA Injury and Illness records
- Determine if an incident is recordable
- Answer the most common OSHA recordkeeping questions



**Presenter: Nancy Hauter** is a Compliance Assistance Specialist with OSHA's Chicago North Area Office. She has been with OSHA for 20 years. In that time, she spent three years as a Compliance Safety and Health Officer in the Calumet City Area Office. In 1990, she became an industrial hygiene training instructor at OSHA's National Training Institute in Arlington Heights, Illinois. She has been a compliance assistance specialist since 2005. She holds a Bachelors of Science Degree in Biology from Purdue University.

## 9A Basic Life Support/CPR and First Aid

Topic Level: Basic

The National Safety Council (NSC) is a non-profit organization devoted to educating people in the prevention of accidental injury and death. The NSC's Standard First Aid and CPR course will train you how to protect life and promote health. The course covers breathing and cardiac Emergencies in adults, identifying and caring for bleeding, sudden illnesses, and injuries, and preventing disease transmission. The session also gives a brief introduction to automated external defibrillators (AED).

### Learning Objectives:

- Identify when basic life support (BLS) is needed
- Demonstrate how to give CPR to an adult
- Demonstrate how to give First Aid



**Presenter: Jennifer Schuster, MS, CIH, CSP**, is a 1986 graduate of Northwestern University and earned a Master of Science degree in Materials Science and Engineering. She holds a BS degree in Chemistry from Butler University in Indianapolis, Indiana. In her current role, Ms. Schuster manages the FRA occupational safety and health program for two regions which encompass 10 states. She has extensive experience in the occupational health and safety discipline, conducting accident/injury investigations, industrial hygiene surveys and safety training. Prior to her federal government work, she spent 16 years working as an industrial hygienist in private industry or consulting.

## 9B Work Zone Safety: The Best Training & Information is Free

Topic Level: Intermediate

Each year, nearly 1,100 people die because of incidents in roadway construction zones. Approximately 130 of them are workers, the remainder are motorists and passengers. This session will review the complex nature of roadway work zone safety and discuss the sometimes "conflicting" safety goals of contractors, traffic engineers and motorists. The presenter will also provide information and free safety training resources that have won national acclaim.

### Learning Objectives:

- Identify why roadway construction is different and more dangerous than other types of construction
- Describe the need for roadway owners, contractors and users to communicate about safety goals and work cooperatively to achieve them.
- Use new safety training materials to educate workers and supervisors on how to recognize and avoid the hazardous conditions that are most likely to occur.



**Presenter: Bradley Sant** is the vice president of safety and education for the American Road & Transportation Builders Association where he oversees regulatory activities, grants, education, and the National Work Zone Safety Information Clearinghouse. Previously, Brad served as director of hazardous materials training for the International Association of Fire Fighters; and director of safety and health for the Building and Construction Trades Department, AFL-CIO. Brad also serves as Vice Chairman of the Safety Equipment Institute. He graduated cum laude from Utah State University and earned a law degree from Georgetown University Law Center in Washington, D.C. He speaks Spanish fluently.

## 9C Safety Pays – Developing Your Program and Determining Your Return on Investment (ROI)

Topic Level: Advanced

The need to develop a successful safety program is always discussed. However, how to build your program and methods to measure the financial benefits and results from your program are the focus of this presentation. Learn to present the financial benefits of a safety program.

### Learning Objectives:

- Measure the success and value of a safety program
- Develop the required components of a successful safety program
- Present the financial benefits of a successful safety program



**Presenter: Stephen M. McCabe** has been the Director, Risk Management for nine years. He has developed a worker safety program that has reduced losses by over 80%. Mr. McCabe has spoken on Construction Safety at the World of Concrete, American Society of Safety Engineers, Construction Safety Council, and Construction Safety Association, and has addressed other groups as well.

## 9D Advanced Machine Guarding

Topic Level: Advanced

This presentation will cover safety requirements and applications of safeguards commonly used in industry today.

### Learning Objectives:

- Identify hazards on and round machines
- Apply machine safeguarding requirements
- Apply basic electrical requirements for all machines



**Presenter: Denny Ebens** is a member of several ANSI B11 series safety committees for machine tools. He has worked in the machine safeguarding business for the past 36 years.

## 10A Basic Life Support/CPR and First Aid

Topic Level: Basic

Continuation of 9A

## 10B Safety & Health Program for the Small Contractor

Topic Level: Basic

To give managers/supervisors/employees the tools and understanding of how to be more effective in managing safety and health at the jobsite.

### Learning Objectives:

- Identify organizational development in safety & health responsibilities
- Evaluate & maintain safety performance
- Obtain self-sufficiency & become an industry leader



**Presenter: Mary Leikness** began her OSHA career as a compliance officer in Madison, Wisconsin in 1987. She was a lead team member in the development of the Wisconsin 200 Program, a Cooperative Compliance Program which successfully reduced Workers' Compensation rates of the top 50 companies covered under the target program by 35% in one year. In 1997 she moved to the Chicago area as an instructor for the OSHA Training Institute. Some of the courses she chaired included: Legal Aspects; Accident Investigation; and Safety and Health Program Management. Prior to her returning to the field as a compliance officer in the North Aurora Area Office in 2005, she was a program analyst managing federal grants provided to state OSHA Consultation Projects for the OSHA Region V Office in Chicago.

## 10C

### O'Hare Fire Safety Field Trip 12:30 pm - 4:00 pm.



Visit the Fire Training Center at one of the world's busiest airports and see how the fire department trains for a worst case scenario. Go behind the scenes and discover how modern technology is used to create and control hazards so firefighters can stay safe while learning to use their state-of-the-art equipment to save lives and property. Explore the full scale mockups of planes used to practice rescue and firefighting techniques.

## 10D Controlling Warehouse Hazards

Topic Level: Intermediate

What is the cause of your company's injuries? If you answered manually handling product, then you are not alone. This session will explore the risk factors for injury, how to analyze the hazards and how to develop solutions. Discuss how job design can affect worker productivity. Come with questions about your ergonomic issues.

### Learning Objectives:

- Identify and correct serious hazards and prevent accidents
- Analyze ergonomic hazards
- Develop solutions for ergonomic problems
- Identify elements in an ergonomic program
- Implement site-specific forklift and dock safety programs
- Exchange information and best safety practices with other attendees



### Presenters: Misette Kohbler & Dana L. Root

**Misette** is a Compliance Officer with OSHA's Aurora Area Office. Since joining OSHA in 1991, she has conducted several inspections in warehouses, including Investigations of forklifts and dock accidents and fatalities. Misette contributed to the development of OSHA's Region V Powered Industrial Vehicle Local Emphasis Program and is committed to helping employers implement effective safety and health programs.

**Dana** has worked as the OSHA Region V Ergonomic Coordinator for five years. Prior to joining OSHA, she had over 15 years of ergonomic experience and consulting with business and industry. Currently, she addresses ergonomic issues through training assistance, compliance assistance and compliance enforcement. She has performed over 300 field inspections ranging from computer workstation evaluations to warehousing inspections. She has presented ergonomic topics at national conferences.



## SHARP/VPP Conference

*Are You Star Quality?*



### **Michael Connors**

Regional Administrator – OSHA Region V

Michael Connors began his career with the Occupational Safety and Health Administration (OSHA) in 1975 as an Industrial Hygienist in the Cincinnati, OH Area Office.

Mr. Connors holds a Master of Science in Industrial Hygiene/Environmental Health from Kettering Lab, University of Cincinnati in Cincinnati, Ohio. He is also a certified CIH.



### **James C. Dillard**

OSHA Region V VPP Construction/Partnership Manager

Employee of OSHA for 19 years: Safety Specialist in National Office (1988-1994), Compliance Safety and Health Officer in Calumet City, IL Area Office (1994-1998) and Chicago North Area Office (1998-2001); Compliance Assistance Specialist [Chicago North] (2001-2005); Safety Specialist, Baton Rouge, LA Area Office (2005-2007); OSHA Region V VPP/Partnership Construction Manager since 01/07. Awarded BS Degree in Public Safety/Industrial Safety in 1986, Virginia Commonwealth University, Richmond, VA.



### **Betty Hinch**

Editor, Douglas Publications

Since 1996, Betty Hinch has served as editor of *Compliance Magazine*, which recently expanded its editorial content into the HR industry, creating *Workplace HR & Safety* magazine. In addition to editing the print version magazine, she has participated in the launch of new publications and online products. She previously was the managing editor of *Human Resource Management News* and *Recruiting Trends* newsletters. Hinch serves on the boards of the Institute for Safety and Health Management and the National Center for Construction Education and Researching. She is also a board member of the American Society of Business Press Editors, and she served as president of Chicago Women in Publishing in 1999. She holds a degree from DePaul University.





# SHARP/VPP Conference

## Are You Star Quality?

### David Kramer

Program Manager - Onsite Safety & Health Consultation Program, IL DCEO



Since April, 2004, David Kramer has served as Program Manager for the On-Site Safety and Health Consultation Program housed within the Illinois Department of Commerce and Economic Opportunity (DCEO).

Mr. Kramer's began his career with the state of Illinois in 1977. He worked for the Illinois Environmental Protection Agency in the Air Pollution Bureau then moved to the Department of Energy and Natural Resources and worked with the Division of Energy. This Department was reorganized in 1995 and that division moved to DCEO.

Mr. Kramer has a Bachelor's degree from Purdue University and a Master's degree from South Dakota State University. His first professional position was a Geotechnical Engineer for a private firm from 1974 through 1976.

### Nancy Mugavero

OSHA Region V VPP Manager – General Industry.



Nancy has been with OSHA since 2002 and is current responsible for the Voluntary Protection Programs. Nancy has been a Compliance Safety and Health Officer, Industrial Hygienist and has worked on the Strategic Planning Team and then the Construction Team at the Chicago North Area Office. Prior to OSHA, Nancy was with the U.S. EPA Region V Air and Radiation Division for over 11. She holds a Bachelor's of Science Degree in Biology from the University of Illinois at Chicago and a Master's of Public Health Degree, Environmental and Occupational Health Sciences from the University of Illinois at Chicago School of Public Health.

### John Newquist

Assistant Regional Administrator  
Cooperative and State Programs  
Region V



John Newquist began his career with the Occupational Safety and Health Administration (OSHA) in 1983 as a CSHO in the Aurora.

Mr. Newquist holds a Master of Science in Industrial Management from NIU in Dekalb, IL, and a Bachelor of Science in Fire Protection and Safety Engineering from IIT in Chicago, IL. He is also a certified CSP.





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### **Leslie Peterson**

Motorola

Leslie is the Manger of Environment, Health and Safety for Motorola in Schaumburg, IL. She also serves as an OSHA Special Government Employee (SGE) evaluating companies for entrance/ continued participation in the Voluntary Protection Program.



### **Paul Seidlitz**

Onsite Safety & Health Consultation Program, IL DCEO

Paul is an occupational safety consultant/trainer with the Illinois Onsite Safety and Health Consultation program. He is a Registered Professional Nurse with over twenty years experience as safety director in health services and retail industries. A retired Colonel, US Army, Paul functioned as a general duty nurse and training officer. Paul has published numerous articles on safety related subjects and is a featured speaker for many national conferences and workshops.



### **Mica Torricelli**

Onsite Safety & Health Consultation Program, IL DCEO

Ms. Torricelli has been with the IL Onsite Consultation Program for 10 years. For 7 years she worked as an Industrial Hygiene Consultant specializing in nursing homes and silica exposures. Ms. Torricelli has been the Industrial Hygiene Supervisor for 3 years and simultaneously runs the Safety and Health Achievement and Recognition Program for the Consultation Program.

