

Session M1-T1

Monday and Tuesday, September 21 – 22, 2015

8:30 am – 4:30 pm Monday

8:30 am-11:45 am Tuesday

Basic Level

OSHA 10-Hour for General Industry

Paul Seidlitz, R.N.

Consultant

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Paul Seidlitz is recently retired as a Consultant/Trainer with the Illinois Onsite Safety and Health Consultation Program. Paul continues in private practice conducting interactive training for numerous employers. Paul is a Registered Professional Nurse with over 20 years experience as a safety director in health services and retail industries. A retired Colonel, U.S. Army, Paul functioned as a general duty nurse and training officer. Paul is an authorized OSHA Outreach Trainer.

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Topic/Presentation Synopsis:

Participants are on their way to becoming self-sufficient as they will be able to: locate and apply OSHA standards, policies and procedures to supplement an on-going safety and health program; identify major requirements of the OSHA Standards, as well as use the appropriate corrective action to make your operation safe and more productive. After attending the course, participants will receive the OSHA 10-hour card for General Industry. This class covers a full two days.

At the end of this presentation, the participant will be able to:

1. Apply specific OSHA standards, policies and procedures to the workplace.
2. Identify common OSHA violations and propose corrective actions.
3. Use OSHA regulations to establish or supplement an effective safety and health program.

Session M2-T2

Monday and Tuesday, September 21-22, 2015

8:30 am – 4:30 pm Monday

8:30 am – 11:45 am Tuesday

Basic Level

**OSHA 10-Hour for General Industry
Spanish**

Mery Sennett

Ideal Safety Communication, Inc

: 7223 South Route 83 – 197 – Willowbrook, Illinois 60527

Phone Number: 630-699-1301

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Mery Sennett is the president of Ideal Safety Communication, Inc. Her business helps companies with bilingual workplace safety and consulting. (English / Spanish)

Mery is an authorized Outreach OSHA Trainer for general industry, with more than 21 years of experience in Occupational Health and Safety. She holds a Master of Science in Chemistry and Master of Arts in Curriculum and Instruction. She is a recognized speaker and a trainer in various manufacturing companies in Mexico and the U.S. She has extensive experience working in manufacturing, service, and contract research and development environments. Her experience ranges from creating compliance safety and environmental manuals to implementing and delivering training. She has trained over 5,000 people of different backgrounds. She is the past President of Three Rivers ASSE Chapter, and volunteers for the ASSE Safety Youth Leadership Conference and for community organizations.

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Topic/Presentation Synopsis:

Learn the fundamentals of OSHA regulations. Identify hazards associated with the workplace and provide corrective measures for hazards in the workplace.

After attending the course, participants will receive the OSHA 10-hour card for General Industry.

At the end of this presentation, the participant will be able to:

1. Develop safety awareness in the workplace
2. Identify and correct hazards in the workplace
3. Incorporate new knowledge into EHS work practices

Session M3-T3

Monday and Tuesday, September 21 – 22, 2015

8:30 am – 4:30 pm Monday

9:30 am – 11:45 am Tuesday

Basic Level

OSHA 10-Hour for Construction Industry

Paul Satti,

Technical Director

Construction Safety Council

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Phone Number: 708-449-8600

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Paul is the Technical Director for the Construction Safety Council where he's in charge of the daily execution of classes and provides technical information to the industry. For the past 20 years, Paul has been delivering high quality safety seminars on mobile crane management and other related topics.

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Topic/Presentation Synopsis:

This 10 Hour construction safety course was developed by the US Department of Labor to provide construction workers, supervisors, and other personnel responsible for construction activities with an awareness of construction safety and health concerns in the construction industry. All attendees will become familiar with reading and using the OSHA Standards for Construction 29 CFR 1926. Other construction safety and health standards are also discussed. Attendees receive an update and review of standard construction safety and health principles, and information that prepares them to recognize and control a variety of hazardous conditions. An OSHA card, certificate of completion and hardhat sticker will be issued.

At the end of this presentation, the participant will be able to:

1. Apply specific OSHA standards, policies and procedures to the workplace.
2. Identify common OSHA violations and propose corrective actions.
3. Use OSHA regulations to establish or supplement an effective safety and health program.

Session M4

Monday, September 21, 2015

8:30 am – 10:00 am

Basic Level

**An Environmental Sampling Premier
AKA Environmental Sampling for Dummies**

Mark J Knight

Principal

Arrow Consulting Group, LLC

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Mr. Knight is a Principal with the environmental services firm, the Arrow Consulting Group, LLC. He has managed assignments involving agency negotiations, major RCRA, CERCLA & TSCA programs, remediation and conservation projects and has provided litigation support. He has Environmental Sciences degrees from Aurora University (B.A.) and Miami University (M.En.).

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Topic/Presentation Synopsis:

Industrial Hygienists, Safety Professionals and Environmental Compliance Specialists have all collected samples of air, water and materials to protect personnel, determine the safety of work areas and conform with permit requirements. However, HSE professionals may not be familiar with the protocols employed during the investigation of soil, waste and groundwater. This seminar will provide HSE professionals an overview of the theories and sampling techniques employed during assessments and RCRA and CERCLA field investigations.

At the end of this presentation, the participant will be able to:

1. Develop a working knowledge of the soil, sediment, waste and groundwater sampling techniques employed during environmental assessments, State voluntary cleanup programs, and Federal RCRA and CERCLA field investigations.
2. Employ that knowledge to better understand site assessment and field investigations being conducted at your facilities.
3. Understand the results of these investigations and be better equipped to work with consultants and regulators.

Session M5

Monday, September 21, 2015

8:30 am – 10:00 am

Intermediate

Pre-Planning with Emergency Services

Kevin Lyne

Urban Search and Rescue Operations Branch Chief

MABAS - Illinois

233 W. Hintz Road, Wheeling, IL 60090

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Kevin Lyne has been in the fire service for more than 29 years, most recently as the Division Chief for the Naperville, Illinois Fire Department. He is a fire service instructor specializing in Rescue Operations including Confined Space Rescue. He is now the Operations Chief for Illinois Urban Search and Rescue Team.

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Topic/Presentation Synopsis

Several sections of the OSHA standards require pre-planning with emergency services, evaluation of designated rescue services, and the opportunity for rescue services to practice in the areas where rescue may be required. Yet more often than not, employers simply list the local fire department as their rescue service without ever speaking to the department. This presentation will help employers talk to their local emergency services including what to ask the fire department, what the fire department needs to know about the operation, and how to know if the department is not only able but available to perform rescue services.

At the end of this presentation, the participant will be able to:

1. Recognize areas in their operation where emergency services may be needed
2. Evaluate their local emergency services for providing rescue.
3. Have an open and honest discussion of rescue needs and services with their local emergency service providers.
4. Honestly tell employees and OSHA that rescue services are available.

Session M6

Monday, September 21, 2015
8:30 am – 10:00 am
Basic Level

**RCRA 101
RCRA for the Plant Environment**

Martin Hamper
GZA GeoEnvironmental, Inc.
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Mr. Hamper has more than 30 years of experience focusing on environmental investigation, remediation, emergency response, safety, health, hydrogeology permitting, and compliance matters. He has performed a wide range of assignments in many industries including chemical, petroleum, primary and secondary metals, manufacturing, rail, pipeline, and waste management. Mr. Hamper has provided expert testimony on hazardous waste characterization, environmental compliance, groundwater flow, contaminant transport, cost recovery, and remediation

Topic/Presentation Synopsis:

An overview of hazardous waste regulations will be provided with specific emphasis on generator requirements: waste analysis, container management practices, satellite accumulation, etc. Participants' new to environmental compliance will receive a good introduction to the RCRA program. Experienced environmental managers can include this presentation as part of their annual RCRA training program. RCRA regulates the "cradle-to-grave" management of hazardous wastes. This presentation will also discuss the Federal and State relationship, how RCRA manages wastes and other substances, and RCRA's role in the cleanup of historic pollution problems.

At the end of this presentation, the participant will be able to:

1. Understand the basic statutory, regulatory, permitting and enforcement structure of RCRA.
2. Understand how RCRA may affect not only waste management but also cleanup.
3. Apply RCRA regulations to day to day operations

Session M7

Monday, September 21, 2015

8:30 am – 4:30pm

Intermediate Level

**Ventilation Standards, Principles and Specific Applications
Including Industrial and Health Care Settings**

Salvatore Cali

Instructor, Research Industrial Hygienist

University of Illinois at Chicago

SPHW, 2121 West Taylor St, Chicago, IL 60612

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E-mail: scali@uic.edu

Salvatore Cali, MPH, CIH, is an instructor, and research industrial hygienist at University of Illinois at Chicago. He has 24 years of experience in exposure assessments and research involving indoor air quality, infection control, healthy homes, ambient air, water quality, and hazardous substances. He is also an instructor in academic and continuing education courses.

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Topic/Presentation Synopsis:

This presentation will review standards for ventilation configurations, physical principles that form the basis for the standards, and special applications. Configurations may be defined by physical dimension and shape, pressure relative to adjacent areas, air changes per hour, fresh air supply and/or air flow, duct configuration and velocity, capture velocity and other variables. These principles will be reviewed in an interactive, problem-solving format. Attendees should be prepared to perform basic ventilation calculations.

Topic Objectives: At the end of this presentation, the participant will be able to:

1. Identify the scope & relevance of certain ventilation standards.
2. Describe basic ventilation principles.
3. Use ventilation terminology and visual representations of ventilation configurations.
4. Define the purpose of specific ventilation applications in a variety of industrial and health care settings.

Session M8

Monday, September 21, 2015

10:15 am – 11:45 am

Intermediate Level

Workplace Exposure Guidelines: Not Just a Number

Theodore J. Hogan, PhD, CIH
Assistant Professor
Northern Illinois University
Technology, DeKalb, IL
Phone Number: 815-753-9912
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Dr. Hogan teaches EHS at Northern Illinois University, (since 2011) including toxicology, safety, and sustainability courses. He has consulted with over 400 entities since 1990, including: manufacturing, construction, chemical, educational, utilities, and hospitals. He was corporate head of safety and industrial hygiene for ComEd in the late 1980's. Ted has contributed to three editions of the NSC Fundamentals of Industrial Hygiene. He is a member of the ACGIH[®] Threshold Limit Values Chemical Substances Committee, but is not speaking as a representative of the ACGIH[®] or the TLV[®] Committee.

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Topic/Presentation Synopsis:

What is a "safe" level of chemical exposure? Who decides, and what is the basis for the "number"? Why are there different exposure guidelines and standards for the same chemical? How should they be applied? Attendees will be able to understand, interpret, and properly apply different types of exposure guidelines and standards. Attendees will analyze the scientific basis for a specific exposure guideline to understand how and why guidelines are more than just a "number". This will be a skills-based learning workshop, not a lecture.

At the end of this presentation, the participant will be able to:

1. Identify the proper use and limitations of exposure guidelines
2. Understand why there are different types of exposure guidelines
3. Apply the appropriate guidelines for a specific exposure situation
4. Find and interpret the underlying scientific bases of exposure guidelines

Session M9

Monday, September 21, 2015

10:15 am – 11:45 am

Basic Level

Politics of Ground Zero-Politics, Ego, Turf

Michael J. Fagel, PhD., CEM

Critical Infrastructure-Homeland Security Analyst Argonne National Laboratory

Instructor at Illinois Institute of Technology, Northern Illinois University

Aurora Safety

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Dr. Fagel has been involved in safety for over 40 years
Industrial Safety Director in OSHA VPP Program beginning in 1988-Current
Former FEMA Federal Safety Officer
DHS Critical Infrastructure Analyst
Homeland Security Instructor at several Universities (IIT-NIU-AU-COD)

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Topic/Presentation Synopsis:

Review of the events as they unfolded at the scene of the largest terror attack on US Soil in 2001.
Discussion of all of the various agencies and roles of integration, response and recovery as the catalyst to the formation to the Department of Homeland Security in March of 2003.

At the end of this presentation, the participant will be able to:

1. Identify the risks associated to safety during a major disaster
2. Use historical perspectives to develop an overall ESH program during a localized crisis
3. List the major steps that are utilized while an event of this magnitude is unfolding
4. Use the knowledge gained from this presentation to better prepare for an event at your facility

Session M10

Monday, September 21, 2015

10:15 am – 11:45 am

Basic Level

EHS Professional, Sustainability Matrix and Wall Street

Kate Schrank

Founder and CEO

Sustainability Partners Inc.

1750 W. Ogden, No. 2886, Naperville, IL. 60567

Phone Number:630-363-1133

E-mail:kate@sustainabilitypartnersinc.com

Kate Schrank is an ESG analyst and former corporate environmental lawyer with 20+ years of diversified, cross-industry experience. As a sustainability strategist, she helps companies make sense of sustainability metrics - or environmental, social and governance (or “ESG”) data - to drive business value and strategy.

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Topic/Presentation Synopsis:

At the end of this presentation, the participant will be able to:

1. Explain to others how your corporate environmental data makes its way to data terminals used by institutional investors around the world;
2. Identify how key environmental metrics, once disclosed, allow for corporate benchmarking; and
3. Help your corporate sustainability team choose environmental metrics that have value in the capital markets.

Session M11

Monday, September 21, 2015

1:15 pm – 4:30 pm

Intermediate Level

**The Proposed ISO 45001 Standard Impact on the Industry
and the OSH Profession**

Timothy R. Fisher, CSP, CHMM, ARM, CPEA, CAE
Director, Practices and Standards
American Society of Safety Engineers (ASSE)
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Tim serves as liaison to the ASSE Council on Practices and Standards (CoPS), and to provide managerial support in the overall administration and operation of the technical aspects of CoPS related programs and services for members and non-members. Addresses technical SH&E issues related to ASSE and the practice of the profession.

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Topic/Presentation Synopsis:

The recent tragedies at garment factories in Bangladesh have highlighted the need to do more to assure global worker safety and health. ISO is developing a global occupational health and safety (OH&S) standard intended to provide effective, real-world solutions for worker safety. ANSI and ASSE are working together to engage U.S. stakeholders in this effort. This standard is going to have global impact on SH&E management in a wide variety of businesses and industries. This presentation will explore the proposed ISO 45001 Standard and how it can be used in the petrochemical industry.

Attendees will learn about this standard, its implementation, and its possible impact on industry and OSH profession.

At the end of this presentation, the participant will be able to:

1. Understand the requirements of the standard
2. Understand the process and schedule for completion
3. Consider implementation strategies
4. Appreciate potential impact on industry and the OSH Profession
5. Understand ASSE's role in the process
6. Realize the necessity to start planning now
7. Help your corporate sustainability team choose environmental metrics that have value in the capital markets.

Session M12

Monday, September 21, 2015
1:15 pm – 2:45 pm
Intermediate Level

OSHA Electrical Safety

Michael Serpe, BSEM, CSP
President
SafetyFirstna, Inc.
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Michael Serpe, BSEM, CSP is President of SafetyFirstna, Inc. a Chicago-based safety and health consultancy. He is a Certified Safety Professional, and holds an engineering degree from the University of Illinois. Formerly, Mr. Serpe was the Corporate Director of EHS at Klein Tools, Incorporated. He is a member of the ASSE.

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Topic/Presentation Synopsis:

This presentation will cover OSHA requirements for electrical safety, frequently cited violations, basic electrical concepts, the effects of electricity on the body and safety-related work practices.

At the end of this presentation, the participant will be able to:

1. Identify common OSHA electrical violations
2. Describe electrical concepts such as grounding
3. Explain the effects of electricity on the body
4. Discuss OSHA Safety-Related Work Practices

Session M13

Monday, September 21, 2015

1:15 pm – 4:30 pm

Intermediate Level

Fatigue, Light and Safety Issues in General Industry and Construction

Dr. William Mills
Assistant Professor
Northern Illinois University
Dept. of Engineering Technology
Phone Number: 815-753-5366
E-mail: wmills11@niu.edu

Dr. Mills is currently an Assistant Professor in the Department of Engineering Technology at Northern Illinois University where he teaches courses on ergonomics and human factors, among others. He has over 30 years of experience in environmental, health and safety, chemical processes, and advanced technologies issues.

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Topic/Presentation Synopsis:

Fatigue is a major safety concern in many fields, but has received less attention in the Construction field. The workshop aims to inform attendees on the science behind fatigue and humans and how this can negatively affect safety. Information will be provided on how to mitigate the impacts of safety on operations.

At the end of this presentation, the participant will be able to:

1. Understand biological basis for Circadian Rhythms
2. Understand the human body organs which regulate circadian rhythms
3. Understand the implications from the scientific studies regarding human performance and fatigue
4. Recognize situations in which measures to address fatigue may be required
5. Understand the elements that need to be included in a Fatigue Risk Management Plan
6. Have a better understanding and appreciation for the human limitations due to fatigue.

Session M14

Monday, September 21, 2015

3:00 pm – 4:30 pm

Intermediate Level

Arc Blast/Flash Safety

Michael Serpe, BSEM, CSP
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Michael Serpe, BSEM, CSP is President of SafetyFirstna, Inc. a Chicago-based safety and health consultancy. He is a Certified Safety Professional, and holds an engineering degree from the University of Illinois. Formerly, Mr. Serpe was the Corporate Director of EHS at Klein Tools, Incorporated. He is a member of the ASSE.

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Topic/Presentation Synopsis:

This presentation will provide an overview NFPA 70E ‘Standard for Electrical Safety in the Workplace. We will cover Arc Flash and Blast hazards, the nature of these hazards and how they can occur. We will discuss determining the degree of hazard, and appropriate personal protective equipment to be worn. We will review essential elements of an electrical safety program.

At the end of this presentation, the participant will be able to:

1. Identify the components of an arc blast event
2. Describe how arc explosion can occur
3. Explain basic NFPA 70E assessment for electrical equipment
4. List approach boundaries
5. Discuss determining degree of hazard and protective measures

Session T4

Tuesday, September 22, 2015
8:30 am – 11:45 pm
Basic Level

Women in SHE: The Road Nobly Taken

Linda Hiser (coordinator, facilitator)
Arlene Farrar, Kathy Doyle, Martha Misch
Larson Engineering
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E-mail: lhiser@larsonengr.com

Martha Misch is an aspiring Safety, Health and Environmental (SHE) professional, passionate about the health and safety of others. Martha is a recent graduate of Northern Illinois University and currently works in the insurance industry as a risk engineering consultant and technical writer. mbmisch.ehs@gmail.com

Kathy Doyle, CHMM, owner of Relief EHS, LLC, helps companies cultivate environmental and safety practices that enhance their existing operations. Previously, Kathy enjoyed 25 years in the hazardous & solid waste industry overseeing corporate EHS processes (ISO, auditing, training, permitting, regulatory guidance), in day-to-day operations, and supporting Fortune 100 clients in the U.S. and Canada. kathydoyle@ReliefEHS.com

Arlene Farrar is a “seasoned” EHS professional who has worked in the hazardous waste, sterilization, medical device, and most recently, food industries. She considers herself to “have the best job in the world” and is passionate about all things EHS. Farrarlene@aol.com

Topic/Presentation Synopsis

Women in a variety of SHE careers representing early, mid and senior levels of experience will present and facilitate discussion on personal and professional development skills to enhance career satisfaction and prospects. Breakout sessions are provided to discuss opportunities and challenges presented to women starting out, facing change and mentoring. Attendees are encouraged to do independent reading on emotional intelligence and/or women’s leadership.

At the end of this presentation, the participant will be able to:

1. Identify opportunities and challenges in the SHE marketplace
2. Better understand career, certification and personal support available
3. Discuss and process issues and concerns based on facilitated discussion groups in the session
4. Have increased understanding of social media’s effects on SHE

Session T5

Tuesday, September 22, 2015

8:30 am – 11:45 am

Basic Level

Understanding and Evaluating Noise Exposures in the Workplace

David Regelbrugge, CIH, CSP

Director, Client Services

Bureau Veritas North America, Inc.

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Mr. Regelbrugge is an American Board Certified Industrial Hygienist (CIH) and Certified Safety Professional (CSP) with more than 25 years of experience. Over the years he has conducting thousands of exposure studies in variety of different fields including: manufacturing, healthcare, construction and education. His studies have helped his clients resolve some of their most challenging occupational health and safety issues.

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Topic/Presentation Synopsis:

Noise and noise exposures are not well understood by most occupational health practitioners. This workshop was developed to assist the attendees with their understanding of noise, its affects on hearing, as well as properly assessing noise exposures both in the workplace and outdoor environment. Strategies for reducing noise exposures will also be discussed. Whether you are new to the occupational health field or have been practicing for years, everyone will benefit from attending this presentation.

At the end of this presentation, the participant will be able to:

1. Have a thorough understanding of noise and how it affects hearing
2. Use and understand sound level meters and dosimeters
3. Understand basic noise control strategies

Session T6

Tuesday, September 22, 2015

1:15 pm- 2:45 pm

Basic Level

Fighting Sitting Disease – New Alternatives to Sedentary Work

Josh Kerst

EVP – Principal Ergonomist

Focal Upright Furniture

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Josh Kerst, CPE, CIE, is Executive Vice President and Principal Ergonomist with Focal Upright Furniture. Josh's depth and breadth of ergonomics design experience spans across a variety of manufacturing, laboratory, office, retail, food service, transportation, and warehouse operations. Josh has over 25 years experience consulting to companies around the world providing hundreds of ergonomic assessments, training courses and design collaboration. Josh challenges organizations with new ways of thinking and approaching workforce strategies that embrace and support high-performance workplaces.

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Topic/Presentation Synopsis:

The amount of time we spend in sedentary positions on any given day has dramatically increased over the last 25 years. Most people spend the majority of their daytime hours at work in a seated position, which has resulted in a wide variety of serious health risks.

Focal ergonomist Josh Kerst will share the historical impact of the chair on our bodies and how it has shaped our perception. With overwhelming evidence supporting the need for movement within the work environment we can no longer ignore these risks. Find out what steps your organization should take to address this concern in this session and learn ways to positively impact performance and safety.

At the end of this presentation, the participant will be able to:

1. Access to a comprehensive review of the current body of scientific knowledge on sitting vs standing vs. leaning/perching plus considerations and application guidelines to use in the workplace
2. The implications of the aging workforce and on-going health challenges within the US
3. Objective data on the multitude of health benefits associated with regular periods of active movement (Standing, Leaning, Perching, etc.)
4. Insight and highlights from NIOSH's "Take-a-Stand" project
5. A rational and financially responsible approach to implementing Sit-Stand Workstations within your environment

Session T7

Tuesday, September 22, 2015
1:15 pm- 2:45 pm
Basic Level

PSM

Vilma Cantu
Industrial Hygienist
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Vilma Cantu is a Compliance Safety and Health Officer with the Aurora Area Office. Ms. Cantu holds a Bachelor of Science Degree in Chemical Engineering from the University of Illinois at Chicago. She began her career working in the Air and Radiation Division of the U.S. EPA's Regional Office in Chicago. She joined OSHA in 1997 and since then has conducted a wide variety of enforcement inspections including Process Safety Management, Industrial Hygiene, Combustible Dust, General Safety and Recordkeeping.

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Topic/Presentation Synopsis:

Unexpected releases of toxic, reactive, or flammable liquids and gases in processes involving highly hazardous chemicals have been reported for many years, in various industries using chemicals with such properties. Regardless of the industry that uses these highly hazardous chemicals, there is a potential for an accidental release any time they are not properly controlled, creating the possibility of disaster. Process safety management (PSM) is addressed in specific standards for the general and construction industries. OSHA's standard emphasizes the management of hazards associated with highly hazardous chemicals and establishes a comprehensive management program that integrates technologies, procedures, and management practices.

At the end of this presentation, the participant will be able to:

1. Discuss what could go wrong and what safeguards must be implemented to prevent releases of hazardous chemicals.
2. Evaluate your PSM program.
3. Understand different methods of controlling hazards.

Session T8

Tuesday, September 22, 2015

1:15 pm- 2:45 pm

Intermediate Level

Mold Assessment and Remediation

Bradley Caddick, CSP

Senior Manager

Ramboll Environ

333 West Wacker Drive, Suite 2700, Chicago, Illinois

Phone Number: 312-288-3815

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Brad Caddick is a Senior Manager providing industrial hygiene consulting services with ENVIRON. Brad has performed hundreds of indoor environmental quality assessments and has provided litigation support and expert testimony related to mold growth in indoor environments. Brad has managed and overseen large mold assessment and remediation claims in health care facilities, hotels and special use complexes.

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Topic/Presentation Synopsis:

Possible mold growth has been identified on building materials. The extent of the condition is unknown and the extent of growth or contamination on building contents and materials is also unknown. This session will explore how to determine the extent of mold growth within a building and on contents. It will also discuss to develop a remediation plan and complete post remediation assessments.

At the end of this presentation, the participant will be able to:

1. Identify potentially moldy impacted materials and contents
2. Understand different sampling strategies
3. Determine the extent of mold growth in a building
4. Develop a plan for mold remediation and post remediation assessments

Session T9

Tuesday, September 22, 2015
1:15 pm- 4:30 pm
Intermediate Level

Safety Communications and Training Techniques

JoAnn H. Dankert, CHMM, CET
Sr. Consultant
National Safety Council
Ste. B-104-334 20987 N John Wayne Pkwy, Maricopa, AZ 85139
Phone Number: 520-431-6291
E-mail: joann.dankert@nsc.org

Ms. Dankert is a safety professional with 30 years of diversified EHS experience covering the electronics, food, pharmaceutical, chemical and distribution industries. With responsibilities spanning the safety, health, environmental and fields, Ms. Dankert functioned as a results-oriented manager who designed and implemented cost effective solutions to the safety and health challenges business and industry face on a daily basis. Her background in ISO 9001, ISO 14001 and OHSAS 18001 standards has positioned her to help businesses integrate safety, health and environmental practices into their operations.

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Topic/Presentation Synopsis:

Today's safety professional is responsible for communicating safety messages through a variety of methods, ranging from creating and sending out E-mails to delivering safety training to their employees. The Safety Communication and Training Techniques (SCTT) program is designed to provide participants with the knowledge and skills to recognize and assess their role in facilitating a comprehensive and effective communication and training plan, focusing on techniques to make safety messages and training programs more effective.

At the end of this presentation, the participant will be able to:

1. Identify strategies and methods (best practices) for effective safety communication and training.
2. Write performance objectives for a sample training program.
3. Recognize the reasons for testing in performance-based training
4. Recognize the steps for writing a content outline
5. Identify key factors to consider when selecting media to communicate safety messages
6. Identify appropriate media for a classroom-based (facilitator-led) safety training

Session T10

Tuesday, September 22, 2015

1:15 pm- 2:45 pm

Intermediate Level

Industrial Hygiene Exposure Assessments and Decision Making

Rob Rottersman, MS, CIH

Senior Manager

Ramboll Environ

333 W. Wacker Drive, Suite 2700, Chicago, IL 60606

Phone Number: 312.288.3857

E-mail: rrottersman@environcorp.com

Rob Rottersman has over 15 years experience in industrial hygiene, with emphasis on chemical and biological exposure evaluation and control. He has a multi-disciplinary background in the fields of industrial hygiene and epidemiology. Rob's experience includes a variety of exposure assessments including work in oil & gas, chemical and biological laboratories, manufacturing and flavor/fragrance industry. Rob earned his Bachelor's degree in Environmental Health from Illinois State University and has a Master of Science from Colorado State where he specialized in epidemiology. He is a frequent speaker at technical and scientific conferences, and is former president of the American Industrial Hygiene Association-Chicago section. He is certified in the comprehensive practice of industrial hygiene by the American Board of Industrial Hygiene.

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Topic/Presentation Synopsis:

Traditional occupational exposure management hinges on discreet exposure measurements (i.e. samples) obtained from individual employees and/or area measurements. While compliant with applicable regulations, the traditional approach often lacks rigor. A managed approach to exposure evaluation based on AIHA Exposure Strategies and the concept of "similar exposure groups" (SEGs) can better define "exposure risk potential" to allow for informed and defensible decisions when allocating resources for sampling budget and risk reduction through exposure controls. An introduction to this approach will be provided include defining SEGs, performing qualitative assessments, developing sampling strategies and data analysis.

At the end of this presentation, the participant will be able to:

1. Perform an evaluation of operations in including defining SEGs, and qualitative assessment of exposure risks
2. Use the qualitative information for quantitative assessment (sampling)
3. Gain an understanding of how the qualitative and quantitative information can be combined to characterize worker exposure using Bayesian Decision Analysis

Session T11

Tuesday, September 22, 2015

3:00 pm- 4:30 pm

Intermediate Level

**Active Release Techniques in the workplace:
How to use soft tissue mobility to reduce recordables**

Jason Durnas, DC ART
ART provider and Clinic Director
Active Release Techniques
1740 Quincy Ave. Naperville IL
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E-mail: Jason@takeactionchiro.com

Dr. Jason Durnas graduated from the University of Illinois with degrees in Chemistry and Biology and graduated from Palmer College of Chiropractic with honors and was the 2012 recipient of their Clinical Excellence Award. Dr. Durnas learned and has been practicing Active Release Techniques (ART) since 2010, and became an elite provider in 2013. Since then he has been involved in the care of professional and amateur athletes in his offices in Naperville and Rockford, IL. He uses his experience with athletes and knowledge of ART to identify what movement patterns are causing injury and works to correct them on the job site or on the field.

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Topic/Presentation Synopsis:

ART is a movement based massage system, which is extremely effective for accurately locating the cause of soft tissue discomforts and effectively resolving (or greatly improving) overuse and strain/sprain conditions. This technique is performed by professionals, who have completed ART training courses and passed rigorous written and practical examinations. ART has been deemed an OSHA Best Management Practice during several company audits and continues to significantly lower the number of soft tissue injuries, recordables and work comp expenses our clients face.

At the end of this presentation, the participant will be able to:

1. Properly Identify and recognize overuse patterns before they become overuse injuries.
2. Recognize the benefits of having a manual therapist on site to prevent and treat such injuries, both for the employee and employer.
3. Learn what is involved when trying to implement on site care at your facility

Session T12

Tuesday, September 22, 2015

3:00 pm- 4:30 pm

Basic Level

Comparing the PSM and RMP Regulations

Hope Luebeck

Senior Process Engineer

Veolia North America

700 East Butterfield Road, Suite 201, Lombard, IL 60148

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E-mail: hope.luebeck@veolia.com

Hope Luebeck is a Senior Chemical Engineer for Veolia North America. She holds an MS from Lehigh University and a BS from Penn State University, both in Chemical Engineering. She provides corporate PSM guidance to Veolia facility locations throughout North America.

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Topic/Presentation Synopsis:

OSHA's Process Safety Management (PSM) regulation and EPA's Risk Management Plan require that covered processes implement management practices to prevent or minimize releases of toxic, reactive, flammable or explosive materials and to protect the public health and environment. This presentation will examine how these standards complement one another.

At the end of this presentation, the participant will be able to:

1. Know the 14 elements of PSM
2. Understand the differences between the PSM and RMP regulations
3. Appreciate how PSM and RMP affect covered process operations

Session T13

Tuesday, September 22, 2015

3:00 pm- 4:30 pm

Intermediate Level

**Air Issues Updates: Non-Attainment Designations, Enforcement Priorities
and More**

Bruce Dumdei, Ph.D.
Executive Vice President of Training
Sage Environmental
20 N. Wacker Drive, Chicago, Illinois 60606
Phone Number: 312-800-4272
E-mail: bdumdei@sageenvironmental.com

Bruce is a 30+ year environmental scientist with expertise in services including complex PSD and nonattainment NSR permitting, Title V permitting, and NSPS and NESHAPs compliance, and state and federal agency enforcement negotiations. Bruce also serves as the Executive Vice President of Training for Sage's extensive training programs.

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Topic/Presentation Synopsis:

A brief survey of the current air issues will be presented. Topics will include the re-designation of the ozone attainment areas and its effect on construction permit offsets, enforcement priorities for the USEPA and IEPA, and new rule developments.

At the end of this presentation, the participant will be able to:

1. Understand the implications of designation of non-attainments areas for their locations and other locations associated with their company.
2. Better communicate the compliance issues of most concern for their facility
3. Better anticipate the upcoming changes to air regulations that may affect both capital projects and ongoing operations at their facilities.

Session T14

Tuesday, September 22, 2015

3:00 pm- 4:30 pm

Intermediate Level

Administering a Respiratory Protection Program

Lisa M Brosseau

Professor

University of Illinois at Chicago

2121 West Taylor Street, Chicago IL 60612

Phone Number: 312-413-5185

E-mail: brosseau@uic.edu

Dr. Brosseau has more than 20 years as an academic educator and researcher. She directs the Industrial Hygiene program at UIC. Her research interests include respirator performance and program management; and health and safety interventions in small businesses.

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Topic/Presentation Synopsis:

This presentation will focus on the elements of a respirator program with a focus on selecting the right level and type of protection and the management of training, medical evaluation and fit testing.

At the end of this presentation, the participant will be able to:

1. List and describe all of the elements of a respiratory protection program.
2. Explain the role and qualifications of a program administrator.
3. Describe and apply a decision logic for selecting the correct respirator for a given exposure level and work activities.
4. Explain the difference between qualitative and quantitative fit testing.
5. Describe the steps required for obtaining medical clearance.
6. Explain the advantages and disadvantages of each respirator class.
7. Describe the content of respirator training.
8. Show and explain how to maintain an elastomeric respirator.

Session W1

Wednesday, September 23, 2015

8:30 am – 10:00 am

Intermediate Level

**Civil and Criminal Liability of Safety and Health Professionals
Know Your Legal and Ethical Duties**

Mark A. Lies II

Attorney

Seyfarth Shaw LLP

131 S. Dearborn Street | Suite 2400 | Chicago, Illinois 60603-5577

Phone Number: 1-312-460-5877

Mr. Lies is a partner in the Chicago office. His primary practice areas involve occupational safety and health law, related personal injury litigation and employment law, including single plaintiff and class action litigation and counseling.

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Topic/Presentation Synopsis:

This session will provide the safety and health professional the liabilities under OSHA, Worker's Compensation, negligence and for violations of other State and Federal laws. The session will also provide practical recommendations on how to avoid such liabilities.

At the end of this presentation, the participant will be able to:

1. Identify current OSHA enforcement agendas
2. Be knowledgeable of potential OSHA civil citation liability
3. Learn the scope of criminal liability for Employer and Managers
4. Be able to respond to a comprehensive OSHA inspection and citations
5. Respond to an OSHA whistleblower complaint

Session W2

Wednesday, September 23, 2015

8:30 am – 10:00 am

Basic Level

Work Safe, Stay Safe: Training Temporary Workers in General Industry

Cheryl Gray
Grant Writer
Waubonsee Community College
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E-mail: cgray@waubonsee.edu

Cheryl Gray developed Waubonsee Community College's proposal and training content for the Susan Harwood grant from OSHA. The grant provides safety training for temporary workers, particularly those who are non-English speaking. The grant also supports training for host employers and staffing agencies to better understand their shared responsibilities.

Daniel Ramir
Director
Latino Worker Resource Center (LWRC)
4415 Harrison, Hillside, IL 60162
Phone Number: 888-595-5972
E-mail: Dan@LatinoWorker.org

Dan Ramir is currently the Director of The Latino Workers Resource Center whose mission is to promote workplace safety and workforce development by providing employers and workers bilingual occupational safety and health information, training, certifications, and translations to Spanish.

Gary Salvador
Safety Instructor
Safety First Training
807 W. Country Drive, Bartlett, IL 60103
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E-mail: safetyfirst1@comcast.net

Gary has been an authorized OSHA Outreach Instructor for about 15 years. With a background in Industrial Safety and Public Service, he has been working with Waubonsee College in implementing and presenting the Safety Training for Temporary Workers Program through the OSHA Susan Harwood Grant Program

Topic/Presentation Synopsis:

This panel presentation will focus on the challenges of training temporary workers in general industry to “work safe and stay safe”. What are the unique and shared roles and responsibilities for host employers and staffing agencies? Panelists provide insights and identify resources to assist in meeting OSHA’s training imperatives.

At the end of this presentation, the participant will be able to:

1. Identify the major challenges of safety and health training for general industry temporary workers
2. Describe the joint responsibilities of host employers and staffing agencies for the safety and health of temporary workers
3. List local resources for safety training for temporary workers in general industry

Session W3

Wednesday, September 23, 2015

8:30 am – 10:00 am

Basic Level

**Chemical Product Rules Expanding Worldwide
A Challenge for Global Business**

Ken Manchen

Corp. Director Safety, Health & Environmental Affairs

Premier Farnell Corp.

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E-mail: kmanchen@premierfarnell.com

Kenneth L. Manchen PE, CHMM serves as Corporate Director of Safety, Health & Environmental Affairs at Premier Farnell Corporation, a UK based multinational electronics distribution company with operations in North America, South America, Europe, Asia and Australia. He is responsible for safety, health and environmental affairs. He also handles compliance with hazardous substance related product compliance rules (RoHS, REACH, Conflict Minerals, California Proposition 65, etc.).

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Topic/Presentation Synopsis:

RoHS/REACH/Conflict Minerals are worldwide concerns – Chemical product rules are expanding rapidly worldwide. Concerns over the effects of hazardous substances in products have prompted RoHS and REACH rules. Concerns about sourcing materials from areas where human rights violations are occurring have prompted the new Conflict Minerals rule. We will explore these rules and the challenges they are posing to businesses.

At the end of this presentation, the participant will be able to:

1. Demonstrate an understanding of the new global challenges facing businesses
2. Demonstrate an understanding of the chemical content rules affecting businesses
3. Demonstrate an understanding of the new rules designed to stop companies from procuring raw materials from regions where human rights violations are occurring.

Session W4

Wednesday, September 23, 2015

8:30 am – 10:00 am

Basic Level

Crucial Conversations: Tools for Talking When Stakes are High Speech

Ashley Dittmar

Master Trainer & Client Coach

VitalSmarts

516 S. Austin Blvd, 2E, Oak Park, IL 60304

Phone Number: 262-844-8334

E-mail: adittmar@vital-smarts.com

Ashley Dittmar has been facilitating Crucial Conversations for more than 5 years in every industry. Those who have attended Ashley's courses range from frontline employees to executive teams. She thoroughly enjoys adapting the skills to each of these groups differing challenges so that they can achieve the results that propel them toward their business goals.

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Topic/Presentation Synopsis:

Based on the award-winning training program, Crucial Conversations, and the bestselling book of the same title, this speech guides audiences through the initial steps to mastering crucial conversations to achieve alignment, agreement, and execution.

At the end of this presentation, the participant will be able to:

1. Identify the conversations that are keeping you from achieving results in your professional and personal relationships.
2. Understand the way we interpret experiences in Crucial Conversations.
3. Utilize the skills we learn to begin speaking up candidly and respectfully to address conversations no matter the topic, power difference, or sensitivity of the subject.
4. Speak persuasively, and not abrasively.
5. Create an environment where all parties involved in a conversation are encouraged to speak up.

Session W5

Wednesday, September 23, 2015

8:30 am – 10:00 am

Intermediate Level

Doing Less at Work – and Getting Away With It!

Meredith A. Wayant, MPH, OTR/L, CIE, CHSP
Senior Loss Control Consultant
CCMSI

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Phone Number: (630) 667-3363

E-mail: Mwayant@ccmsi.com

Meredith A. Wayant has over twenty-five years' experience in ergonomics, safety, and medical management of injured workers. She began her career as an occupational therapist treating injured workers, followed by several years as an ergonomics consultant. She has worked at O'Hare International airport as a Health & Safety Manager. She also has past experience in patient care and safety in home health, skilled nursing home, and hospital settings.

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Topic/Presentation Synopsis:

This session will focus on various tools that are available to assist safety personnel in effectively reducing risks associated with manual material handling or patient handling. Tools covered in this presentation include quantitative analysis, engineering, administrative, and work practice controls.

At the end of this presentation, the participant will be able to:

1. Identify factors that can contribute to material/patient handling injuries.
2. Understand quantitative tools available to measure manual handling tasks.
3. Identify engineering controls/resources available that may be applicable in industrial and patient-care settings.
4. Describe administrative practices that may be effective components to an overall prevention program.
5. Describe work practices that may be effective components to an overall prevention program.

Session W6

Wednesday, September 23, 2015
10:15 am – 11:45 am
Intermediate Level

Up In Smoke.....Medical Marijuana in Illinois

Kristen Foley
Senior Assistant City Attorney
City of Naperville
400 S. Eagle Street
Phone Number: 630 305 5280
E-mail: foleyk@naperville.il.us

Kristen is a Senior Assistant City Attorney with the City of Naperville. She defends the City in a wide variety of litigation and manages the City's Workers' Compensation claims. Kristen focuses her practice on ways to reduce liability and publishes a quarterly newsletter to all Supervisors on current topics of liability. Kristen navigated the City through all the requirements of the Compassionate Use of Medical Marijuana Act.

Kristen graduated with the B.S. from Purdue University and a J.D. from John Marshall Law School. Kristen has spent the past 20 years representing units of local government in both state and federal court. She is a member of the DuPage and Will County Bar Associations and the Illinois State Bar Association.

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Topic/Presentation Synopsis:

On January 1, 2014, the Compassionate Use of Medical Cannabis Pilot Program Act became law in Illinois, allowing cannabis to be grown, sold and used by qualifying Illinois citizens. Eighteen months later, where are we and what are employers doing to prepare for cannabis using employees? This presentation will provide an overview of the statute, administrative rules, and an update on any case law interpreting the act.

At the end of this presentation, the participant will be able to:

1. Understand the Compassionate Use of Medical Marijuana Act
2. Determine if your employment policies cover the now lawful usage of marijuana or do you need to make changes?
3. Develop strategies to protect both the employer and employee in light of the new statute.

Session W7

Wednesday, September 23, 2015

10:15 am – 11:45 am

Intermediate Level

GHS: 2 Deadlines Hit in 2015. Are you Ready?

Brad Harbaugh
Director of Marketing & Communications
MSDSonline
350 N. Orleans St., Ste. 950, Chicago, IL 60654
Phone Number: 312-881-2855
E-mail: bharbaugh@msdsonline.com

Brad Harbaugh is editor of the EHS blog for MSDSonline — a leading provider of sustainable cloud-based compliance solutions that help businesses manage a variety of global EHS requirements. He is the creator of MSDSonline's GHS Answer Center and Webinar series and has presented at NSC, ASSE, and VPPPA, among others.

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Topic/Presentation Synopsis:

Two GHS deadlines have passed; two more go into effect within a year. Don't get caught in noncompliance with OSHA's 2nd most frequently cited standard. Learn what's changed as a result of GHS adoption and the simple steps you can take to ensure compliance during the GHS transition and beyond.

At the end of this presentation, the participant will be able to:

1. Identify past and upcoming GHS deadlines for HazCom and their corresponding obligations
2. Articulate the baseline compliance requirements of GHS and HazCom by role (i.e., manufacturer, distributor and employer)
3. Prepare the workplace for 2015 and 2016 GHS deadline responsibilities
4. Enact best practices for managing safety data sheets, container labels (workplace and shipped), employee training and chemical inventories
5. Apply emerging technologies to specific GHS/HazCom compliance challenges
6. Communicate current events and developing issues in the evolving chemical regulatory environment

Session W8

Wednesday, September 23, 2015

10:15 am – 11:45 am

Intermediate Level

Going Green Two- Food Scrap Composting for your Corporation

Kay McKeen

Founder and Executive Director

SCARCE

799 Roosevelt Road, Building # 2 Suite #108

Phone Number: 630-545-9710

E-mail: kay@scarce.org

Kay McKeen is the Founder and Executive Director of SCARCE -- School and Community Assistance for Recycling and Composting Education. As a not-for-profit 501(c)3 organization, Kay & the SCARCE team reach hundreds of people – in schools, businesses and community groups - with innovative environmental education programs. Kay, her team, and SCARCE programs have been recognized innumerable – in local, national and international newspapers & magazines. In addition, Kay is often asked to speak at events and on cable & televised programs. The following highlights some of Kay's achievements & environmental programs she has developed since 1986.

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Topic/Presentation Synopsis:

Green is really in! Composting food scraps is in too! There is a lot more to Reduce, Reuse and Recycle than you might know. Nature has many solutions join us to find out – sharks and oysters and Monarchs Oh MY!

At the end of this presentation, the participant will be able to:

1. Know what really is supposed to be going into your recycling bin?
2. Know how to use a Kill-a-Watt meter and save energy at home and at work.
3. How to set up food scrap composting for your company and yourself?
4. Know how nature can help us solve some of our environmental issues.

Session W9

Wednesday, September 23, 2015
10:15 am – 11:45 am
Basic Level

**There is an App for that!
Using your Smart Device to improve your EHS performance**

Kurtis Salter, MS, CIH, CSP
ESH Manager
GE - Appliances
Phone Number: (312) 502-5779
E-mail: Kurtis.salter@ge.com

Kurtis Salter is currently the EHS Manager for GE - Appliances in Louisville, KY. He is responsible for planning, directing, and executing safety, health, and environmental services to the Distribution & Services. The goal of his service group is to manage, reduce, and eliminate environmental, safety, and health hazards with emphasis on safety and health concerns. Kurt spent four years as an EHS Manager at Argonne National Laboratory in Lemont, IL for the Nuclear Operations Division. Kurt spent three years a Loss Prevention Service Director in Chicago, IL for Liberty Mutual's Midwest Division of the National Market. He was responsible for planning, directing, and coordination of loss prevention services to the National Market customers to reduce loss exposures and achieve targeted loss results. Kurt spent six years as an Industrial Hygienist that directed, managed, and facilitated industrial hygiene services to a broad base of customers. Consulted with customers in recognition, anticipation, evaluation, and control of workplace hazards that related in occupational disease and ergonomic exposures.

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Topic/Presentation Synopsis:

With the explosion of "smart device" in the business environment, multiple applications have been developed for the Environmental Safety and Health profession. This course is designed to explore a wide variety of "Apps" that can improve your capabilities and efficiencies. Yes, playing with your smart device is highly encourage in this course. Android and Apple operating systems will only be used...sorry Blackberry & Microsoft users.

At the end of this presentation, the participant will be able to:

1. Use your Smart Device more effectively
2. Expand your use of applications focus on ESH productivity and efficiency.
3. Increase your productivity through leveraging technology.

Session W10

Wednesday, September 23, 2015

10:15 am – 11:45 am

Basic Level

Interviewing skills for the EHS Professional

Arlene Farrar,
ConAgra Foods Inc
215 Diehl Rd, Naperville, IL
Phone Number: 630-857-1351
E-mail: Arlene.Farrar@conagrafoods.com

Arlene Farrar is a “seasoned” EHS professional who has worked in the hazardous waste, sterilization, medical device, and most recently, food industries. She considers herself to “have the best job in the world” and is passionate about all things EHS.

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Topic/Presentation Synopsis

Being a technical field, not all EHS professionals have the best “interpersonal” skills. Sharpen yours by attending this session and get some helpful hints on how to conduct interviews related to incident investigations, audits and employee feedback.

At the end of this presentation, the participant will be able to:

1. Have some ideas on ways to improve interview process.
2. Some specific Do’s and Don’ts on how and where to conduct interviews for both incident investigations as well as audit probing.
3. Learn from others on common mistakes made when interviewing.

Session W11

Wednesday, September 23, 2015

1:15 pm – 2:45 pm

Basic Level

An Introduction to Real-time IH Monitoring Instrumentation

Dr. William Mills
Assistant Professor
Northern Illinois University
Dept. of Engineering Technology
Phone Number: 815-753-5366
E-mail: wmills11@niu.edu

Dr. Mills is currently an Assistant Professor in the Department of Engineering Technology at Northern Illinois University where he teaches Industrial Hygiene among other courses. He has over 30 years of experience in environmental, health and safety, chemical processes, and advanced technologies issues.

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Topic/Presentation Synopsis:

Industrial Hygiene (IH) utilizes a variety of instrumentation for monitoring the workplace. This workshop will provide an overview of the general types of issues for which IH monitoring instrumentation is utilized. A particular emphasis will be on real-time monitoring instrumentation. Examples of some representative IH monitoring instruments will be demonstrated.

At the end of this presentation, the participant will be able to:

1. Understand the general classes of IH monitoring
2. Recognize the differences between physical states of matter and how that impacts monitoring instrumentation.
3. Understand the general class of IH monitoring
4. Understand the difference between real-time and integrated air sampling
5. Understand some of the pros and cons for IH monitoring instrumentation

Session W12

Wednesday, September 23, 2015

1:15 pm – 2:45 pm

Intermediate Level

**Fall Protection and Aerial Work Platforms –
Are You Making the Right Decisions?**

Tony Radke

Manager, Safety Education

NES Rentals

8420 W Bryn Mawr Suite 310, Chicago, IL 60631

Phone Number: 602-721-6049

E-mail: tradke@nesrentals.com

Tony Radke is the Manager of Safety Education for NES Rentals. As an IPAF Senior Instructor Tony also trains aerial work platform users in the International Powered Access Federation's (IPAF) Operator Training program and served as the technical expert during the development of the eLearning module. Since its creation Tony has been instrumental in implementing the training for all NES Rentals employees and providing the program to customers. Tony also currently serves as the Chairperson for the IPAF Training Advisory Council and as the North American Representative to the IPAF International Training Advisory Group. In April of 2014 Tony was awarded the prestigious IPAF International Training Instructor of the Year Award for his advancement of the IPAF training program in North America and his role in the development of the eLearning module.

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Topic/Presentation Synopsis:

Companies that use aerial work platforms (AWP's) need to know what is required in a training program, what their management responsibilities are, what the standards and regulations say about the safe use of AWP's, and how best to select the right training program for their workers. This interactive seminar will identify common causes of accidents involving AWP's, review industry trends, define what is contained in a high-quality training program and look closely at what companies are required to do for training their employees.

At the end of this presentation, the participant will be able to:

1. Identify what is required in an AWP training program
2. Understand requirements for safe use and training on AWP's
3. Gain a greater understanding of causes of accidents
4. Determine the best method for selection of an AWP training program
5. Define their responsibilities as outlined in the ANSI Standard
6. Use the information presented to make informed decisions regarding the use of personal fall protection on AWP's

Session W13

Wednesday, September 23, 2015

1:15 pm – 2:45 pm

Advanced Level

The Carbon Nexus - Boilers, Power Plants and Strategic Energy Management

Don Macdonald, LEED AP

Veritatis Advisors, Inc.

208 West Lake Street, Suite 2, Barrington, IL 60010

Phone Number: 847-987-1645

E-mail: don.macdonald@veritatisadvisors.com

Mr. Macdonald leads sustainability business and technical projects helping companies navigate complex and changing environments. As a practicing LEED AP, CPM and ISO 14001 and 50001 qualified industry veteran, Don has plenty of experience.

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Topic/Presentation Synopsis:

Today energy efficiency is viewed as inconsistent and not a sustainable means to affect climate change or reduce consumption of resources across all economic Sectors. Why? The financial markets have yet to securitized the value process as one being reliable, consistent and commonly utilized.

Technical building blocks now being implemented or developed to standardize (securitize) the way we assess energy performance – demand, supply, and efficiency in manufacturing, power generation, and commercial buildings will form this foundation. Much like the global standardized accounting system GAAP, these blocks will include some form of energy baseline, M & V (Measurement & Verification), and continuous performance metrics.

In this session we will discuss two significant contributors to this foundation and the implications these Rules have on energy performance. We will review underlying market sentiment, case studies and performance impacts in what is quickly becoming known as Strategic Energy Management (SEM):

At the end of this presentation, the participant will be able to:

1. Understanding of MACT DDDDD requirements
2. Up date on the Clean Power Plan
3. Implications and take-home strategy for energy management programs

Session W14

Wednesday, September 23, 2015

1:15 pm – 2:45 pm

Basic Level

Adult Education: Multi Cultural and Age of Workforce

Paul Seidlitz, R.N.

Consultant

Phone Number: 630-469-9552

E-mail: paulseidlitz@yahoo.com

Paul Seidlitz is retired as a Consultant/Trainer with the Illinois Onsite Safety and Health Consultation Program. Paul continues in private practice conducting interactive training for numerous employers. Paul is a Registered Professional Nurse with over 20 years experience as a safety director in health services and retail industries. A retired Colonel, U.S. Army, Paul functioned as a general duty nurse and training officer. Paul is an authorized OSHA Outreach Trainer.

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Topic/Presentation Synopsis:

The number of older workers has been rising and is expected to continue to increase as the baby boomers-those born between 1946 and 1964 reach 65. This increase will create a number of different issues and challenges. This session will review some of the intergeneration issues as well as the some of the safety and health issues.

At the end of this presentation, the participant will be able to:

1. Discuss methods to improve communication and training between multiple generations
2. Discuss the physical limitations of the older worker and methods to accommodate
3. Discuss the benefits of a multigenerational workforce

Session W15

Wednesday, September 23, 2015

1:15 pm – 2:45 pm

Intermediate Level

Successful Use of Mobile Apps in m-Learning and Risk Communication

Speaker: Margaret Wan, Ph.D., CIH, CHMM, CET

Assistant Professor

Ferris State University

200 Ferris Drive, VFS 329, Big Rapids, MI 49307

Phone Number: (M) 727-643-9389

E-mail: magic@margaretwan.com

Margaret Wan has diverse experience in education and training. She is one of the founding faculty members of the public health programs at Ferris State University. She is also consultant and trainer at EOH Consulting, and the author of “Incidental Trainer: A Reference Guide for Training Design, Development, and Delivery.”

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Topic/Presentation Synopsis:

In this “app-crazy” world, SH&E apps abound. Some are useful training tools, and certain digital materials that are not strictly “apps” can be valuable if used properly. In this session, participants will discover best practices in selecting and using apps and other materials that facilitate m-learning and risk communication.

At the end of this presentation, the participant will be able to:

1. Break the myth about mobile learning.
2. Describe the benefits of using mobile apps for trainers and trainees.
3. Identify the characteristics of well-designed instructional materials for m-learning.
4. Select mobile apps suitable for SH&E training and risk communication.
5. Incorporate effectively complementary digital content in course development.
6. Apply best practices in training and risk communication using modern technology.

Session W16

Wednesday, September 23, 2015

3:00 pm – 4:30 pm

Basic Level

Illinois OSHA 101

Ben Noven

Illinois OSHA Director

Illinois OSHA – Illinois Department of Labor

160 N. LaSalle Street Suite C-1300 Chicago, IL 60601

Phone Number: 312-793-0846

E-mail: ben.noven@illinois.gov

Mr. Ben Noven brings over a decade of public sector service to the State of Illinois. Currently, as Illinois-OSHA Director, Mr. Noven is responsible for protecting the health and safety of the over 1 million public employees throughout the State. This includes the oversight of inspections, investigations, and the evaluation of public facilities and working conditions to ensure compliance with the Occupational Safety and Health Act.

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Topic/Presentation Synopsis:

The Illinois OSHA 101 session will educate attendees on the basic occupational safety and health standards that apply to public sector employers. This includes inspections, investigations and the evaluation of public facilities. It will also illustrate the elements of Illinois' consultation program that is designed to assist public and private employers with their workplace safety and health needs.

At the end of this presentation, the participant will be able to:

1. Knowledgeable of Illinois OSHA's Enforcement policies and procedures
2. Locate resources to assist them with their occupational safety and health workplace needs.

Session W17

Wednesday, September 23, 2015

3:00 pm – 4:30 pm

Intermediate Level

Slips / Trips / Falls

Don Phillips

Manager – EH&S, PSAV

PSAV

1700 E Golf Rd, Suite 400

Phone Number: 224-875-6168

E-mail: dphillips@PSAV.com

Don Phillips has been involved in employee safety for more than 25 years, during which time he has consistently set the PASE (Positive Attitude and Safety, Everyday) for employees to follow. He started as a union steward and founding member of the safety committee at DeMert & Dougherty's Coal City, Illinois, manufacturing plant and has worked in safety for some of the largest corporations in their respective industries. He is currently the Manager of Environmental, Health & Safety for PSAV. Don is a qualified OSHA Outreach trainer in general industry with experience and responsibilities that include developing and delivering safety training programs, facilitating safety committees and conducting safety audits. He also specializes in incident investigation, workers compensation and OSHA and EPA compliance. Don is the owner of SafetyDon, LLC, a consulting company specializing in safety for small and mid-size companies, and also serves as adjunct trainer for The National Safety Council.

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Topic/Presentation Synopsis:

Slips, trips, and falls are consistently a leading cause of incidents and injuries in workplaces of all shapes and sizes. Unlike many industrial incidents, they don't discriminate and are just as likely in the office as on the shop floor. While the easiest solution is oft-heard "learn to walk"; this presentation will look at the many ways we regularly set ourselves and employees up for a fall.

At the end of this presentation, the participant will be able to:

1. Identify root causes of slips, trips, and falls in the workplace.
2. Understand how falls happen and how they can be prevented.
3. Where to look for hidden fall hazards in your workplace.

Session W18

Wednesday, September 23, 2015

3:00 pm – 4:30 pm

Intermediate Level

Safety, Health & Environmental Auditing: Tips and Tools

Gary A. Williams

Director – Environment & Compliance

Ecolab, Inc.

1601 West Diehl Road, Naperville, IL 60563

Phone Number: 630-305-1247

E-mail: gary.williams@nalco.com

Gary Williams is currently accountable for the global SH&E audit program at Ecolab, Inc. He has over 35 years' experience in industry, consulting and government. Mr. Williams has an engineering degree from the University of Illinois and an MBA from the University of Chicago, and is a Certified Professional Environmental Auditor (BEAC) and a Registered Professional Engineer (PE).

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Topic/Presentation Synopsis:

SH&E auditing for US corporations has evolved over the past four decades from a primary focus on protection of the environment from industrial sources of pollution to the current focus on protection of workers' and the public's safety and health. This presentation will describe these changes, and discuss current SH&E priorities within an auditing context.

At the end of this presentation, the participant will be able to:

1. Describe the changes in SH&E auditing practice over time;
2. Understand the forces that led to these changes;
3. Describe current SH&E auditing practices and company priorities.

Session W19

Wednesday, September 23, 2015

3:00 pm – 4:30 pm

Basic Level

Learning in the 21st Century! Grow with technology, not against it.

Ayla Horlick
EHS Specialist
GE Appliances

4000 Buechel Bank Rd, Louisville Ky, 40225

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E-mail: ayla.horlick@ge.com

Ayla Horlick is currently an EHS Specialist in an Operations Management Training Program at GE Appliances. She is responsible for the environmental health and safety performance for manufacturing facilities. Her goals include developing, integrating and executing corporate and business health and safety strategies, policies, programs, trainings, and actions to drive standardization and consistency while ensuring regulatory compliance.

Ayla spent three years as a public safety officer with the Eastern Kentucky University Police Department. Partnered with campus police to patrol campus, and ensure public safety of students, staff and faculty.

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Topic/Presentation Synopsis

Technology is now more than ever readily available and affordable for our organizations to use. Devices such as iPads and iPhones are equipped with common apps that can be utilized to help our workforce learn faster. This course is designed to teach users how to capitalize on such technology. When people need to learn how to do something quickly, where is the first place they turn? Youtube! This video search engine has revolutionized the way we learn in the 21st century. The main focus of this course is to replicate that learning model for our own organizations. Finally, a course that encourages playing with your smart device.

At the end of this presentation, the participant will be able to:

1. Utilize common apps on smart devices to engage employees in a more effective and efficient manor
2. Transform traditional JSAs to video JSAs

Session W20

Wednesday, September 23, 2015

3:00 pm – 4:30 pm

Intermediate Level

Presentation Skills

Brian Quick

Presentation Skills

Quick Coaching & Presentation Skills

225 Basswood Dr. Naperville 60540

Phone Number: 630-779-4081

E-mail: coachquick1@yahoo.com

Brian is a member of Toastmasters International. Toastmasters International is a nonprofit educational organization that operates clubs worldwide for the purpose of helping members improve their communication, public speaking, and leadership skills. Brian is a very interactive and entertaining speaker and wants others to become the best version of themselves.

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Topic/Presentation Synopsis:

Doing presentations in front of people can be one of the scariest things on the planet to do. It is a skill that can make us successful or unsuccessful in business, love or relationships. When mastered it can open many doors for growth and personal development.

At the end of this presentation, the participant will be able to:

1. Develop better stage presence.
2. Improve oral presentation skills.
3. Develop better communication skills.

Session R1

Thursday, September 24, 2015
8:30 am – 11:45 am
Intermediate Level

Machine Guarding Meets Lockout/Tagout

Carlos Gallegos
Assistant Area Director
OSHA
365 Smoke Tree Business Plaza
North Aurora, IL 60542
Phone Number:(630) 896-8700
E-mail:gallegos.carlos@dol.gov

Carlos began working with integrated safety systems in the U.S. Air Force and has since held several positions within the U.S. Department of Labor's Occupational Safety and Health Administration, including, response team member and response team leader, regional safety specialist and also course chairperson at the OSHA Training Institute.

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Topic/Presentation Synopsis:

This presentation is for the purpose of alerting employers to misconceptions surrounding the use of safeguarding devices that commonly contribute to the occurrence of amputation injuries in manufacturing and general industry

At the end of this presentation, the participant will be able to:

1. Identify several machine-related hazards that OSHA commonly encounters during amputation investigations,
2. Identify two electronic safeguarding system configurations that meet the minor servicing exception in 1910.147 by proving effective alternative protection.

Session R2

Thursday, September 24, 2015

8:30 am – 10:00 am

Basic Level

The OSHA Inspection Experience

Erin Cropsey & Dennis House
Assistant Area Director
Occupational Safety & Health Administration
365 Smoke Tree Plaza, Aurora, IL 60542
Phone Number: 630-896-8700
E-mail: cropsey.erin@dol.gov

Erin Cropsey: Erin is the Assistant Area Director for the Aurora OSHA Office. She joined OSHA in 2007 and has worked in multiple capacities within the Agency, both at an Area Office and Regional Office level. Erin is a 2006 graduate of Illinois State University with degrees in Environmental Health Science and Biological Science.

Dennis House: Dennis has supported OSHA's enforcement efforts for three and a half years as a compliance officer. Prior to beginning his career with OSHA, Dennis was a student at Gettysburg College in historical Gettysburg, PA. Dennis has a Bachelor of Science degree in Biology with a minor in Philosophy.

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Topic/Presentation Synopsis :

We will be presenting a hands-on experience for the participants so they understand what to expect while participating in an OSHA inspection. We will cover the different types of inspections OSHA conducts, the inspection process, hazard recognition, citation issuance, and what to expect during the post-issuance process.

At the end of this presentation, the participant will be able to:

1. Understand what to expect while participating in an OSHA inspection.
2. Understand the different types of inspections that OSHA performs.

Session R3

Thursday, September 24, 2015
8:30 am – 10:00 am
Intermediate Level

**The (Almost, Completely, Fully, Partially) Concealed Carry Act or Why
Illinois was the 50th State to Allow You to Carry a Gun**

Kristen Foley
Senior Assistant City Attorney
City of Naperville
400 S. Eagle Street, Naperville, IL 60154
Phone Number: 630 305 5280
E-mail: foleyk@naperville.il.us

Kristen is a Senior Assistant City Attorney with the City of Naperville. She defends the City in a wide variety of litigation and manages the City's Workers' Compensation claims. Kristen focuses her practice on ways to reduce liability and publishes a quarterly newsletter to all Supervisors on current topics of liability. Kristen has presented twice navigated the City through all the requirements of the Firearm Concealed Carry Act.

Kristen graduated with the B.S. from Purdue University and a J.D. from John Marshall Law School. Kristen has spent the past 20 years representing units of local government in both state and federal court. She is a member of the DuPage and Will County Bar Associations and the Illinois State Bar Association. Kristen presented twice to the DuPage County Bar Association on the topic of Concealed Carry.

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Topic/Presentation Synopsis:

Illinois was forced to allow the concealed carry of firearms when the Federal Appeals Court determined the existing statewide ban on guns outside your home was unconstitutional in 2012. Beginning in January 2014, residents can apply for and carry concealed firearms in a variety of places in Illinois. This presentation will address who can carry, where are firearms allowed and what policies or procedures employers may use to regulate or limit the carrying of firearms. Also addressed will be any new caselaw as a result of the implementation of this statute.

At the end of this presentation, the participant will be able to:

1. Understand the Firearm Concealed Carry Act
2. Determine if your employment policies cover the now lawful ability to carry a firearm outside the home or do you need to make changes?
3. Develop strategies to protect both the employer and employee in light of the new statute.

Session R4

Thursday, September 24, 2015
8:30 am – 10:00 am
Intermediate Level

Safety Incentive Programs that Work

Jerry Van Oort
CEO
intRAtrain and inspectiTRAC by Russell Associates
229 S. Main St.
Phone Number: 507-665-6266
E-mail: jerry@intratrain.com and jennifer@intratrain.com

Jerry Van Oort, CEO of Russell Associates, has over twenty five year's experience in the fields of operations and general management, employee training and development management. He has dealt with the demands and requirements of complying with government regulations, the challenges of creating a safe work environment, and managing risk and exposure.

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Topic/Presentation Synopsis:

Many times companies conduct safety incentive programs that do not accomplish much or may even be counter-productive. If you have a safety incentive program or are considering one join us to learn how to avoid some of these pitfalls and help you design a proactive safety incentive program that works.

At the end of this presentation, the participant will be able to:

1. Define the safety incentive program need and benefits.
2. Describe the difference between passive and proactive safety incentive programs.
3. Design a proactive incentive program that works for their specific needs.
4. Recommend methods of implementing a safety incentive program.

Session R5

Thursday, September 24, 2015

10:15 am – 11:45 am

Basic Level

OSHA Training Programs and Resources

Kimberly Mason

Acting Director, Office of Training Programs and Administration

Occupational Safety and Health Administration (OSHA)

2020 S. Arlington Heights Rd., Arlington Heights, IL 60005

Phone Number:847-759-7726

E-mail:mason.kimberly@dol.gov

Kimberly Mason is the Acting Director of the Office of Training Programs and Administration. She has responsibility for the OSHA Training Institute (OTI) Education Centers Program; the Outreach Training Program; and the Susan Harwood Training Grants Program. She oversees all administrative functions for the OSHA Directorate of Training and Education. Kimberly earned an MBA in management from Northern Illinois University.

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Topic/Presentation Synopsis:

This presentation will cover OSHA training programs and resources designed for the general public. This includes a wide selection of training programs, courses, and materials to help broaden worker and employer knowledge on the recognition, avoidance, and prevention of safety and health hazards in their workplaces in support of the Occupational Safety and Health Act.

At the end of this presentation, the participant will be able to:

1. Understand the role that training, education, and outreach play in the OSHA mission
2. Identify OSHA training programs intended for the general public
3. Utilize the OSHA Web site to access training program information, materials, and resources

Session R6

Thursday, September 24, 2015
10:15 am – 11:45 am
Intermediate Level

Incident Investigation

Don Phillips
Manager – EH&S
PSAV
1700 E Golf Rd, Schaumburg, IL
Phone Number:224-875-6168
E-mail:dphillips@psav.com

Don Phillips has been involved in employee safety for more than 25 years, during which time he has consistently set the PASE (Positive Attitude and Safety, Everyday) for employees to follow. He started as a union steward and founding member of the safety committee at DeMert & Dougherty's Coal City, Illinois, manufacturing plant and has worked in safety for some of the largest corporations in their respective industries. He is currently the Manager of Environmental, Health, and Safety for PSAV. Don is a qualified OSHA Outreach trainer in general industry with experience and responsibilities that include developing and delivering safety training programs, facilitating safety committees and conducting safety audits. He also specializes in incident investigation, workers compensation and OSHA and EPA compliance. Don is the owner of SafetyDon, LLC, a consulting company specializing in safety for small and mid-size companies, and also serves as adjunct trainer for The National Safety Council.

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Topic/Presentation Synopsis:

Even with the best safety programs, incidents will occur, making us all investigators. This interactive presentation will cover incident investigation from first notice through corrective action. From near misses to major catastrophes, we will discuss root cause and the Heinrich Pyramid, the effect of unsafe acts, and why every incident is preventable. Whether you have been investigating incidents for three months or thirty years, come prepared to share your experience and learn from your fellow safety professionals and investigators.

At the end of this presentation, the participant will be able to:

1. Identify root causes of incidents.
2. Understand how every incident is preventable.
3. Able to incorporate this system into your incident prevention plan.

Session R7

Thursday, September 24, 2015

10:15 am – 11:45 am

Intermediate Level

Micro Learning for Success

Jerry Van Oort

CEO

intRAtrain and inspectiTRAC by Russell Associates

229 S. Main St.

Phone Number: 507-665-6266

E-mail: jerry@intratrain.com and jennifer@intratrain.com

Jerry Van Oort, CEO of Russell Associates, has over twenty five year's experience in the fields of sales, operations, employee training and development management. He has dealt with the demands and requirements of complying with regulations, developing and retaining employees, and the challenges of training employees efficiently and effectively.

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Topic/Presentation Synopsis :

Attention spans are shortening, technology use is expanding and employees still need to be trained. Now what? This session will explore the use of micro learning to meet the training needs of employees. How can micro learning address learning objectives and be efficient and effective? Join in to find out.

At the end of this presentation, the participant will be able to:

1. Describe the concept of micro learning
2. Compare the micro learning to other traditional training techniques
3. Explain the benefits of micro learning for employee development developing and retaining employees.
4. Develop a micro learning training plan for a group of employees

Session R8

Thursday, September 24, 2015

1:15 pm – 4:30 pm

Intermediate Level

Machine Safety in 2015 & Alternatives to LOTO

Jeff Winter

Manager, Safety Business Practice

Grantek Systems Integration

903 Commerce Drive, Suite 200 Oak Brook, IL 60523

Phone Number: 773-318-0528

E-mail: Jeff.Winter@Grantek.com

Jeff Winter is the Safety Business Manager for Grantek Systems Integration, where he leads a team of engineers in developing and delivering machine safety services across North America. With over 10 years of experience working for several different safety product manufacturers, he has a unique experience in bridging OSHA regulatory compliance and safety standards interpretation with engineering requirements and corporate safety strategy. Throughout his career he's been a leader in educating the industry on the benefits of machine safety through hosting best practice industry events, participating in speaking engagements, developing white papers, and writing technical articles. Jeff is also an active member of the Three Rivers branch of ASSE, the ASSE Manufacturing specialty group, and a voting delegate on the ANSI Z244 Lockout/Tagout standards committee.

Topic/Presentation Synopsis :

Machine Safety: Everyone knows it's important, everyone knows it's required, and everyone knows it's just the right thing to do. But how do you move forward when standards are technology seem to be changing every day? Since 2010, it can be argued there have been more standard changes and technology advancements in machine safety than the previous 40 years combined. How are companies embracing these changes? How do they know they have embraced them correctly? As technology becomes more complicated and advanced, it can become very easy to lose sight over how that technology is actually providing a safer place of employment.

At the end of this presentation, the participant will be able to:

Understand how regulations and Industry standards have changed

2. Describe how the latest global safety standards are impacting business
3. Leverage new technology to turn safety into a competitive advantage
4. Define the difference between risk reduction and reliability
5. Identify the key elements in an effective machine safety program
6. Demonstrate how new standards and technology can improve your LOTO Program

Session R9

Thursday, September 24, 2015

1:15 pm – 2:45 pm

Basic Level

Fatality Update

Richard Lambert

DOL-OSHA

230 S. Dearborn Chicago, IL

Phone Number:312-353-2020

E-mail:lambert.richard@dol.gov

Richard began his career as a Compliance Officer in the Calumet City Office, conducting safety and health inspections on construction sites. He was promoted to Assistant Area Director at the Aurora Area Office. Richard is currently an Audit & Analysis Supervisor. Prior to OSHA he worked as a Safety Officer at the Chicago Transit Authority. Richard holds a Bachelor's Degree from Southeastern Oklahoma State University in the field of Occupational Safety and Health and is a Certified Safety Professional.

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Topic/Presentation Synopsis :

This session will discuss fatality statistics and fatality cases within Region V.

At the end of this presentation, the participant will be able to:

1. Understand Region V fatality stats.
2. Describe Region V fatality cases.

Session R10

Thursday, September 24, 2015

1:15 pm – 4:30 pm

Basic Level

OSHA Recordkeeping and Reporting

Paul Seidlitz, R.N.

Consultant

Phone Number: 630-469-9552

E-mail: paulseidlitz@yahoo.com

Paul Seidlitz is retired as a Consultant/Trainer with the Illinois Onsite Safety and Health Consultation Program. Paul continues in private practice conducting interactive training for numerous employers. Paul is a Registered Professional Nurse with over 20 years experience as a safety director in health services and retail industries. A retired Colonel, U.S. Army, Paul functioned as a general duty nurse and training officer. Paul is an authorized OSHA Outreach Trainer.

Candra Jefferson

Compliance Assistance Specialist

US-DOL OSHA

365 Smoketree Plaza North Aurora, IL 60542

Phone Number: 630-896-8700

E-mail: Jefferson.candra@dol.gov

Candra is the Compliance Assistance Specialist for the North Aurora Area Office. She began her career as a General Industry Compliance Officer. Before her start with OSHA, Candra was a Health Inspector at Tazewell County Health Department located in Central Illinois. Candra holds a Bachelor's Degree from Illinois State University in the Environmental Health field.

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Topic/Presentation Synopsis:

Keeping and maintaining accurate injury and illness records are essential for a good business. The accurate records are as important as are records of business costs, sales, profits. This session will discuss the OSHA Recordkeeping and Reporting requirements (29CFR1904) and the changes that went into effect in January 2015.

At the end of this presentation, the participant will be able to:

1. Identify the requirements of the OSHA recordkeeping and reporting rule
2. Complete an OSHA 300 Log and 300A Annual summary
3. Identify resource and reference materials

Session R11

Thursday, September 24, 2015

1:15 pm – 2:45 pm

Intermediate Level

**Combustible Dust Hazard Awareness and Control –
A Review of Available Resources**

Mark Knezovich

Industrial Hygienist – OSHA, Region V Enforcement Programs

US DOL – OSHA

230 S. Dearborn St. Room 3244 Chicago, IL 60604

Phone Number: (312) 886 - 6288

E-mail: knezovich.mark@dol.gov

Mark is a senior industrial hygienist with OSHA's Region V Enforcement Programs unit. Mark has been conducting, advising on, and reviewing combustible dust enforcement inspections conducted under OSHA's Combustible Dust National Emphasis Program since 2008.

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Topic/Presentation Synopsis:

This presentation will identify and briefly review the major resources available to assist employers with the identification and control of combustible dust hazards. A brief review of combustible dust fundamentals will be followed by an extensive review of resources including OSHA guidance, CSB guidance, NFPA guidance, FM Global guidance, and general text book guidance. Information on how to obtain such guidance will also be included in this presentation.

At the end of this presentation, the participant will be able to:

1. Understand the basic fundamentals of combustible dust fires, deflagrations, and explosions.
2. Be able to identify and locate combustible dust hazard guidance applicable to their specific industrial setting.

Session R12

Thursday, September 24, 2015

3:00 pm – 4:30 pm

Intermediate Level

DOT Hazardous Materials: Regulatory Updates & Nuances

Kathy Doyle
Managing Director

Relief EHS

Phone Number:(708) 269-0692

E-mail: kathyEHSdoyle@gmail.com

Kathy Doyle, CHMM, owner of Relief EHS, LLC, helps companies cultivate environmental and safety practices that enhance their existing operations. Previously, Kathy enjoyed 25 years in the hazardous & solid waste industry overseeing corporate EHS processes (ISO, auditing, training, permitting, regulatory guidance), in day-to-day operations, and supporting Fortune 100 clients in the U.S. and Canada.

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Topic/Presentation Synopsis:

DOT Hazmat guidance and regulations have been on the move. This session will provide an overview of recent significant proposed and final regulations related to topics such as safe bulk petrochemical transport, Global Harmonization initiatives, Reverse Logistics, and the ubiquitous lithium battery. In addition, this session will also explore how and when the DOT Hazmat regulations "play nice in the sandbox" with other government agency regulations, such as EPA, OSHA, and DEA, and more importantly, when they don't.

At the end of this presentation, the participant will be able to:

Answer the following questions:

- What are the latest DOT hazardous materials regulatory changes and who has to comply?
- How do Global Harmonization initiatives affect hazardous materials in transit and in storage?
- How do DOT Hazmat regulations affect the transportation of non-hazardous wastes?
- What did DEA say about the transportation related to disposal of pharmaceutical controlled substances?
- What's the big deal about batteries and how do I ship them safely?
- What is Reverse Logistics and why should I care?

Session R13

Thursday, September 24, 2015
3:00 pm – 4:30 pm
Intermediate Level

**Topic Title: The Do's & Don'ts of EPCRA Compliance Reporting and How to
Fix Omissions & Reporting Errors**

Christine Simmons
Air Services Associate
Ramboll Environ US Corporation
333 W Wacker Drive, Suite 2700, Chicago, IL 60606
Phone Number:312-288-3891
E-mail:cksimmons@environcorp.com

Christine Simmons has over five years of environmental engineering and consulting experience, focused on air quality consulting services and EPCRA compliance. Her commercial and industrial experience covers multiple sectors, including steel mills, materials handling and refining, and consumer products. Christine has considerable experience in air permitting, NSPS, MACT, NESHAP, EPCRA, SPCC, and SWPPP.

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Topic/Presentation Synopsis:

Performing accurate EPCRA compliance determinations and calculations can be difficult. Ms. Simmons, through years of experience and having completed many EPCRA compliance projects, will share her experiences and provide knowledgeable insight on the do's and don'ts of EPCRA compliance, focusing on identification, calculations, and reporting.

At the end of this presentation, the participant will be able to:

- Identify commonly overlooked chemicals under EPCRA;
2. Prepare accurate and appropriate calculations for the storage, threshold, and release of chemicals; and
3. Understand the options available for reporting revisions and back-reporting.