

# CHICAGOLAND



## SAFETY, HEALTH & ENVIRONMENTAL CONFERENCE

**M1 Full Day**  
**Monday 9/16 @ 8:30 am**  
**Basic Level**

### OSHA 10 Hour - General Industry

**Brent Bryden**

**Owner**

**InterActive Safety Solutions, Inc.**

Brent is the provider of 10 and 30 hour general industry OSHA card classes and works to provide affordable, employee development through training & risk assessment implementation. He is the provider of multifunctional manufacturing support with a passion toward the effective management of EHS programs for employees & the companies they represent. His focus is to provide continuous improvement in safety training and help as needed to all businesses to identify, predict, decide & execute EHS solutions specializing in on-site & off-site training & assessments implementation.

#### **Topic/Presentation Synopsis:**

Required 10 hour topics per OSHA mandates.

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

- OSHA Card
- Understanding of OSHA
- Understanding Hazards in the Workplace

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## SAFETY, HEALTH & ENVIRONMENTAL CONFERENCE

**M2 90 minute session**  
**Monday 9/16 @ 8:30 am**  
**Basic Level**

### **The Boss Said, Do the Forklift** **Training Tomorrow**

**David G Osadjan**

**consultant**

**Mostardi Platt**

Mr. Osadjan has extensive experience in the EHS field, and over thirty years work including hazardous waste management, safety compliance, preparing Tier II, AER and TRI reports, Indoor Air Quality & Noise Exposure testing. He has been an OSHA Outreach General Industry Trainer for the past thirteen years. Additionally, he has presented various EHS topics including Powered Industrial Truck training for client's personnel. Mr. Osadjan holds a BS from the University of Illinois and an MBA from Western Illinois University. He is a U.S. Navy veteran and a Life member of the Veterans of Foreign Wars, Post 9759.

#### **Topic/Presentation Synopsis:**

If you've ever been tasked with providing safety training and you've got not clue where to start, this is a good training session to attend. We will discuss how to train your employees on properly and safely driving a Powered Industrial Truck at the facility.

#### **At the end of this presentation, the participant will:**

1. Learn how to make safety training engaging as well as informative
2. Learn about vehicle stability and maneuvering
3. Learn the basics of operating a Powered Industrial Truck sit-down, stand-up, scissor lift, boom lift

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## SAFETY, HEALTH & ENVIRONMENTAL CONFERENCE

**M3 90 minute session**  
**Monday 9/16 @10:15 am**  
**Basic Level**

### Greenhouse Gas Emissions Primer

**Amal Agharkar**

**Principal Consultant**

**ERM**

Amal is a Principal Consultant based in ERM's Chicago office focusing on air quality, climate change, and digital solutions. Amal's technical experience includes Federal and State air quality permitting and environmental compliance for clients in technology, oil and gas, chemical, manufacturing, and agriculture sector. His experience in climate change services includes development of scope 1, 2, and 3 GHG inventories on a product and corporate level by implementing carbon accounting cloud solutions including SAP Sustainability Footprint Management (SFM), Persefoni and Salesforce Net Zero Cloud.

#### **Topic/Presentation Synopsis:**

This presentation provides a concise introduction to the essential concepts of greenhouse gas (GHG) emissions accounting. The presentation will provide a basic introduction on the greenhouse effect of greenhouse gas emissions. Further, the presentation will discuss different scopes of greenhouse gas emissions such as Scope 1, Scope 2, and Scope 3. It will give attendees a summary of GHG emissions that need to be considered under each scope and typical methodologies to evaluate. Lastly, the presentation will introduce different tools and methods available for developing the greenhouse gas emissions inventory.

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

- Introduction to GHGs
- Elaborate of Scope of GHG emissions.
- Discuss Tools/Solutions available for Carbon Accounting.

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## SAFETY, HEALTH & ENVIRONMENTAL CONFERENCE

**M4 90 minute session**  
**Monday 9/16 @ 8:30 am**  
**Intermediate Level**

### **The EHS Audit - Do Not Fear!**

**Jason Lang Managing Consultant**

**Ramboll Americas Engineering Solutions**

Jason Lang has worked in the field of EHS consulting as an industrial hygienist and safety professional for over 15 years and has conducted Health & Safety compliance auditing for a wide range of industry clients, including general industry and chemical, pharmaceutical, aerospace, automotive and electronics manufacturing, laboratories, and a variety of construction projects. He is certified by the American Board of Industrial hygiene as a Certified Industrial Hygienist, and with the Board of Certified Safety Professionals as a Certified Safety Professional. Jason currently serves on the Board of Directors for the Chicago Local Section of the AIHA.

#### **Topic/Presentation Synopsis:**

The EHS audit can be a challenging and nerve wracking process that many EHS professionals dread and hope to avoid. But with proper preparation and collaboration by both the auditor and auditees, the process can be extremely valuable and less daunting.

#### **During this presentation, the following learning objectives will be discuss:**

1. The EHS auditing process, roles and responsibilities of all involved participants, and overall objectives of the audit
2. Recommended audit preparations for both the auditor and auditees
3. Communication and collaboration in the audit process
4. Audit Findings and post audit follow up

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## SAFETY, HEALTH & ENVIRONMENTAL CONFERENCE

**M5 90 minute session**  
**Monday 9/16 @ 8:30 am**  
**Intermediate Level**

### Leading with Heart and Wellness

**Julius Rhodes**

**Founder and Principal**

**mpr group**

Julius E. Rhodes, SPHR is a highly engaging and much sought after keynote presenter and trainer. He has regularly presented at the Chicagoland HSE Conference and around the globe with much success.

#### **Topic/Presentation Synopsis:**

As a leader did you know you have a greater impact on your team members well-being than their physician or spouse? As a result you must not only understand this impact but manage it in a way that optimizes opportunities for engagement and success. This session will provide you with tactics and strategies to address this critical situation.

#### **At the end of this presentation, the participant will have:**

- Increased understanding of your role as a leader
- Increased ability to apply learned concepts to facilitate a culture of care and well being
- Increased understanding of the need to address mental health

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## SAFETY, HEALTH & ENVIRONMENTAL CONFERENCE

**M6 Half Day**  
**Monday 9/16 @ 8:30 am**  
**Basic Level**

### **Respiratory Protection Standard & How to Comply.**

**Nick Vent**

**Outreach Instructor**

**Sustainable Workplace Alliance**

Mr. Vent is a nationally recognized and award winning, certified hazardous materials response instructor with 40 plus years' experience training and certifying fire, law enforcement, and environmental professionals who respond to chemical emergencies. He currently conducts Hazmat classes around the country, US Territories and Europe. He teaches various environmental health courses at colleges in California and around the country. Nick Vent retired after 28yrs as a Supervising Environmental Health Specialist with the County of San Diego. He managed the County of San Diego's Hazardous Incident Response Team (HIRT) He holds degrees in Environmental and Occupational Health and Chemistry.

#### **Topic/Presentation Synopsis:**

This course addresses general respiratory hazards, i.e. air purifying vs. atmosphere supplying, and how to determine which is appropriate to use. Discussion includes the revised federal/state respiratory standard and an update on revisions to 29 CFR, 1910.134. Letters of interpretation from OSHA providing clarification and a fill-in-the-blank respiratory protection program both available to participants if requested will ensure compliance. We will discuss how to get your department or facility into compliance if you are not sure how. Best suited for those that are responsible for their departments' or companies' Respiratory Protection Programs

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

1. Identify the components of a Respiratory Protection Program
2. Understanding the hazards covered by your program
3. Understand the needs for medical surveillance before wearing respirators

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## SAFETY, HEALTH & ENVIRONMENTAL CONFERENCE

**M7 90 minute session  
Monday 9/16 @ 8:30 am  
Basic Level**

**Operation Guardian Shield  
"Workplace Violence Prevention &  
You"**

**Brandon Grodsky**

**CEO**

**B and T Security Solutions, LLC**

Brandon is a retired Force Protection and Antiterrorism Non-Commissioned Officer from the United States Army. Over his career he focused on the development and implementation of Physical Security, Antiterrorism, Operation Security and Active Shooter policies. He is a graduate of the United States Army Antiterrorism course, multiple Physical Security and Operational Security courses and has attended countless seminars focusing on Force Protection. His extensive knowledge ensured multiple units in the United States Army had up-to-date and comprehensive Force Protection plans and policies.

**Topic/Presentation Synopsis:**

This presentation will discuss; the history of workplace violence, active shooter training information, prevention recommendations, and what to do after a workplace violence incident occurs.

**At the end of this presentation:**

What I want you to take away from this session is a basic understanding of workplace violence and some of the main reasons it occurs, ways to protect yourself in the unfortunate event that an incident occurs in your workplace, and resources to help and your workplace recover after an incident occurs.



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## SAFETY, HEALTH & ENVIRONMENTAL CONFERENCE

**M8 90 minute session**  
**Monday 9/16 @ 10:15 am**  
**Advanced Level**

### **Alt Safe Methods - LOTO**

**Ron Thomas**

**Director, Health and Safety**

**James Hardie**

I have worked for James Hardie for the past six years. Previously was the Global Director of EHS and Regulatory Compliance for a Global Chemical Manufacture based out of Florida. I spent 6 years in the electrical utility industry and 16 years as an EHS consultant.

#### **Topic/Presentation Synopsis:**

The lockout/tagout standard allows some minor servicing operations of equipment performed during normal production operations to take place without lockout/tagout, as long as certain criteria are met including the use of “alternative measures” that provide effective protection for the workers. The combination of these criteria and the alternative measures are collectively called the “minor servicing exception” that exempts the servicing operation from the lockout/tagout procedure. This session is intended to discuss the application of “alternative methods” and how that is effectively accomplished.

#### **At the end of this presentation, the participant will learn the following Session Objectives:**

- Gain an understanding of Alternative Methods
- Understand there application and limitations
- Understand the interface between OSHA alternative methods requirements and functional machine safety requirements.



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## SAFETY, HEALTH & ENVIRONMENTAL CONFERENCE

**M9 90 minute session**  
**Monday 9/16 @ 10:15 am**  
**Intermediate Level**

### Who's Sitting in Your Chair?

**Don Phillips**

**Corporate EHS Director**

**NTN USA**

Mr. Phillips is Corporate Safety Director for NTN USA, founder/President of SafetyDon, LLC, and a qualified OSHA Outreach trainer in general industry. Don has spoken locally, nationally, and internationally on topics including employee/public safety, compliance, and training. He is a frequent guest on radio and television providing insight on industrial and personal safety, and an author and producer of training presentations. Don is the “Voice of The Coalers”, with a resume of over 3,000 sporting events at the High School, College, and professional level. Don is a regular presenter at CSHEC, including the 2022 keynote.

#### **Topic/Presentation Synopsis:**

Professional leave their job for one of three reasons: Greener Pastures, Retirement, Fired. What happens to your work when you leave? How you leave says a lot about who you are. How you leave also determines what a lot of people will say about you. EHS is a small world and if you're hoping to stay around, what you leave in your wake matters.

#### **At the end of this presentation, the participant:**

In this session we'll talk about succession planning: what it is, what it takes, and what it says. We'll look at three critical aspects of succession planning:

1. How do you find people inside your organization?
2. How do you find people outside your organization?
3. Do they need to be everything you are?

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## SAFETY, HEALTH & ENVIRONMENTAL CONFERENCE

**M10 90 minute session  
Monday 9/16 @ 10:15 am  
Basic Level**

### **Industrial Hygiene - Basics You Can Use**

**Julie Hanebuth**

**Sr. Industrial Hygienist**

**Argonne National Lab**

Julie Hanebuth, CIH, CSP, MPH. Ms. Hanebuth has practiced industrial hygiene for over 35 years in consulting and currently at Argonne National Lab. She is also an adjunct professor at NIU DeKalb. She specializes in hazard communication and occupational exposure assessments.

#### **Topic/Presentation Synopsis:**

The basics of industrial hygiene starts with anticipation, recognition, evaluation, control and confirmation of occupational hazards. Occupational hazards can include exposure to health hazards like chemical vapors and particulates, and physical hazards like noise, heat and radiation. Measurement of these hazards can be done qualitatively or quantitatively with IH instrumentation. This session will be an overview of IH basics and the capabilities and limitations of monitoring equipment.

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

- 1) Understand the fundamental principles of hazard identification and evaluation.
- 2) Recognize potential occupational exposure to health and physical hazards.
- 3) Comprehend the types of IH monitoring equipment – capabilities and limitations.

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**SAFETY, HEALTH &  
ENVIRONMENTAL CONFERENCE**

**M11 90 minute session  
Monday 9/16 @ 10:15 am  
Basic Level**

**Changing Employee Behavior  
using Participatory Training**

**Stephan C Jones Global Program Safety Manager – Ergonomics  
Ecolab Inc**

Steve Jones is a certified Ergonomist with over 30 years experience in industry. He has been at Ecolab for 10 years and has developed unique and effective solutions for the field service, supply chain, logistics, and laboratory businesses.

**Topic/Presentation Synopsis:**

The goal of training is to change behaviors and attitudes. Designing training to be experiential and participatory and covering all learning styles will maximize retention and make a lasting impression on those employees. See how Ecolab has accomplished this with their unique ergonomics training methods.

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

1. How to design interactive training
2. Understand different learning styles and their effectiveness
3. How to maximize outcomes and actually change behavior thru employee engagement

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## SAFETY, HEALTH & ENVIRONMENTAL CONFERENCE

M12 90 minute session  
Monday 9/16 @ 10:15 am  
Intermediate Level

### How Impairment Detection Technology is Changing Workplace Safety

**Dan Zell**

**CEO**

**Gaize, Inc.**

With over two decades of dynamic sales and organizational leadership experience, Dan has played a key role in the growth of numerous early-stage technology solutions. His commitment to driving impactful change in business, communities, and safety sets him apart as a visionary leader in the field.

#### **Topic/Presentation Synopsis:**

Marijuana and other drug impairment cannot be detected through any chemical drug test. This has led to the rise of a new class of test called Impairment Detection Technology. These tools measure how drugs are impacting the body through various methods including reaction time, balance, ocular motion, and memory. This talk will

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

1. Learn about the limitations of chemical drug tests, particularly in cannabis-legal states.
2. Learn about the various types of impairment detection technology being used today.
3. View some real-world use cases for impairment detection technology and how it's being leveraged today to create safer work environments.

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## SAFETY, HEALTH & ENVIRONMENTAL CONFERENCE

**M13 90 minute session  
Monday 9/16 @ 1:15 pm  
Intermediate Level**

### **Silica in Construction: Industrial Hygiene Best Practices**

**Clayton DesJardin Director, Sales and Client Services Chubb Global Risk Advisors**

Clayton graduated from the University of Michigan in 2020 with two Masters of Public Health degrees in Epidemiology and Industrial Hygiene. After graduating, he remained in the Midwest, accepting the position of Industrial Hygienist with a large Detroit-based construction company. Serving as the corporate IH, he served as an internal consultant driving silica and noise monitoring campaigns, as well as an independently led Legionella surveillance program. Additionally, Clayton held site-safety and corporate data analysis responsibilities. He currently works as a Director of Sales and Client services with Chubb Global Risk Advisors where we assists clients with their EHS needs.

#### **Topic/Presentation Synopsis:**

This presentation will go over the best practices for anticipating, assessing, evaluating, and controlling silica during routine construction operations.

#### **At the end of this presentation, the participant will have:**

- 1) Reviewed requirements of respirable crystalline silica standard (29 CFR 1936.1153)
- 2) Understood when and how to sample for respirable crystalline silica
- 3) Discussed implementation of written exposure control plan

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## SAFETY, HEALTH & ENVIRONMENTAL CONFERENCE

**M14 90 minute session**  
**Monday 9/16 @ 1:15 pm**  
**Intermediate Level**

### **Biological Basis of Complacency**

**Sharon Lipinski**

**CEO**

**Habit Mastery Consulting**

Sharon is an author, speaker, and TV personality who has been on live television throughout the country. She holds a certification in Gamification for Training and her award winning articles have appeared in EHS Today, Incident Prevention, and the Professional Safety Journal. She holds a Guinness World Record for the Longest Line of Toothbrushes—3.5 miles! This charity event collected 55,000 toothbrushes and 17,000 tubes of toothpaste for Colorado children. As CEO of Habit Mastery Consulting ([www.habitmasteryconsulting.com](http://www.habitmasteryconsulting.com)), Sharon helps organizations increase their targeted safety behavior by up to 150%.

#### **Topic/Presentation Synopsis:**

The ability to address and solve a problem is greatly increased when the problem is properly understood. Our cutting edge research shares a previously undiscussed component to complacency: basic brain design. This paradigm shifting presentation is rounded out with surveys and in-depth interviews with OSH professionals from around the country to better understand complacency's role in incidents and the techniques that have actually made an impact on the problem.

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

1. Acquire a scientific definition of complacency based on the neurological process that leads to this hazard.
2. Target complacency holistically by addressing 6 key principles
3. Identify and implement specific strategies to target complacency

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## SAFETY, HEALTH & ENVIRONMENTAL CONFERENCE

**M15 Half Day Session  
Monday 9/16 @ 1:15 pm  
Advanced Level**

### Confined Space - Best Practices

**Michael Veseling Instructor / Special Operations Advanced Rescue and Safety**

After a 43 year career in the Fire Service, Mike joined the Advanced Rescue team and now supports emergency operations, instructs and writes programs and policies, and assists in covering outages and special projects.

#### **Topic/Presentation Synopsis:**

A review and discussion regarding the Best Practices for Confined Space operations focused on increased safety, worker protection, and company cost and liability control.

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

1. Increase knowledge of best practice focal points.
2. Further enhance company procedures and practices in a Confined Space entry.
3. Engage in discussions with instructors and peers regarding a wide range of practices aimed at optimizing operations.



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## SAFETY, HEALTH & ENVIRONMENTAL CONFERENCE

**M16 Half Day Session**  
**Monday 9/16 @ 1:15 pm**  
**Intermediate Level**

### **Pre-Task Events: Your Secret** **Weapon to Elevating Leadership** **and Culture**

**Teresa DeVore, Director of Customer Experience & Ben Ross, Customer Success Leader**  
**FactorLab**

For two decades, Mrs. DeVore has helped contractors and energy companies reduce workplace incidents by leveraging emerging technologies, organizational science, and machine learning. She has dedicated her career to studying operational systems complexity, identifying key risk indicators, and collaborating with industry leaders to innovate safer workplaces.

Mr Ross' background spans 20 years, starting as a carpenter and then as a safety professional, giving him a unique perspective on the field. He has been recognized as one of Indiana's "Best and Brightest" in construction and moved into the software business, where he is focused on creating tools to advance the industry.

#### **Topic/Presentation Synopsis:**

Imagine being able to hear and organize every pre-job briefing across your organization—what hidden insights would you discover? Join us to explore how a suite of artificial intelligence (AI) and machine learning (ML) tools for safety are revolutionizing the way organizations harness thousands of conversations across multiple worksites, transforming them into actionable, predictive indicators on leadership and culture. In this interactive workshop, we'll dive into cutting-edge research and share compelling real-world examples that illustrate the crucial role of language in effective leadership, enhancing safety outcomes, and driving project success. Participants will learn a step-by-step process for integrating conversation metrics to evaluate team performance and outcomes, empowering them to make smarter, swifter decisions that not only enhance frontline leadership capabilities but also make progress towards a future where safety becomes an intrinsic part of the organization's culture and day-to-day operations.

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

- Learn how AI/ML can convert critical knowledge from daily pre-job conversations into actionable, predictive indicators on leadership and company culture.
- Explore how this new class of indicators can be used to evaluate team performance, outcomes and uncover opportunities for improvement.
- Learn best practices for integrating conversation metrics to improve team performance, productivity and foster a robust culture committed to safe work practices.

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## SAFETY, HEALTH & ENVIRONMENTAL CONFERENCE

**M17 90 minute session**  
**Monday 9/16 @ 1:15 pm**  
**Basic Level**

### **What Happens When a Delivery of Acid Doesn't Go Into the Tank?**

**Nick Vent**

**Outreach Instructor**

**Sustainable Workplace Alliance**

Mr. Vent is a nationally recognized and award winning, certified hazardous materials response instructor with 40 plus years' experience training and certifying fire, law enforcement, and environmental professionals who respond to chemical emergencies. He currently conducts Hazmat classes around the country, US Territories and Europe. He teaches various environmental health courses at colleges in California and around the country. Nick Vent retired after 28yrs as a Supervising Environmental Health Specialist with the County of San Diego. He managed the County of San Diego's Hazardous Incident Response Team (HIRT) He holds degrees in Environmental and Occupational Health and Chemistry.

#### **Topic/Presentation Synopsis:**

Hazmat incidents happen unexpectedly. This real event occurred during a delivery and brought out problems with the Safety Data Sheet and dangerous properties of the material not pointed out by the SDS. Discussing an incident of this type in a realistic manner will have you thinking and possibly changing your processes. This incident was well controlled and everyone remained safe

#### **At the end of this presentation, the participant will have:**

1. Understanding how to use and interpret the Safety Data Sheet provided by the vendor
2. Understanding how to assess the medical risks of FSA during a spill.
3. Understanding on how to explain the risks to responders during critical incidents
4. Understanding on how to safely respond to this type of a spill

# CHICAGOLAND



## SAFETY, HEALTH & ENVIRONMENTAL CONFERENCE

**M18 90-minute session  
Monday 9/16 @ 1:15 pm  
Intermediate Level**

### **New Hire Safety Orientation: 8 Ways to Make it Engaging**

**JEAN NDANA**

**EHS Corporate Director**

**Bull Moose Tube**

Jean Ndana, CSP, CIH, CHMM, PMP, ASQ-SSBB, ASQ-CQE, has been an occupational HSE practitioner for more than 25 years. His experience spans continents and industries. He has published peer-reviewed articles and presented at safety conferences around the world. Ndana is an external advisory board member of the University of Michigan Center for Occupational Health and Safety Engineering. He works as a senior corporate EHS director leading EHS and sustainability across nine manufacturing plants throughout the U.S. and Canada. Ndana is a professional member of ASSP's Greater Detroit Chapter and a EHS consultant

#### **Topic/Presentation Synopsis:**

Is your new hire safety orientation (NHSO) what could be called instead a "BORIENTATION"? involving an endless torrent of information via multiple slideshows and off the shelf safety videos? Is your NHSO a "one person show"? During your NHSO are you cramming days' worth of information into one day (or less)? Is your NHSO all the above? Do you know that a NHSO is not the proper time nor place to conduct lengthy trainings? It is a venue for basic awareness. Too many times, companies rush through NHSO, making it a box-ticking exercise, not realizing that it is a vital component of any organization's health and safety management system. Because no two companies are identical, avoid relying on generic or boilerplate new hire safety programs. Come and learn how, through the use of simple but effective techniques, tactics and routines, you can develop a NHSO program that is effective and impactful while fitting your organization's unique safety culture, operations and needs.

#### **Objectives of this presentation:**

- Objective #1: Attendees will discover common pitfalls of underperforming new hire safety orientation
- Objective #2: Identify concrete steps required to develop an effective and customized new hire safety orientation program
- Objective #3: Attendees will be able to list concrete key components of an effective and impactful new hire safety orientation program
- Objective #4: Attendees will discover a series of simple but effective techniques, tactics that can be used to make a new hire safety program impactful, stick and yes fun

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## SAFETY, HEALTH & ENVIRONMENTAL CONFERENCE

**M19 90 minute session  
Monday 9/16 @ 3:00 pm  
Intermediate Level**

### **Outdoor Work, Just One Of Five Sources Of Occupational Infectious Disease**

**George Gruetzmacher Industrial Hygiene Engineer/Scientist  
WI State Laboratory of Hygiene**

Dr. Gruetzmacher has over 35 years of experience in occupational health and safety, primarily with the OSHA onsite consultation program in Wisconsin. He has focused on industrial hygiene/health hazards, safety and health program management, and engineering controls. Active with many professional associations including ASSP, ACGIH and ASHRAE, he is a fellow of the AIHA. In addition to his field work and research at the WI State Laboratory of Hygiene, he teaches at UW Whitewater.

#### **Topic/Presentation Synopsis:**

Working outdoors exposes workers to infectious diseases such as lymes disease. The recent COVID pandemic has highlighted the risk from community infectious diseases. These are just two of five different sources of occupational infectious disease. Often overlooked, they need to be part of a routine workplace hazard assessment.

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

- Distinguish the differences between infectious diseases and other occupational illnesses.
- List the five major sources of infectious disease effecting workplaces
- Identify control strategies for infectious diseases in the workplace

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## SAFETY, HEALTH & ENVIRONMENTAL CONFERENCE

**M20 90 minute session  
Monday 9/16 @ 3:00 pm  
Intermediate Level**

### **Safety Training Across Employee Lines & Generations**

**Jeffrey W. Moran Owner Jeffrey W. Moran Group, LLC**

Safety Consultant, retired Shift Commander/Training Officer Woodbridge NJ Fire Dept. Safety & fire Protection in large refineries. Masters of Administrative Science, undergrad: fire Science/Occupational Safety; Poli Sci. Member ASSP Instructor: OSHA Outreach, General Industry NJ Fire Level II, Drill Ground, AHA CPR, Haz-Mat, Confined space, Fire Ground survival

#### **Topic/Presentation Synopsis:**

The presentation will outline basic generational and employee position level characteristics and how they influence learning. The differences in acceptance of and willingness to question information and how we bridge these gaps to get the message across will be the focus. Methods of inclusion and idea exchanges across the levels will be presented.

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

1. Identify the basic characteristics of generations and employee levels.
2. Describe the differences of how these receive and accept information.
3. Use this information to bridge the gaps in developing programs and training.

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## SAFETY, HEALTH & ENVIRONMENTAL CONFERENCE

**M21 90 minute session**  
**Monday 9/16 @ 3:00 pm**  
**Advanced Level**

### **The Minds of our Industries:** **Discussing Mental Health**

**Robert Labbe Jr. Vice President - Risk Engineering Services American Global**

Robert Labbe is a Vice President at American Global, based in the NYC area. Rob has over 25 years of experience managing construction projects with the focus areas of Safety, Quality and Productivity. Rob's first-hand construction industry experience coupled with the perspective gained from his insurance carrier responsibilities makes him an effective and successful leader at American Global. Rob worked for several national and global construction companies in operational roles (Field Engineer, Project Engineer, Superintendent, Project Manager, etc.) with increasing responsibilities. Rob is a graduate of Wentworth Institute of Technology with a Bachelor of Science Degree in Construction Management.

#### **Topic/Presentation Synopsis:**

Mental Health/ Suicide is affecting so many people in so many industries. The more of an understanding that people have struggles, the more likely it will be to make a positive difference in the workplace. This thought-provoking discussion is designed for attendees with varying backgrounds, levels of responsibilities and experiences to understand the problem raise awareness and identify opportunities to assist team members in the workplace.

#### **At the end of this presentation, the participant will learn that:**

Through interactions with business partners at every level of the chain of command, attendees will be able to use strategies discussed to be more effective at:

- Identifying the need for raising awareness
- Utilizing optimal communication channels techniques to help break the stigma
- Identifying a colleague in need of assistance



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**SAFETY, HEALTH &  
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**M22 90 minute session  
Monday 9/16 @ 3:00 pm  
Intermediate Level**

**Lucky 7! The Seven Essential LOTO  
Program Documents**

**Aaron Gelb**

**Co-Managing Partner**

**Conn Maciel Carey LLP**

Aaron Gelb is Co-Managing Partner at Conn Maciel Carey, based in Chicago. Aaron leads the firm's Midwest OSHA Defense Team, representing employers in inspections, investigations, and enforcement actions involving Federal or State OSHA. He manages investigations of catastrophic industrial, construction, and manufacturing workplace accidents. Aaron handles all aspects of OSHA litigation, conducts safety training and compliance counseling. In 2024, CMC's OSHA practice was recognized by Chambers as one of the Top 3 OSHA practice groups in the country for the 3rd year in a row. Aaron was recognized as Band 2-ranked OSHA practitioner in Nationwide OSHA Defense Attorney rankings.

**Topic/Presentation Synopsis:**

OSHA's Hazardous Energy Control (LOTO) Standard is not only one of the most frequently cited standards in general industry, but also one of the most misunderstood and misapplied standards. Given the fact that willful and/or repeat LOTO citations are used to place employers into the Severe Violator Enforcement Program and can be issued on an instance-by-instance basis, not to mention lead to criminal prosecution in the event of a fatality, it is critical for employers to get LOTO right. This presentation will take a deep dive into the seven types of documents that are essential to having an effective LOTO program and which you must be able to produce to OSHA during an inspection.

**At the end of this presentation, the participant will:**

Participants in this session will leave armed with a better understanding of: (1) common mistakes employers make when developing, adopting, and managing LOTO programs; (2) points of emphasis for OSHA inspectors as observed by an OSHA defense lawyer who has contested hundreds of LOTO citations and managed a wide range of significant LOTO-focused inspections; and (3) a checklist of steps they can take upon returning to their workplace to audit and improve their hazardous energy control program.



# CHICAGOLAND



## SAFETY, HEALTH & ENVIRONMENTAL CONFERENCE

**T1 90 minute session**  
**Tuesday 9/17 @ 8:30 am**  
**Level**

### **Future Compliance Leadership -** **Excite the Profession**

**Kevin Igli**

**Retired**

Kevin J. Igli is the former SVP, Sustainability & Chief Environmental, Health and Safety Officer for Tyson Foods, Inc. Mr. Igli led a team of over 500 professionals who oversaw the company's Environmental Management/Compliance, Water Conservation, and Waste processes, Health and Safety and Sustainability in collaboration with all business operating units.

Mr. Igli served as VP Environmental Affairs for Willamette Industries, a leading forest products company based in Portland, Oregon and Director of EHS for Packaging Corporation of America. He served as VP of EHS for Chemical Waste Management and graduated from Malone University with a BA in Biological Sciences.

#### **Topic/Presentation Synopsis:**

What does the future of EHS compliance hold? We need to consider the talent pipeline, corporate leadership's impressions of compliance, on-going and unplanned risks, and future regulatory changes. Accordingly, we have to incorporate ways to excite our profession – how do we effectively attract talent and cement the importance of compliance governance? Can we anticipate how EHS risks will change? How will AI influence our drive for continual improvement? All this and more to be discussed during the Keynote.

# CHICAGOLAND



## SAFETY, HEALTH & ENVIRONMENTAL CONFERENCE

**T2 90 minute session**  
**Tuesday 9/17 @ 10:15 am**  
**Intermediate Level**

### **Hazard and Risk Assessment -** **The Lahaina Wildfire**

**Dennis A. Terpin, Ph.D., O.H.S.T., EMT-P CEO**

**The International Safety & Health Specialists**

Dr. Terpin Retired Senior Industrial Hygienist/Hospital Safety Officer and Emergency Manager at The University of Illinois Chicago (UIC). Dr. Terpin serves on the ASTM F23.65 International Respiratory Protection Committee on Protective Clothing and Respiratory Protection. A Master level Instructor for FEMA/DHS is recipient of the 2023 CSHEMA Lifetime Achievement Award, 2014 Illinois Emergency Management Agency-Emergency Management Achievement Award, the 2014, 2015, 2016, 2017, 2018, 2019 and 2023 - Gold Level DHS/FEMA/Center for Domestic Preparedness Excellence (in the indirect Training Program) Instructor awards and three Center for Domestic Preparedness 5.0 Perfect Instructor Awards.

#### **Topic/Presentation Synopsis:**

The Lahaina fire killed over 100 people razed 2,200 buildings and displacing around 11,000 residents. What challenges faced the emergency responders and Ohana's of Lahaina during those first critical 100 hours.

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

1. Describe the steps that are necessary to perform a hazard and risk assessment for disaster response and recovery.
2. Share real-life experiences that occurred during the first 100 hours of the Lahaina fire.
3. Describe lessons learned in the response to the Lahaina fire.

# CHICAGOLAND



## SAFETY, HEALTH & ENVIRONMENTAL CONFERENCE

**T3 90 minute session**  
**Tuesday 9/17 @ 10:15 am**  
**Intermediate Level**

### Annual Hazardous Waste Training

**Martin Hamper**

**Technical Director**

**Roux Associates**

Mr. Hamper has over 30 years of hazardous waste compliance experience including working for the USEPA Region 5. His broad compliance experiences include RCRA, TSCA/PCB, CWA,/SPCC, CWA/Pretreatment, CERCLA, and UST programs.

#### **Topic/Presentation Synopsis:**

This session will be an overview of the RCRA and Illinois Hazardous Waste regulations and generator responsibilities, with updates. Attendees can use this training towards their annual hazardous waste training as well as preparing them to provide training to their staff.

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

1. Understand waste generator responsibilities.
2. Learn how to characterize wastes.
3. Review waste storage requirements.

# CHICAGOLAND



## SAFETY, HEALTH & ENVIRONMENTAL CONFERENCE

**T4 90 minute session**  
**Tuesday 9/17 @ 10:15 am**  
**Basic Level**

### **AI - My new Safety Assistant**

**Paul Gordon Hylenski Jr. Composites Business Leader ST Engineering**

Paul Hylenski is an Aerospace Composites Manufacturing Operations leader who works at ST Engineering in Middle River, MD. Paul started his leadership journey in the Marine Corps. For the past 15 years, he has worked on multiple different aerospace product lines, managing both the Assembly and Composite fabrication sections of the business. Additionally, he worked as a Six Sigma Blackbelt for the business, focusing on reducing defects and improving output. Paul is passionate about Leadership.

#### **Topic/Presentation Synopsis:**

Exploring how AI can revolutionize leadership, this discussion highlights the potential of technology to automate administrative tasks, thereby allowing leaders to spend more time on meaningful team engagement and connections. This concept challenges the prevalent view of technology as a barrier to human interaction, illustrating instead how it can amplify our humanity in the workplace. Central to the narrative is the phenomenon of change resistance, grounded in psychological theories like Kurt Lewin's Change Management Model. This model explains people's initial resistance to new methods and outlines a process of unfreezing, changing, and refreezing behaviors, providing a framework for seamlessly integrating AI into organizational cultures. The discussion focuses on the practical applications of AI in leadership. Specific AI tools and platforms are introduced, demonstrating how they can streamline processes and enhance team dynamics. These examples showcase AI as a powerful tool for improving leadership effectiveness and fostering a more connected, human-centered work environment. This is about redefining leadership in the AI era. It highlights technology's potential to enhance our best human qualities and transform the way we lead and work, making leadership more empathetic, efficient, and deeply human. Transform your leadership and your teams by becoming an AI Leader.

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

*Understand the Role of AI in Transforming Leadership Practices: Participants will learn how artificial intelligence can revolutionize leadership, shifting the perception of technology from a barrier to an enhancer of human interactions in the workplace. They will gain insights into how AI can automate administrative tasks, allowing leaders to focus more on meaningful team engagement and relationship building.*

*Comprehend and Overcome Resistance to Technological Change: Attendees will grasp the psychological aspects of change resistance in AI integration, guided by Kurt Lewin's Change Management Model. They will explore the process of unfreezing, changing, and refreezing behaviors and develop strategies to facilitate the successful adoption of AI in organizational settings.*

*Develop Practical Skills for Implementing AI in Leadership: The audience will be equipped with practical knowledge of specific AI tools and platforms that enhance leadership capabilities, such as ChatGPT for educational gaming, Asana or Trello for task management, and AI-powered analytics tools. Additionally, they will be encouraged to undertake a 90-day AI Leadership Challenge to automate a process, learn a new AI-related skill or platform, and find creative ways to integrate AI into their professional or personal lives.*

# CHICAGOLAND



## SAFETY, HEALTH & ENVIRONMENTAL CONFERENCE

**T5 90 minute session**  
**Tuesday 9/17 @ 10:15 am**  
**Basic Level**

### Silica, Lead, and H2S, Oh My!

**Eric Hedman**

**Safety Training Specialist**

**City of Naperville**

While spending 25 years in the fire service and seeing first-hand the aftermath of unsafe workplace mishaps, Eric Hedman began educating himself in both construction and general industry safety. Upon retiring from the fire service in 2015, Eric began a second career in safety by holding positions in both fields. Eric holds numerous certificates in safety including his CHST and ASP from the Board of Certified Safety Professionals, the Public Sector Safety & Health Fundamentals for both Construction and General Industry from the OSHA Training Institute and completed the 145-hour Construction Safety Administration course from the Construction Safety Council.

#### **Topic/Presentation Synopsis:**

Construction and work sites are full of hazards that can be seen, but what about the ones you can't? With possibility of sites being contaminated with unseen substances such as lead, asbestos, H2S, hexavalent chromium and more, workers need to know how to detect and avoid contamination of them. This session will look at different contaminants commonly found during demolition and construction operations, how they can be recognized, the effects of being exposed and what can be done to prevent further harm. After attending this session you'll never look at worksite hazards the same again!

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

- Explain the possible unseen hazards based on the worksite.
- Explain the effects of unseen contaminants to workers
- Explain how to prevent exposure from unseen hazards and contaminants.

# CHICAGOLAND



## SAFETY, HEALTH & ENVIRONMENTAL CONFERENCE

**T06 90-minute session  
Tuesday 9/17 @ 10:15 am  
Intermediate Level**

### **Medical & Psychiatric Consequences of Electrical Injury: Best Practices**

**Neil H Pliskin, PhD and Raphael C. Lee, MD  
Neuropsychologist Chicago Electrical Trauma Research Institute**

Dr. Pliskin is a Professor of Clinical Psychiatry and Neurology at the University of Illinois-Chicago and Chicago Electrical Trauma Rehabilitation Institute. He is a board-certified clinical neuropsychologist who has devoted his clinical career to investigating brain trauma and electrical injury. Dr. Lee, a Paul S. and Allene T. Russell Distinguished Service Professor at the University of Chicago and Chicago Electrical Trauma Rehabilitation Institute. He is an electrical engineer and plastic surgeon. His research focused on the biophysical pathogenesis and treatment of trauma including electrical shock injuries. Dr. Lee is the recipient of many awards and honorary degrees.

#### **Topic/Presentation Synopsis:**

Electrical injury can be associated with physical, cognitive and behavioral health changes that often persist and are not precisely understood. In addition to physical disability and chronic pain, problems with emotion regulation and cognitive difficulties can develop and if not adequately treated, these symptoms can also interfere with the survivor's functioning and quality of life. The focus of this presentation will be on the functional neuromuscular and neuropsychological problems that can arise following electrical shock injuries based on research conducted over four decades at the Chicago Electrical Trauma Rehabilitation Institute (CETRI).

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

- Assess the electrical injury parameters and mechanisms of injury
- Discuss common physical, cognitive and psychological symptoms that can occur after electrical injury
- Identify common psychiatric change that occur after electrical injury

# CHICAGOLAND



## SAFETY, HEALTH & ENVIRONMENTAL CONFERENCE

**T7 90 minute session**  
**Tuesday 9/17 @ 10:15 am**  
**Intermediate Level**

### **Incident Inquiries to Achieve Real Solutions**

**Jeffrey W. Moran**

**Owner**

**JWMoran Group LLC**

Safety Consultant, retired Shift Commander/Training Officer Woodbridge NJ Fire Dept. Safety & fire Protection in large refineries. Masters of Administrative Science, undergrad: fire Science/Occupational Safety; Poli Sci. Member ASSP Instructor: OSHA Outreach, General Industry NJ Fire Level II, Drill Ground, AHA CPR, Haz-Mat, Confined space, Fire Ground survival

#### **Topic/Presentation Synopsis:**

The presentation will review basic inquiry/investigation methods. Using a theoretical incident, an in-depth interactive discussion will explore potential causes in order to develop solutions and adjustments to prevent reoccurrences. The analysis will go beyond the “unavoidable”, “employee error” or “bad apple” causes.

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

1. Refresh the basic steps of an inquiry/investigation
2. Seek all the motivations that led to the incident
3. Learn to look at adjustments and changes needed to prevent a recurrence



# CHICAGOLAND



## SAFETY, HEALTH & ENVIRONMENTAL CONFERENCE

**T8 90 minute session**  
**Tuesday 9/17 @ 10:15 am**  
**Intermediate Level**

### **Advancing Ergonomic Solutions for Heavy Machinery Operators**

**Timothy A Pottorff**

**Owner/Principal**

**QP3 ErgoSystems LLC**

Timothy (Tim) Pottorff, MEng, CIE, ARM is an experienced Ergonomist, Business Consultant, Inventor, and Entrepreneur. Pottorff has worked in professional roles with companies such as UPS, Texas Instruments, Alcoa, and Zurich Services Corporation (Zurich Resilience Solutions.) He has consulted with thousands of leading companies and founded QP3 ErgoSystems in 2017, an independent EHS consulting company. As a result of extensive work in the hospitality industry, he developed, trademarked, and patented Ergo Tuck®, a tool designed for easier, better, and safer bed making.

#### **Topic/Presentation Synopsis:**

This presentation focuses on addressing the challenges faced by operators of heavy machinery, and aims to equip participants with practical insights and strategies to enhance safety and performance for heavy machinery operators. Attendees will gain valuable knowledge on the latest advancements in industrial ergonomics, fostering a safer work environment and maximizing operational efficiency.

#### **By the end of this presentation, we will:**

- Delve into the challenges faced by operators of heavy machinery
- Explore innovative ergonomic solutions to minimize physical strain, improve operator comfort, and optimize productivity
- Cover areas such as equipment design, adjustable controls, and vibration reduction, specific to heavy machinery operations

# CHICAGOLAND



## SAFETY, HEALTH & ENVIRONMENTAL CONFERENCE

**T9 90 minute session**  
**Tuesday 9/17 @ 10:15 am**  
**Intermediate Level**

**Send Lawyers, Guns and**  
**Money – or at least lawyers**  
**(Attorney Panel)**

**Don Phillips Facilitates**

**Topic/Presentation Synopsis:**

In EHS, anything can happen and no matter how much we prepare, sometimes we have to respond anyway. Preparing and responding usually involve crossing T's and dotting I's; to make sure we prepared the right way, or we respond the right way. The best way to get it right, on both ends, is to have good counsel. We don't just have good counsel; we have the best.

For today's panel, we have assembled some the most respected attorneys in the area and they're ready to share their insight and most importantly, answer your questions.

From understanding if the property for the new plant is safe to buy, to ensuring you're ready for OSHA, to controlling your work comp; we even have someone on the panel who can help you get the band back together.

We'll open with what's trending in each field, and then spend most of our time taking questions from the audience. Bring your questions, we've got answers.

# CHICAGOLAND



## SAFETY, HEALTH & ENVIRONMENTAL CONFERENCE

**T10 90 minute session**  
**Tuesday 9/17 @ 1:15 pm**  
**Intermediate Level**

### **LOTO & Machine Guarding** **Compliance in the Real World**

**Brandon Jeralds      Division Safety Officer      Fermi Research Alliance**

With a diverse background from insurance, manufacturing, local government, and lab environments I have seen many different types of indicators.

#### **Topic/Presentation Synopsis:**

LOTO and machine guarding are on OSHA's most cited standards again, but why? Compliance in the real world can be difficult because there are so many factors that play into compliance. How does the employer achieve compliance and help remove these topics off of the most cited?

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

- Have a better understanding of the OSHA standards.
- See real world examples of deficiencies and compliance.
- Understand Prevention through design can help increase compliance.

# CHICAGOLAND



## SAFETY, HEALTH & ENVIRONMENTAL CONFERENCE

**T11 90 minute session**  
**Tuesday 9/17 @ 1:15 pm**  
**Intermediate Level**

### **The Power of Connection: Engaging your Audience**

**Robert Labbe Jr. Vice President - Risk Engineering Services American Global**

Robert Labbe is a Vice President at American Global, based in the NYC area. Rob has over 25 years of experience managing construction projects with the focus areas of Safety, Quality and Productivity. Rob's first-hand construction industry experience coupled with the perspective gained from his insurance carrier responsibilities makes him an effective and successful leader at American Global. Rob worked for several national and global construction companies in operational roles (Field Engineer, Project Engineer, Superintendent, Project Manager, etc.) with increasing responsibilities. Rob is a graduate of Wentworth Institute of Technology with a Bachelor of Science Degree in Construction Management.

#### **Topic/Presentation Synopsis:**

As safety professionals, we are often looking towards the latest and greatest technologies to tackle some of our challenges. Some of the biggest challenges that we face daily have to do with people's attitudes and personalities. Many of our organizations struggle with being "siloe" and/ or being able to get the messages out to our intended internal and external audiences (Executives, Supervision, Workers, Subcontractors, agencies, etc.). This interactive discussion is designed for attendees with varying backgrounds, levels of responsibilities and experiences will identify challenges in the workplace at all levels that affect safety, as well as ideas on how we can more effectively engage ownership, upper management, supervisors and the workforce for More Effective (Leadership, Professionalism, Communication, Results, etc.). By having a group discussion with varying backgrounds, we can better understand how to get our messages to our intended audiences in a more efficient manner. It is often said that no matter how good our message is if no one is engaged or listening then the message is not being received.

#### **At the end of this presentation, the participant will learn that:**

Through interactions with internal and external business partners at every level of the chain of command, attendees will be able to use strategies discussed to be more effective at unlocking the potential of engagement and connectivity by:

- Developing a strategy to connect with the audience
- Engaging the intended audience understanding any audience
- Employing proper Communication Channels and optimal communication techniques



**T12 90 minute session**  
**Tuesday 9/17 @ 1:15 pm**  
**Intermediate Level**

## **Using AI to Make Your Job Rotation Program More Effective**

**Jennifer Lamas and Erin Modiano**

**Workers Compensation Specialist and Senior Workers Compensation Specialist for Chubb Insurance**

Jennifer provides safety and health services to clients in the hospitality, manufacturing, and professional services industries. She specializes in hazard identification, evaluation, mitigation, and control, with the primary goal of loss prevention. Jennifer's current responsibilities include providing risk management services to Chubb's largest, multi-location key accounts.

Erin's expertise includes working with clients' needs specific to workers compensation including account coordination for exposures including automotive, food, life sciences, and industrial. Her focus for these clients is to identify and reduce their exposures with the development and implementation of service plans.

### **Topic/Presentation Synopsis:**

This discussion will share a perspective on utilizing artificial intelligence to manage an effective job rotation program. Identifying musculoskeletal disorders and the risk factors associated with repetitive motion tasks will help guide an effective job rotation strategy for maintaining ergonomic health within the workplace. Job rotation is an important aspect to help reduce physical strain and stress on the body, which in turn can improve productivity, job satisfaction and overall well-being. A historical perspective on job rotation will be provided along with a discussion surrounding the more commonly used ergonomic assessment tools such as Rapid Entire Body Assessment (REBA), Rapid Upper Limb Assessment (RULA), and the Strain Index, and the challenges associated with their processes. With the addition of artificial intelligence, the landscape of ergonomic evaluating has changed by improving the speed and accuracy of industrial ergonomic assessments specific to job rotation. Real-life examples will be provided on assessments completed for companies with multiple station assembly lines. Examples will include developing a job rotation matrix and summarizing best practices for successful implementation. Additionally, the differences between the application of engineering controls versus administrative controls regarding job rotation will be addressed.

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

- Take your job rotation program to the next level by using artificial intelligence technology to increase the speed and accuracy of your assessments and integrate them into your industrial process. This session will discuss the challenges and best practices to make job rotation an effective strategy and successful addition to your overall industrial ergonomics program.
- Identifying when a job rotation program is beneficial to your workplace and what tools are available to increase the overall effectiveness.
- Recognizing that an effective job rotation program can help reduce the number of musculoskeletal-related injuries associated with repetitive work.

# CHICAGOLAND



## SAFETY, HEALTH & ENVIRONMENTAL CONFERENCE

**T13 Half Day Session**  
**Tuesday 9/17 @ 1:15 pm**  
**Basic Level**

### Other Measures to Control Hazardous Energy

**Chris Gerges**

**Safety Consultant**

**DAK Machine Safety Services, LLC**

Chris has over 17 years in the machine safety industry. He has contributed to the standards committees with his involvement in the development of the ANSI, ISO, ASSP and NPE standards. He holds a degree in Electrical Engineering and an Executive MBA. He is a TUV Functional Safety Engineer in machinery safety.

Chris is a Machine Safety Consultant and Owner of DAK Machine Safety Services, LLC. He has assisted in developing numerous standards and has served as an expert witness as a machine safety expert related to machine incidents standards Involvement

#### **Topic/Presentation Synopsis:**

The presentation is on lockout tagout and alternative methods, ANSI Z244.1. The focus will be on how alternative measures (interlocks, light curtains, laser scanners, etc.) can be implemented to achieve reliable hazardous energy for certain tasks and how the risk assessment process assists in achieving it.

Today's industrial machines are more complex than prior years, with advanced reliable components that when properly implemented provide a reliable means of hazardous energy control for predetermined and assigned tasks.

#### **At the end of this presentation, the participant will have knowledge of:**

- Hazardous energy control (electrical, pneumatic, hydraulic, gravitational...) - too much focus tends to be on electrical control but often forget about other energies
- Steps needed to achieve compliant alternative methods
- Examples of properly and improperly implemented alternative measures

# CHICAGOLAND



## SAFETY, HEALTH & ENVIRONMENTAL CONFERENCE

**T14 Half Day Session**  
**Tuesday 9/17 @ 1:15 pm**  
**Intermediate Level**

### **Interpreting Industrial Hygiene** **Results**

**George Gruetzmacher Industrial Hygiene Engineer/Scientist**  
**WI State Laboratory of Hygiene**

Dr. Gruetzmacher has over 35 years of experience in occupational health and safety, primarily with the OSHA onsite consultation program in Wisconsin. He has focused on industrial hygiene/health hazards, safety and health program management, and engineering controls. Active with many professional associations including ASSP, ACGIH and ASHRAE, he is a fellow of the AIHA. In addition to his field work and research at the WI State Laboratory of Hygiene, he teaches at UW Whitewater.

#### **Topic/Presentation Synopsis:**

Reading and understanding an industrial hygiene sampling report can be very confusing. Aimed for the non-IH, this interactive workshop will challenge safety professionals and managers to review industrial hygiene exposure assessment reports, evaluate the sampling, and determine appropriate management responses.

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

- Describe the AIHA sampling strategy
- Compare different sources of variability
- Outline the five AIHA exposure categories, and associated control recommendations
- Apply industrial hygiene “rules of thumb” to interpret example sampling results



# CHICAGOLAND



## SAFETY, HEALTH & ENVIRONMENTAL CONFERENCE

**T15 Half Day  
Tuesday 9/17 @ 1:15 pm  
Basic Level**

### **Environmental Compliance 101 for Safety Managers**

**Jess Black, CHMM**

**Senior Environmental Advisor**

**Tora Consulting**

Jess has over 20 years of expertise in federal and state multi-media compliance throughout the US and Canada. Jess regularly assists clients with routine plans and reports, as well as responding to violation notices, and developing in-house programs to manage compliance on a daily basis. As a Certified Hazardous Materials Manager (CHMM), ISO 14001 and 45001 Lead Auditor Jess enjoys speaking with and working with folks throughout an organization in order to facilitate an integrated approach to environmental and safety management.

#### **Topic/Presentation Synopsis:**

Did you find yourself suddenly responsible for environmental compliance, without much training to bring you up to speed? This session is geared toward the seasoned safety professional who wants to know the basics of how to keep their facility in compliance with environmental requirements and out of enforcement. We'll go over the basics of water, waste, and air programs that apply broadly to many types of facilities. We'll also introduce you to some resources that can save time and energy while also promoting a proactive, rather than reactive approach to environmental compliance responsibilities.

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

- The basic language of environmental compliance
- A description of basic programs and which regulations may apply to your facility
- Where to find resources for environmental compliance when you need a hand, and how to avoid common pitfalls

# CHICAGOLAND



## SAFETY, HEALTH & ENVIRONMENTAL CONFERENCE

**T17 90 minute session**  
**Tuesday 9/17 @ 3:00 pm**  
**Intermediate Level**

### 911 Can't Be Your Rescue Plan

**Eric Hedman**

**Safety Training Specialist**

**City of Naperville**

While spending 25 years in the fire service and seeing first-hand the aftermath of unsafe workplace mishaps, Eric Hedman began educating himself in both construction and general industry safety. Upon retiring from the fire service in 2015, Eric began a second career in safety by holding positions in both fields. Eric holds numerous certificates in safety including his CHST and ASP from the Board of Certified Safety Professionals, the Public Sector Safety & Health Fundamentals for both Construction and General Industry from the OSHA Training Institute and completed the 145-hour Construction Safety Administration course from the Construction Safety Council.

#### **Topic/Presentation Synopsis:**

Each year serve injuries and fatalities occur on jobsites and workplaces involving confined spaces and working from heights. Relying solely on 911 and first responders is not a proper rescue plan and will almost always lead to disaster. Onsite workers with proper training and equipment are essential to saving lives when dealing with a tragedy at work. This session will look at the components of a well thought out rescue plan and advancements in rescue equipment. Don't let 911 be your only plan to save a life.

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

- Explain the requirements for an OSHA recommended rescue plan.
- Create an effective rescue that goes beyond calling 911.
- Demonstrate rescue techniques that can be taught to frontline employees that work from heights and in confined spaces and trenches.

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## SAFETY, HEALTH & ENVIRONMENTAL CONFERENCE

**T18 90 minute session**  
**Tuesday 9/17 @ 3:00 pm**  
**Intermediate Level**

### **Engaging a diverse workforce to drive safety culture**

**Carlos Galindo Director - Health and Safety Services US Compliance**

Carlos joined U.S. Compliance in 2003 and is Director for the Health and Safety division. He has primarily been involved in providing Health and Safety supporting services to clients throughout the U.S. and Mexico. He has extensive experience working within the chemical industry as well as general manufacturing, focusing on OSHA compliance. He has supported operational and business development efforts within the Health and Safety Division and has assisted numerous clients with OSHA inspections, post-incident investigations, and the development of abatement plans. He has worked closely with electrical safety partners to achieve compliance with OSHA and NFPA consensus standards.

#### **Topic/Presentation Synopsis:**

As our workforce continues to diversify to include new generations, technology and nationalities what are we doing as safety professionals to engage them? The presentation will focus on engaging multiple generations in the workforce and the Latino demographic into creating a safety culture with their input and buy in.

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

1. Understand the generational needs & desires of success at work.
2. Understand the needs of the Latino employee & the differences that are present.
3. Communicate methods for the Latino & multigenerational workforce.

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## SAFETY, HEALTH & ENVIRONMENTAL CONFERENCE

**T19 90 minute session**  
**Tuesday 9/17 @ 3:00 pm**  
**Basic Level**

### **Industrial Hygiene-Let's Keep It** **Simple!**

**Jason Demeter**

**VP, Health & Safety Services**

**Industrial Safety & Environmental Services, a US Compliance Company**

Jason Demeter is an EHS professional with over 20 years of experience. Jason is a Certified Industrial Hygienist, Certified Safety Professional, and holds a Master's Degree in Safety Management from Indiana State University. He has worked with manufacturing companies in the South Bend/Elkhart Indiana area and other locations throughout the US. Jason successfully implemented EHS management systems, compliance programs, employee engagement activities and led cultural changes to improve EHS performance. Jason has taught safety training classes and led speaking engagements on various safety topics. Jason is the VP of Health and Safety Services and part owner of Industrial Safety & Environmental Services, LLC.

#### **Topic/Presentation Synopsis:**

Industrial hygiene does not have to be intimidating although it is often perceived that way. Many safety professionals avoid this for fear of complexity and interpretation. The purpose of this presentation is to discuss how simple industrial hygiene sampling can be. During this presentation, we will discuss basic sampling methods for common chemicals such as welding fumes, paint vapors, dusts, and other common chemicals in typical manufacturing plants. We will also discuss how to interpret the results to make solid recommendations if necessary.

#### **At the end of this presentation, the participant will have knowledge of:**

- Introduction to industrial hygiene
- Common sampling methods
- Interpreting the results

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## SAFETY, HEALTH & ENVIRONMENTAL CONFERENCE

**W1 90 minute session**  
**Wednesday 9/18 @ 8:30 am**  
**Basic Level**

### **Getting a 'Handle' on OSHA's National Emphasis Program (NEP) for Warehousing & Distribution Center Operations**

**Peter Pekala & Mark Knezovich**  
**Occupational Safety and Health Specialists**  
**U.S. Department of Labor - Occupational Safety and Health Administration**

Peter Pekala has been with OSHA since 2012 as an inspector and now as a safety specialist at the Chicago Regional Office. He provides a wide range of technical support in general industry safety for the enforcement activities of the region's thirteen area offices.

Mark Knezovich MS, CIH has been with OSHA for over 18 years. Mark has served as the Regional Ergonomics and Heat Coordinator for Chicago Region since 2015 where he has performed, reviewed, and assisted with numerous ergonomics investigations resulting in the issuance hazard alert letters or violations in various industries including warehousing and distribution.

#### **Topic/Presentation Synopsis:**

Join us for an insightful session on the Occupational Safety and Health Administration's NEP for Warehousing and Distribution Center Operations. This session is designed to equip managers, safety professionals, and stakeholders with essential knowledge on the safety and health hazards covered under the NEP, and practical methods to achieve compliance.

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

1. Gain an understanding of OSHA's Warehousing NEP, including its objectives, scope, and enforcement priorities;
2. Identify the common safety and health hazards prevalent in warehouse environments; and,
3. Discuss proactive measures to mitigate identified risks and prevent workplace accidents.

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**SAFETY, HEALTH &  
ENVIRONMENTAL CONFERENCE**

**W2 90 minute session  
Wednesday 9/18 @ 8:30 am  
Intermediate Level**

**Promoting Sustainability -  
Basic Strategies & Practical  
Examples**

**Todd Dresser, Environmental Audit Practice Leader  
Chubb Global Risk Advisors**

Mr. Dresser is a Certified Hazardous Materials Manager (CHMM), Certified Environmental Auditor (CEA), and a Massachusetts Toxics Use Reduction Planner (TURP). He has more than 30 years experience conducting compliance and sustainability audits, and helping facilities achieve compliance and successfully develop and implement a range of sustainable practices. He has helped a variety of public and private organizations reduce waste generation, decrease energy and water usage, while achieving significant financial savings by promoting improve resource utilization.

**Topic/Presentation Synopsis:**

Promoting Sustainability - Basic Strategies & Practical Examples

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

1. Review basic strategies for promoting sustainable practices at the plant level.
2. Provide tips and suggestions for how to initiate a sustainability program and developing a support team.
3. Review common targets and practical examples of successful sustainable projects.



# CHICAGOLAND



## SAFETY, HEALTH & ENVIRONMENTAL CONFERENCE

**W3 90 minute session**  
**Wednesday 9/18 @ 8:30 am**  
**Basic Level**

### **How to Effectively Implement** **ISO Management Systems in the** **Real World**

**Giulia Aliyeva Founding Director, PhD, CSP HSSE & Business Consulting**

Giulia is the founder and director of HSSE & Business Consulting, a company that provides environmental, health, safety, and sustainability services for mission-critical projects and risk management initiatives. She has over 20 years of international consulting and leadership experience in EHS across various industries such as manufacturing, pharmaceutical, and oil & gas. She has held global senior leadership roles with multinationals like Itochu, Marubeni Itochu Steel, and PerkinElmer. She created, improved, and executed EHS programs, streamlined integration of regulatory compliance, established EHS management systems (ISO14001/ISO45001), and led Environmental, Social, Governance and climate-related initiatives. Giulia is a certified ISO14001/ISO45001 auditor, and Adjunct Instructor at Northern Illinois University, DeKalb, IL.

#### **Topic/Presentation Synopsis:**

With a focus on efficacy, the session will cover essential strategies and elements of implementing ISO 14001 (Environmental Management System) and ISO 45001 (Occupational Health & Safety Management System), such as establishing organizational commitment, conducting comprehensive gap analyses, developing robust policies and procedures, and fostering a culture of continual improvement. Drawing on real-world examples and best practices, participants will be engaged in group activities using practical tools that can be leveraged to ensure the successful systems implementation and ensuring understanding of strategies for achieving excellence in EHS management through the effective adoption of ISO 14001 and ISO 45001 standards.

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

This presentation will explore the process of implementing ISO 14001 (Environmental Management System) and ISO 45001 (Occupational Health and Safety Management System) with a focus on efficacy. Through the review of key implementation strategies, attendees will gain valuable insights into navigating the complexities of these management systems. The session will cover essential elements such as establishing organizational commitment, conducting comprehensive gap analyses, developing robust policies and procedures, and fostering a culture of continual improvement. Drawing on real-world examples and best practices, participants will be engaged in group activities using practical tools that can be leveraged to ensure the successful implementation of the systems within their organizations. The presentation aims to provide an understanding of strategies for achieving excellence in environmental and occupational health and safety management through the effective adoption of ISO 14001 and ISO 45001 standards.



# CHICAGOLAND



## SAFETY, HEALTH & ENVIRONMENTAL CONFERENCE

**W4 90 minute session**  
**Wednesday 9/18 @ 8:30 am**  
**Intermediate Level**

### **TSCA Update: EPA Chemical** **Risk Assessments for Worker** **Exposure**

**Kevin Aikman & Robert Rottersman**  
**Principal Ramboll Americas Engineering Solutions, Inc.**

Dr. Aikman earned his Ph.D. in Plant Biology from Southern Illinois University Carbondale. He earned his ABIH certification/CIH in 1998 and AIHA Fellow in 2014. Dr. Aikman has performed numerous occupational exposure assessments in both general and construction industry over his 30 year career. He is an active participant in AIHA's Governmental Affairs Committee that reviews/comments on proposed regulations. He is currently Principal at Ramboll where he directs and provides technical oversight on projects in several disciplines; industrial hygiene, hazardous building materials, indoor environmental quality, mold & moisture, disaster response, water quality, and expert litigation services.

#### **Topic/Presentation Synopsis:**

The Toxic Substances Control Act (TSCA), as amended by the Frank R. Lautenberg Chemical Safety for the 21st Century Act, requires the EPA to evaluate the safety of existing chemicals. This is a three-stage process that involves prioritization, risk evaluation, and risk management. Pursuant to TSCA section 6(b), EPA has the authority to assess unreasonable risks of injury to health, without consideration of the costs of other nonrisk factors, including an unreasonable risk to potentially exposed or susceptible subpopulations identified as relevant to the risk evaluation process, under the conditions of use. The EPA has designated 20 chemical substances of high-priority chemicals for risk evaluation. This process includes developing existing chemical exposure limits that are significantly lower than existing occupational exposure limits using the most sensitive health endpoint. This presentation will provide an overview of the EPA final and proposed rules, the potential impact on occupational exposure assessments, and a case study for Pigment Violet 29.

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

1. Review of EPA TSCA Risk Assessments for existing chemicals.
2. How does the EPA address unreasonable risk of injury to human health.
3. Discussion of EPA proposed existing chemical exposure limit (ECEL) and workplace chemical protection program (WCPP).

# CHICAGOLAND



## SAFETY, HEALTH & ENVIRONMENTAL CONFERENCE

**W5 90 minute session**  
**Wednesday 9/18 @ 8:30 am**  
**Intermediate Level**

### PSM/RMP - Flaws, Findings & Fixes

**Bob Presley**

**Managing Principal**

**Eagle Environmental Management, LLC**

Bob is Managing Principal for Eagle Environmental Management, LLC, a firm he started in 2004. He has directly developed, managed, audited, trained, or consulted on RMPs and PSMs for over 400 Sites in 30 states and Canada. Services included developing training materials, SOPs, performing process hazard analysis, conducting hazard assessments, prevention program development, emergency response program development and drills, development of written plans, communication program development and complete program management system. Clients included chemical companies, utilities, food/beverage operations, agricultural, pipelines, petroleum operations, grain handling operations, various metal processing/ fabrication operations, and pharmaceutical research facilities. He is a frequent lecturer and trainer.

#### **Topic/Presentation Synopsis:**

Changes in RMP requirements and interpretations based on court rulings, recent rule additions, pending PSM updates and the impact they have on your PSM/RMP programs. Best Management Practices (BMP) learned the hard way, based on PSM/RMP work at over 300 facilities across the United States and Canada. Observations from this work will address challenges faced by both small and large organizations, highlighting both the problem and the corrective action. Will also share insights based on interaction with OSHA, EPA, and State Regulatory Authorities and what they see as both "low hanging fruit" that facilities overlook and more serious chronic shortcomings. Presentation will take a look at enforcements trends in the Accidental Release arena and the directions those trends are taking, including the all-encompassing General Duty Clause. Final focus will be on laying out an effective RMP/ PSM program with simple cost-effective solutions to establish a safe, compliant program that is reproduceable and sustainable.

#### **At the end of this presentation, the participant will:**

- Understand new rules, interpretations and timing,
- Recognize regulator "low hanging fruit" in your program & how to address it
- Develop a cost-effective, easy to maintain PSM/RMP program

# CHICAGOLAND



## SAFETY, HEALTH & ENVIRONMENTAL CONFERENCE

**W6 90 minute session**  
**Tuesday 9/17 @ 10:15 am**  
**Intermediate Level**

### Leading Indicators, Lagging Indicators, and HOP, Oh My!

**Brandon Jeralds    Division Safety Officer    Fermi Research Alliance**

With a diverse background from insurance, manufacturing, local government, and lab environments I have seen many different types of indicators.

#### **Topic/Presentation Synopsis:**

Many are moving away from lagging indicators, but is this the right decision? Is there a way to use both leading and lagging indicators? Let's find out!

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

- Participants will learn how lagging and leading indicators can interact.
- Participants will be able to help identify potential indicators for their employment.
- Participants will gain an understanding how indicators can help improve organization performance.

# CHICAGOLAND



## SAFETY, HEALTH & ENVIRONMENTAL CONFERENCE

**W7 90 minute session**  
**Wednesday 9/18 @ 10:15 am**  
**Intermediate Level**

### **Managing Crane Liability, Safety and Risk Exposures**

**David Wessin      Vice President, Risk Engineering      American Global**

David has been in the construction industry for over 45 years, working with both national, and international firms with a diverse portfolio of projects. As VP Loss Control, David managed 25 bilingual safety professionals overseeing over a billion dollars in work. He served as Safety Director for the largest crane company in Florida and served on a crane task force in Miami-Dade County. David has served as a judge for the AGC CSEA national awards, and won first place in San Juan Puerto Rico. David founded the Safety Alliance organization 12 years ago and a safety and risk consulting company.

#### **Topic/Presentation Synopsis:**

Our diverse panel will consist of a crane litigation attorney, someone from the insurance industry, and construction manager. Our interactive discussion with panelists and Q&A from participants will provide them information and a better understanding for managing crane safety and risk exposures on construction projects.

#### **At the end of this presentation, the participant will have learned about:**

- Hidden risks with crane activity on projects
- Best practices for managing crane activity
- Defending against crane litigation

# CHICAGOLAND



## SAFETY, HEALTH & ENVIRONMENTAL CONFERENCE

**W8 90 minute session**  
**Wednesday 9/18 @ 10:15 am**  
**Intermediate Level**

### **What Your Boss Wants...&** **How to Give it to Them**

**Don Phillips**

**Corporate EHS Director**

**NTN USA**

Mr. Phillips is Corporate Safety Director for NTN USA, founder/President of SafetyDon, LLC, and a qualified OSHA Outreach trainer in general industry. Don has spoken locally, nationally, and internationally on topics including employee/public safety, compliance, and training. He is a frequent guest on radio and television providing insight on industrial and personal safety, and an author and producer of training presentations. Don is the “Voice of The Coalers”, with a resume of over 3,000 sporting events at the High School, College, and professional level. Don is a regular presenter at CSHEC, including the 2022 keynote.

#### **Topic/Presentation Synopsis:**

EHS is 10% of your boss’s job, if you’re lucky. If your boss is 10% of the CEO’s job, that makes EHS 1%, if your lucky. That means you’ve got 6 minutes in a 1-hour meeting with your boss, and your boss has 1.2 minutes to cover EHS with his boss in a 2-hour meeting, if you’re lucky. How do you cram a week’s worth of EHS into 6 minutes your boss can cut down to 1? The answer to that question depends on your boss, and your boss’s boss.

#### **In this presentation, we will talk about:**

1. Understanding what information your boss, and their boss need.
2. How to give the information to senior and executive management.
3. Getting what you need from your bosses.

# CHICAGOLAND



## SAFETY, HEALTH & ENVIRONMENTAL CONFERENCE

W9 90 minute session  
Wednesday 9/18 @ 10:15 am  
Intermediate Level

### Benefits of Implementing Process Safety Management Principles

**Mary Prisby CSP, CHMM**

**EHS Manager**

**AB Specialty Silicones**

Mary has been Instrumental in developing and implementing programs for EHS Management Systems, i.e., ISO 45001, ISO 14001, ACC RCMS and SOCMA. Over the past four years Mary has been part of the rebuilding of AB Specialty Silicones as the EHS Manager driving ISO 45001 registration and PSM principles. Mary has remained active with local ASSP Chapters as she has transitioned jobs including Hawkeye, Badgerland, and WI Chapters.

#### **Topic/Presentation Synopsis:**

EHS Management systems are part of a strong business plan. The discussion will include implementation of PSM elements into facilities that are not obligated to fulfill 29CFR1910.119.

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

- Examine your existing processes and the relationship with PSM
- Generalize your current EHS Management systems with PSM
- Outline a game plan for PSM implementation.

# CHICAGOLAND



**W10 90 minute session**  
**Wednesday 9/18 @ 10:15 am**  
**Basic Level**

## **Food Fright! Chemical/Safety Hazards in the Food Industry**

**Theodore J. Hogan, PhD, CIH Associate Professor Northern Illinois University**

Dr. Hogan teaches safety, health and environmental sustainability at NIU. As an EHS consultant, he worked on EHS matters for food production facilities throughout the Midwest. Ted was a member of the ACGIH Threshold Limit Values Chemical Substances Committee (2012-2022).

### **Topic/Presentation Synopsis:**

Before your lunch gets to your plate, workers along the food production chain may have been exposed to health and safety risks. We will trace workers' risks embedded in each bite of food including hydrogen sulfide, pesticides, flavorings, dusty food ingredients, wood smoke, phosphine fumigants, disinfectants, confined spaces, heat stress, infectious agents, bloodborne pathogens, and even ammonia gas. We will also discuss the emerging impacts of climate change on food workers' health and the history and recent misuse of child labor in food production.

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

1. Identify potential acute and chronic health effects of working with chemicals used from farm to table, including food plant sanitation agents.
2. Recognize the unique sources of common safety hazards in food production facilities.
3. Understand the health/safety impacts on children who worked in food production.



# CHICAGOLAND



## SAFETY, HEALTH & ENVIRONMENTAL CONFERENCE

W11 90 minute session  
Wednesday 9/18 @ 1:15 pm  
Basic Level

### Sustain your Lockout program through digital solutions

**Colin Huth**

**Strategic Account Manager**

**Brady Corporation**

With over a decade of experience, Colin specializes in guiding clients through the creation, management, and sustainability of visual safety and LEAN programs. He has led the implementation of enterprise-wide lockout tagout programs. As a Strategic Account Manager, Colin is adept at fostering long-term, mutually beneficial relationships with clients.

#### **Topic/Presentation Synopsis:**

During this 90-minute session, we'll review OSHA 1910.147 Lockout Tagout regulations. We'll review six common steps to create an effective program and explain why lockout programs may fail. We'll also take a closer look at a digital solution that would improve the document management workflow of your Energy Control Procedures (ECPs).

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

This session's objectives are to review the history of Lockout Tagout and provide an overview of the regulations and overall impact. The goal is to provide attendees with best practices to address various lockout tagout program requirements. We'll also review ways to improve your lockout program by adding Visual Controls to the workplace. Lastly, we'll address ways to modernize your Lockout Tagout Program through digital solutions.

# CHICAGOLAND



## SAFETY, HEALTH & ENVIRONMENTAL CONFERENCE

W12 90 minute session  
Wednesday 9/18 @ 1:15 pm  
Basic Level

### Air Compliance Tracking - Building a Tracker That Works

**Sarah Doliber, PG, CES, CHMM, TURP**  
**Section Lead, Environmental Compliance Mabbett & Associates**

Sarah is an Environmental Compliance Consultant with over 11 years of experience working for private sector and government clients. She has worked with a range of environmental programs including Stormwater, Air Emissions, Hazardous Waste, Spill Prevention, and Hazard Communication. Sarah began her career as a field geologist before crossing over into a more compliance based role several years ago. Though she has traveled throughout the country on behalf of various clients, she has been primarily based on the east coast and recently relocated to the Chicago area while working for Mabbett & Associates.

#### **Topic/Presentation Synopsis:**

Learn how to build (or rebuild) your air emissions compliance tracker so that it works for you. Are you unsure what you need to be tracking or how to calculate the correct emissions for your facility? Do you have a tracker that you inherited that no longer reflects the current status of your facility? Join us while we discuss some of the basic functions and set ups for an air tracker, some tricks and tips to upkeep, and how to update your tracker without breaking it.

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

- Understand the basic function and requirements of your air tracker
- Learn the basic air emission calculations and conversions
- Have tips and tricks to creating a robust air tracker

# CHICAGOLAND



**W13 90 minute session  
Wednesday 9/18 @ 1:15 pm  
Intermediate Level**

## **PFAS: Regulations & State of the Science**

**Frank Pagone, PhD, CIH Senior Manager RHP Risk Management Inc.**

Dr. Frank Pagone, PhD, CIH is a Senior Manager and Certified Industrial Hygienist at RHP Risk Management Inc. in Chicago, IL. Dr. Pagone provides support and execution of environmental health and safety services defining, analyzing, characterizing, assessing, and managing occupational and non-occupational risks to human health and the environment and conducts research of a variety of environmental health and safety topics.

### **Topic/Presentation Synopsis:**

Per- and Polyfluoroalkyl Substances (PFAS) are a group of manufactured chemicals used in a variety of industries and consumer products due to a strong carbon-fluorine bond providing oil, water, and stain resistant properties. On October 18th, 2021, the EPA announced the release of the PFAS Strategic roadmap (2021-2024) which set anticipated timelines and key action items for addressing PFAS. This presentation will focus on PFAS chemistry; current and future regulations with a focus on the status of the EPA PFAS Strategic Roadmap (e.g., EPA MCL, TSCA) ; sampling and analytical methods; and discussions of research initiatives and studies on exposure and dose values to evaluate human health impact.

### **At the end of this presentation, the participant will have:**

- Understanding the basic science and chemical structures, lifecycle, and uses of PFAS.
- Awareness of current and future PFAS regulations (State and National).
- Familiarization with research initiatives and studies on exposure, dose, and human health impact.

# CHICAGOLAND



## SAFETY, HEALTH & ENVIRONMENTAL CONFERENCE

**W14 90 minute session**  
**Wednesday 9/18 @ 1:15 pm**  
**Advanced Level**

### **Mental Health in the** **Workplace: Awareness and** **Assistance**

**Susanne Wagner Principal EHS Specialist Transfusion Medicine at Abbott**

Susanne Wagner, Principal EHS Specialist, has been with Abbott for 13 years. She works at the Lake County manufacturing site at the Abbott Park campus in Lake Bluff. As site EHS rep, she is responsible for all aspects of EHS from hazardous waste to industrial hygiene, etc. Her responsibilities extended to mental health awareness the past 1.5 years. Corporate EHS added mental health to the company's EHS goals, and local site management has embraced the program. Mental health is part of the holistic health of employees that can impact safety performance.

#### **Topic/Presentation Synopsis:**

This presentation is intended to promote a comfort with the discussion of mental health issues, a topic which has been associated with shame for sufferers in the past. Workplaces have typically recognized significant losses in productivity levels from employees who may be suffering for prolonged periods. There has not always been a realization that the damage goes beyond lapsed productivity; employees may have difficulty practicing safe behaviors while affected by a mental illness and may be more at risk of workplace injury. Their bonds with co-workers may be disrupted and may affect the morale of co-workers. There is a possibility that employers may lose the talents and contributions of valuable employees who have not been supported through an illness. The presentation will encourage EHS professionals to take a role in promoting overall health and wellness by including mental health education/awareness in their H&S programs.

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

- 1) To speak openly about mental health, a topic which may have been taboo for many people.
- 2) To evaluate the possible impacts of mental health on safety in the workplace
- 3) To offer suggestions for approaching the topic as part of the EHS program in your workplace.

# CHICAGOLAND



**W15 90 minute session  
Wednesday 9/18 @ 1:15 pm  
Intermediate Level**

## **Analyzing Lifts to Reduce Shoulder & Back Injuries**

**Ann Hall, CPE Ergonomist & Director, Client Services Chubb Global Risk Advisors**

Ann Hall is a Board-Certified Professional Ergonomist working on the risk advisor team at Chubb Insurance. She has worked in aerospace, medical, bottling, and general manufacturing/warehouse operations.

### **Topic/Presentation Synopsis:**

Injuries sustained from lifting are common and can be expensive. They are often easily preventable. We will discuss common flaws in lifting policies and how to better design environments to set your employees up for success and avoid injury. We will go over scientific ways to analyze lifts and how to make jobs that include lifting more inclusive for a diverse workforce. This will be an interactive class.

### **At the end of this presentation, the participant will:**

- Gain Insight into Lifting Policy Design.
- Discuss and Analyze 5 Real-World Lifts.
- Discuss Impactful Ways to help Train Employees on Lifting.

# CHICAGOLAND



## SAFETY, HEALTH & ENVIRONMENTAL CONFERENCE

**W16 90 minute session  
Wednesday 9/18 @ 3:00 pm  
Intermediate Level**

### **Impact & Growth of Voluntary National Consensus Standards for Occupational Safety & Health**

**Tim Fisher Director, Standards Development & Technical Services ASSP**

With twenty-five years plus of OSH regulatory experience at the federal, state, and local levels, and over three-hundred presentations for ASSP since 1995 via webinars, podcasts, annual conference presentations, chapter events, and other events, Tim Fisher has exhibited excellent writing and public speaking skills on a wide variety of OSH issues. Tim has appeared on television and radio as an organizational spokesperson and has received a national appointment to a Federal Advisory Committee, National Institute for Occupational Safety and Health (NIOSH), and National Occupational Research Agenda (NORA) Traumatic Injury Team. Tim is a decorated United States Air Force veteran.

#### **Topic/Presentation Synopsis:**

The ASSP gets hundreds of inquiries each year concerning consensus standards and OSHA regulations, this session will focus on the development of consensus standards, how they are used, the context in how they are used, and the implication for OSH Professionals. More importantly, we will talk about why ASSP members and OSH Professionals need to care about these standards and pay attention to them.

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

- Explain how several pending new/revised ASSP standards will impact the safety & health profession.
- Explain the use of voluntary national consensus standards and how they are utilized in the public and private sector.
- Explain examples of how ANSI/ASSP Standards are used by government agencies on a global and domestic level to move occupational safety and health forward.

# CHICAGOLAND



## SAFETY, HEALTH & ENVIRONMENTAL CONFERENCE

**W17 90 minute session**  
**Wednesday 9/18 @ 3:00 pm**  
**Basic Level**

### **You're Not The Boss of Me! -** **Addressing Difficult Safety** **Issues for the Non-manager**

**Marie Dinwiddie Environmental Health & Safety Scientist**  
**Fehr Graham Engineering & Environmental**

Marie Dinwiddie has over 10 years in the EHS profession with experience in manufacturing, chemical processing, and grain handling. Her background in industrial maintenance gives her a unique approach not only to EHS management but also front-line employee engagement and training. She is an authorized OSHA Outreach Trainer in General Industry. Her drive for educating and engaging others through sharing knowledge and experiences on a grassroots level empowers front-line workers to make smart safety decisions.

#### **Topic/Presentation Synopsis:**

In the context of Behavior Based Safety, managers and employees alike must share good and not so good feedback with others to affect change. While it's easier for those with managerial titles and authority to create behavioral change, it is not as easy for those not in a supervisory position. At times, the task becomes difficult if next to impossible, especially if the person is perceived as not having any authority at all. In this session we will discuss those types of conversations and how employees at all levels can have difficult discussions and be leaders of safety without the official title. Attendees will learn how to identify the different personality types present on the shop floor and learn strategies to diffuse the most problematic situations leading to increased confidence and cooperation.

#### **At the end of this presentation, the participant will learn:**

- How to prepare for and initiate difficult safety behavior discussions
- How to identify different personality types and how to adjust the conversation for each type
- How to maintain professionalism and how to de-escalate heated discussions based on personality types



# CHICAGOLAND



## SAFETY, HEALTH & ENVIRONMENTAL CONFERENCE

W18 90 minute session  
Wednesday 9/18 @ 3:00 pm  
Basic Level

### Opioid Emergency!! You Can Make A Difference!!

**Jim Stennett**

**Safety Training Specialist**

**City of Naperville**

Jim Stennett - Safety Training Specialist with the City of Naperville. Prior experience includes spending 20 years in the fire service as a firefighter/paramedic for the Village of Franklin Park and Village of Bolingbrook. Certified CPR/AED/First Aid Instructor with AHA

#### **Topic/Presentation Synopsis:**

The number of drug overdoses have continued to rise each year and one of the driving forces behind that has been the opioid epidemic. Different key factors have driven this epidemic and during the presentation we will review these key factors, the history behind opioids, and how to recognize and treat someone experiencing a potential opioid overdose.

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

- 1- Understand how opioids work and the effect they have on the human body.
- 2- Identify key signs and symptoms of someone experiencing an opioid over dose.
- 3- learn how to administer Naloxone (Narcan).

# CHICAGOLAND



## SAFETY, HEALTH & ENVIRONMENTAL CONFERENCE

**W19 90 minute session**  
**Wednesday 9/18 @ 3:00 pm**  
**Advanced Level**

**Focus - Reducing Risk of  
Serious Injuries & Fatalities**

**Rob Gaines    Executive Director - Health & Safety    U.S. Compliance**

Rob Gaines is the Executive Director of Health and Safety at US Compliance (USC). He has spent over 25 years leading the USC team to be strong, successful and effective safety leaders. Rob has a Master's degree in Environmental Health from the University of Minnesota and is a Certified Safety Professional. Key strengths in Rob's arsenal include a firm understanding of OSHA's 1910 General Industry Standards, knowledge in handling OSHA regulatory inspections and assisting clients with serious injuries, incidents, and fatalities. His experience is across a broad array of industries including metal fabrication, food manufacturing, chemical and woodworking establishments.

### **Topic/Presentation Synopsis:**

As safety professionals, we never want to get the call that there has been a serious injury or fatality in one of our facilities. And yet, it is easy to get caught up in the day-to-day routine of maintaining the safety program and general compliance requirements at the facilities you oversee. But do you feel you have a great handle on where a serious injury or fatality could happen within your facilities? Have you assessed the risks that could lead to these events and done as much as possible to reduce the potential of their occurrence? Today's presentation puts a renewed focus on looking at safety through the lens of preventing serious injuries and fatalities. The goal being to identify key risk factors, take proactive actions, and to reduce the chances of these most serious of outcomes.

### **At the end of this presentation, the participant will learn:**

- 1) What is a SIF and a look at the impact of fatalities in industry
- 2) Identification of risks associated with potential SIF outcomes
- 3) Strategy and process to address identified risk indicators to reduce the potential for SIFs

# CHICAGOLAND



## SAFETY, HEALTH & ENVIRONMENTAL CONFERENCE

**W20 90 minute session  
Wednesday 9/18 @ 3:00 pm  
Intermediate Level**

### **Confined Spaces "The Silent and Invisible Enemy"**

**Dennis A. Terpin, Ph.D., O.H.S.T., EMT-P CEO**

**The International Safety & Health Specialists**

Dr. Terpin Retired Senior Industrial Hygienist/Hospital Safety Officer and Emergency Manager at The University of Illinois Chicago (UIC). Dr. Terpin serves on the ASTM F23.65 International Respiratory Protection Committee on Protective Clothing and Respiratory Protection. A Master level Instructor for FEMA/DHS is recipient of the 2023 CSHEMA Lifetime Achievement Award, 2014 Illinois Emergency Management Agency-Emergency Management Achievement Award, the 2014, 2015, 2016, 2017, 2018, 2019 and 2023 - Gold Level DHS/FEMA/Center for Domestic Preparedness Excellence (in the indirect Training Program) Instructor awards and three Center for Domestic Preparedness 5.0 Perfect Instructor Awards.

#### **Topic/Presentation Synopsis:**

Confined spaces may be encountered in virtually any occupation. Hazard and risk assessments are the most important step that need to occur to prevent injuries and fatalities. Each step in the permit process must be carried out correctly. Remember what you can't smell, taste, feel and see can you kill you.

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

- Explain why an Oxygen concentration between 19.5% and 23.5% is not a safe level for entry?
- Describe the limitations of your combustible gas meter.
- Define why 60% of all confined space deaths ARE "would be" rescuers.