



2018 Region IV ASSE Professional Development Conference

April 11 - 12, 2018

University Of Alabama, Bryant Conference Center
Tuscaloosa, Alabama

**8:00 AM – 9:00 AM - Welcome / Introductions / Wednesday Opening Keynote
Safe 4 The Right Reasons
Dale Lesinski, QSSP**

Creating a positive safety culture is both an Art and a Science! The Science addresses all of the regulations, compliance and engineering, and most companies have this covered. The Art side, or what we refer to as the “thin air” or human side of the equation, can be the greatest challenge for companies to conquer.

“Safe 4 the Right Reasons” breaks down our basic human nature and delivers a personal motivation to each employee to value their safety. This message also addresses how we must watch out for each other and be our brother’s keeper. The best part of this message is that it is personal for every employee, and can be incorporated into all of your safety messages and trainings. It serves as the foundation for your safety culture for years to come.

Learning Objectives:

1. Attendees learn personal reasons for being safe.
2. Attendees learn how safety impacts them both on and off the job.
3. Attendees leave with real world tools to use immediately to keep them safe.



Dale Lesinski is the Vice President of Sales & Training for DiVal Safety Equipment in Buffalo NY. DiVal Safety is an International leader in safety supplies & training.

Dale Lesinski has been a Keynote & featured speaker at the National Safety Council’s (NSC) national Congress as well as OSHA VPPPA National and Regional Conferences. In addition, Dale has presented at several state, regional and local Safety Associations. He also is a frequent guest lecturer for the Undergraduate and MBA programs at several Western New York Colleges and Universities. Dale has earned the distinction of a master communicator through his ability to incorporate his areas of expertise in sales, marketing, communication, presentation skills, public speaking, athletic coaching and adult learning.

12:00 PM - 1:15 PM - Lunch / Keynote Thursday
Marijuana In The Workplace
Adele Abrams, Esq., CMSP

Twenty-nine states and DC now have legalized medical marijuana, and a majority of Americans favor legalization. The increased acceptance and availability for use by employees raises critical issues under both OSHA requirements and the Americans with Disabilities Act's "direct threat to safety" analysis. Moreover, recent case law decisions are favoring the rights of medical marijuana users who apply for jobs, or seek accommodation for safety-sensitive duties. This session, presented by an attorney and safety professional, will offer the latest information you need to effectively manage a drug-free workplace.

Learning Objectives:

1. Understand evolving case law on medical marijuana and employment
2. Learn how the ADA and OSHA law interface in terms of preventing "direct threats" to safety from medical marijuana users
3. Determine the critical elements of substance abuse prevention programs and OSHA's new regulations affecting drug testing programs



Adele L. Abrams, Esq., CMSP

Adele Abrams is an attorney, safety professional and trainer who is president of the Law Office of Adele L. Abrams P.C. in Beltsville, MD, Charleston, WV, and Denver, CO, a multi-attorney firm focusing on safety, health and employment law nationwide. Adele is a certified mine safety professional and she also provides consultation, safety audits and training services to MSHA and OSHA regulated companies.

Adele is a regular columnist for numerous magazines on legal, employment, mine and occupational safety/health issues, and is co-author of several books related to mining, construction, employment law, and occupational safety and health.

She is a member of the Maryland, DC and Pennsylvania Bars, the U.S. District Courts of Maryland, DC and Tennessee, the U.S. Court of Appeals, DC, 3rd and 4th Circuits, and the United States Supreme Court. She is a graduate of the George Washington University's National Law Center, and earned her B.S. in Journalism from the University of Maryland, College Park. Her professional memberships include the American Society of Safety Engineers, National Safety Council, the American Bar Association, National Employment Lawyers Association, and the Energy & Mineral Law Foundation. In 2017, Adele received the Distinguished Service to Safety Award (DSSA) from the National Safety Council.

8:00 AM – 9:00 AM - Welcome / Introductions / Thursday Opening Keynote
Game Day: 4 Principles & Practices For Accelerating Performance
Mark Hernandez

Does creating amazing results matter to you and your organization? Game Day is a high energy and highly engaging motivational message that will challenge, inspire, and give you a blueprint for creating and sustaining high performance applying four principles and practices that will increase your leadership acumen and accelerate performance. Game Day is based on four foundational principles outlined in an acronym: REAL - Relationships, Equipping, Attitude, & Leadership. "REAL are the foundational leadership principles needed for every leader" – John C. Maxwell

Game Day is a High Energy, Highly Engaging Motivational Keynote that will challenge and inspire each participant to Serve at their highest level and Create Crazy Results.

Game Day is based on the four foundational principles of the acronym REAL: Relationships, Equipping, Attitude, & Leadership. "REAL are the foundational leadership principles needed for every leader" – John C. Maxwell

Each participant will:

1. Learn the 4 foundational leadership principles that will increase your leadership influence.
2. Participate in highly engaging that will reinforce the principles, help practice a new skill, & create a memorable experience.
3. Discover how to apply the 4 Principles with Practices that can be immediately applied.



Mark Hernandez

Multiply Leadership started their career on the back-side of a scaffold wrench and worked up the ranks eventually found a home working in the safety field. Multiply Leadership has over 20 years of safety experience and the only safety professional who has worked for the US Department of Labor, OSHA for 12 years and an Independent Certified John Maxwell Speaker, Trainer, and Coach.

- In 2011 joined John Maxwell Certification program as a Founding Member and part of a Global Team representing over 12,000 members in over 100 countries
- In 2012, launched Multiply Leadership development company
- In 2012, part of transforming two counties with the Global John Maxwell Team. In 2012 Multiply Leadership was part of transforming Guatemala by training over 10,000 leaders in one week. To date, there are 60,000 leaders as a result of the initial training.
- In 2016 in Paraguay trained over 15, 000 leaders in one week with the Global John Maxwell Team.
- In 2017 co-authored two book projects which both made the Amazon Best Sellers List: Business Leader Success & A Bigger Purpose

12:00 PM - 1:15 PM - Lunch / Keynote Speaker - Thursday
OSHA Update
Billie A. Kizer, MPH, CSP

Come here the annual OSHA Update. We will be discussing what has happened within OSHA over the past 12 months as well as what will be coming in the future.



Billie A. Kizer, MPH, CSP
USDOL-OSHA
Assistant Regional Administrator for
Enforcement

Ms. Billie Kizer is currently the Assistant Regional Administrator for Enforcement Programs for the U.S. Department of Labor - OSHA, Region IV. The Office of Enforcement Programs, a multi-disciplined group of safety and health professionals, is responsible for providing guidance, interpretation of standards, and assistance in the inspections/investigations of complex cases. Ms. Kizer is the principle coordinator of several programs in the region, including but not limited to, recordkeeping and emergency response. She constantly applies her knowledge and skills from working in both the private sector and the government.

Ms. Kizer is a graduate of Vanderbilt University with a Bachelor's Degree in Biomedical Engineering and she earned a Master of Public Health in Environmental and Occupational Health from Emory University. She is also a Certified Safety Professional.

Breakout Session #1A 9:30 AM - 10:30 AM - Wednesday
Culture Track
Using Learning Events To Drive Organizational Safety –
Appreciative/Cooperative Inquiring For Safety Professionals
Daniel Slattery, MS, CSP, CET

In most safety programs, there is a lack of a framework for engaging supervisory and line workers in a non-punitive fashion, as well as examining organizational and environmental performance factors. In this session, we'll establish a framework for appreciative inquiry, discuss its applications in the organization, and discover how appreciative and cooperative learning frameworks benefit companies, as well leverage talent within the organization to focus on how things go right.

Learning Objectives:

1. Upon completion, attendee will be able to identify and describe the purpose of appreciative / cooperative learning events.
2. Upon completion, attendee will be able to apply and evaluate a simple framework for appreciative / cooperative learning.
3. Upon completion, attendee will be able to illustrate the importance of, and discuss how appreciative / cooperative learning integrates and supports the “New View” of Safety.



Daniel Slattery, MS, CSP, CET

Mr. Daniel Slattery is the Vice President of Consulting Services for SafetyPro Resources, a health and safety management consultancy organization in Baton Rouge, LA, including roles as a consultant, auditor, and trainer. He has previously worked developing comprehensive health & safety solutions for organization in the upstream (E&P) sector of oil and gas, and spent

15 years as a paramedic.

Mr. Slattery is the 2017-2018 Vice President for the Greater Baton Rouge ASSE chapter, is an executive board member for South Louisiana STEPS, and volunteers with API's Technical Advisory Group for RP 75 SEMS.

Breakout Session #1B 9:30 AM - 10:30 AM - Wednesday
Leadership Track
Are Your Contractors Working Safely
Cary Usrey

We all want our contractors to work safely. We go through great pains using a selection process to ensure we hire safe contractors. We hold pre-job safety meetings to communicate our expectations. However, once the work begins, the safety process often devolves into an inefficient enforcement approach that typically enacts quick fixes (at best) and fails to implement long-term solutions. Once the job or project ends, so does the institutional knowledge of safety performance beyond injury rates.

This workshop will discuss a methodology that uses leading indicators that can be used proactively and historically to ensure quality contractor evaluation. In addition, improvement areas can be identified and tracked for improvement before injuries occur. Start measuring contractors on how they perform safety, not by how many injuries they have avoided.

Learning Objectives:

1. Identify how can contractors be evaluated once work begins
2. Discuss metrics that can be used to perform this evaluation
3. Demonstrate what can be done to drive improvement once evaluation is completed



Cary Usrey has been a Process Improvement Leader at Predictive Solutions since March 2007. In this role, Cary is responsible for implementing solutions and best practices for customers seeking to prevent worker injuries through the use of an integrated safety management system that focuses on leading safety indicators. He coaches customers through an assessment, goal-setting, and goal measurement process that is designed to maximize safety improvement and widespread organizational engagement.

Cary started his career in the U.S. Navy's Nuclear Power Program in 1988. After leaving the Navy, he served as the Environmental, Health and Safety Compliance Director at Adirondack Resource Recovery Associates, a waste-to-energy power plant in upstate New York, where he was employed for over twelve years. In 2004, Cary took a position with Turner Construction, where he served as the Business Unit Safety Director for the upstate New York office for three years. Cary has completed his Associate's Degree in Occupational Safety and Health from Trinidad State Junior College in Colorado.

Cary has served for six years on the Board of Directors for the VPPPA (Region II) – two years as a Director-at-Large and four years as the Vice Chairperson. He has published many safety articles for various industry publications and is an active speaker for safety industry organizations such as ASSE, National Safety Council and the Voluntary Protection Program Participant's Association (VPPPA). Received the VPP Outreach Award (2005) from the VPPPA. Served as a Special Government Employee (SGE) in OSHA's Voluntary Protection Program, conducting evaluation audits with the OSHA team.

Cary has been a member of the ASSE since 1997. He served many years as an officer of the Central FL chapter, including serving as President and Delegate of the Chapter.

Breakout Session #1C 9:30 AM - 10:30 AM - Wednesday

Regulatory Track

The FAES Revolution: Field Attenuation Estimation Of Hearing Protection And It's Impact On Hearing Conservation

Cliff Frey, CIH

The adoption of Field Attenuation Estimation Systems (FAES), or fit-testing of hearing protection, began as a voluntary effort but is steadily gaining traction with regulatory and standardization bodies. The driving force behind the FAES movement is the growing scientific evidence about its ability to more accurately estimate the performance of hearing protectors for individuals, in contrast to the traditional approach of relying solely on single number ratings (e.g., NRR, SNR). The benefits of fit-testing are being realized by employers and employees alike, and fit testing has become a recommended best practice in hearing loss prevention. This presentation will include a review the different FAES technologies available, how Personal Attenuation Ratings differ from single number ratings, and a summary of research, regulatory and standards activities that are propelling the FAES revolution.

Learning Objectives:

1. Understand the limitations of relying solely on single number ratings when selecting hearing protectors
2. Understand the benefits of individual fit testing for hearing protectors
3. Understand the pros and cons of different fit testing systems available today



Clifford Frey, CIH

Cliff Frey has been a Certified Industrial Hygienist since 1997 and has experience across a wide range of occupational settings. As a Technical Service Specialist for 3M's Personal Safety Division, Cliff is the technical leader for passive hearing protectors and the EARfit™ Dual-Ear Validation System. Cliff has delivered numerous lectures and webinars on these topics and others internationally. In his past role as a plant industrial

hygienist, Cliff led program improvements in hearing conservation, noise control engineering, and respiratory hazard management.

Breakout Session #1D 9:30 AM - 10:30 AM - Wednesday
Safety Track
Integrating Ergonomics And Fitness for Duty Testing
Dr. Richard Bunch

The risk of musculoskeletal disorders (MSDs) significantly increase when a person's physical abilities do not match the physical demands of a job. Therefore, effective and legal job screenings designed to match a person's abilities to essential job demands when being hired or returning from work after an injury is critical to safety. Dr. Bunch will describe the safety professional's role in conducting ergonomic assessments that are aimed specifically at identifying and measuring true essential job physical demands. In addition, Dr. Bunch will address how fitness-for-duty testing of employees must be designed to comply with the ADA and EEOC's anti-discrimination regulations.

Learning Objectives:

1. Perform ergonomic evaluations and make ergonomic changes needed to properly identify and categorize essential job tasks according to requirements of the ADA and EEOC.
2. Extrapolate essential job demands into a functional job description that forms the legal foundation for Fitness for duty testing
3. Evaluate fitness-for-duty test designs for full compliance with ADA and EEOC anti-discrimination policies.



Richard W. Bunch, PhD, PT, CBES

Dr. Richard Bunch attended West Point Military Academy and received his physical therapy and medical PhD degrees from LSU Medical Center. He is also a certified ergonomic specialist. Dr. Bunch is currently an Adjunct Associate Professor at Tulane University Medical Center, School of Public Health, and the CEO and owner of WorkSaver Employee Testing Systems, LLC. Dr. Bunch has been in practice more than 40 years and has worked extensively with safety professionals to prevent occupational injuries and improve employee wellness. He is nationally known among industries as a motivational speaker for injury prevention and wellness in the workplace, and as an expert and specialist in ADA and EEOC- compliant post-offer employment functional testing, ergonomics, and occupational wellness. Dr. Bunch is the creator and founder of the proprietary CBES credentialing ergonomics program designed for safety professionals that integrates ergonomics and behavioral (wellness) interventions to achieve maximum benefit for injury prevention and employee wellness.

Breakout Session #2A 11:00 AM - 12:00 PM - Wednesday
Culture Track
From Safety Leader To Business Leader - Bridging The Gap
John McBride

When it comes to their career most people believe that hard work, ethical behavior and technical expertise is enough to succeed. While these are certainly critical, companies is seek knowledge beyond technical expertise if one is to have a position of influence on the broader business strategies. This involves stepping out of one's comfort zone to gain knowledge of other key areas to become a Business Leader. These topics include finance, productivity, operations, communication and leadership. This is the role of a Business Partner.

The presentation will guide attendees through the process of becoming a Safety Business Partner whereby you are not limited to only supporting the strategic goals, but influencing and establishing the strategic goals from the start.

Learning Objectives:

1. Why companies seek Business Partners over Managers for leadership roles
2. What makes a Business Partner different than a Safety Manager/Director
3. What companies require to be considered for Business Partner roles
4. How to Become a Business Partner with a primary focus on the Networking, Communication and Leadership skills required for this role



John McBride, SPHR, SHRM-SCP
Director, National Recruiting
Consentium Search LLC

John McBride is the Director of National Recruiting with Consentium Search, a National Search and Recruiting Firm, specializing in sourcing Safety, Environmental and Workplace Health professionals. He is a 'recovering HR professional' having spent in excess of twenty years in roles such as Director of Human Resources and Director of Risk Management including oversight of the Safety functions for 1,000 internal and 55,000 outsourced, temporary employees.

John is certified as both a Senior Professional in Human Resources and SHRM Senior Certified Professional and is an active member of American Society of Safety Engineers (West Florida Chapter), National Safety Council, SHRM and HR Tampa.

John has spoken on Career Development for ASSE and NSC since 2009; the US Army's "Tip of the Arrow" Ultimate Warrior Demobilization Program; and numerous chapters for ASSE, SHRM; and RIMS. He also has volunteered with the American Diabetes Association for over 20 years with a 65 mile bike ride coming next month.

Breakout Session #2B 11:00 AM - 12:00 PM - Wednesday
Leadership Track
Effective Risk Assessment Techniques Roundtable Discussion
Christina Roll, MS, CSP

Effective Risk Assessments are becoming a popular tool for the Safety & Health Professional. But what do they look like? How can they be applied to YOUR business, workplace or industry? During this roundtable discussion, attendees will be able to have open dialogue and conversations on best practices and facilitation techniques, and will walk away with ideas on how risk assessments can be successfully utilized to raise safety awareness while reducing the potential for loss.

Learning Objectives:

1. Discuss examples of effective risk assessment techniques
2. Identify pros and cons of completing risk assessments in large and small group settings
3. Receive best practices for conducting effective risk assessments in the workplace



Christina Roll, MS, CSP

Ms. Roll has developed a unique skill set during her 17 year career, starting with safety, health and environmental consulting, moving into safety management and leadership with the United States Marine Corps, and now in her role as Senior Property/Casualty Risk Engineer at Chubb. She has evaluated and serviced clients in a wide variety of industries, including construction, hospitality, manufacturing and retail.

Ms. Roll specializes in hazard identification, evaluation, mitigation and control. She is responsible for helping clients identify areas of focus for loss reduction, and then servicing those clients with specialized training, loss analysis, risk assessments, program reviews, and workplace safety audits.

Breakout Session #2C 11:00 AM - 12:00 PM - Wednesday
Regulatory Track
NFPA 70E - 2018 Arc-Flash Requirements
James Hazelwood , PMP, MSEE, MSEHS

This session will cover:

- Arc-Flash basics
- Bolted Fault vs. Arcing Fault
- Qualified Worker definition
- Arcing Fault characteristics
- Arc-Flash Mitigation strategies
- Personal Protective Equipment (PPE)
- Arc-Flash Risk Categories
- Warning Labels
- OSHA Compliance
- Changes in the 2018 NFPA 70E

Learning Objectives:

1. Evaluate methodologies to decrease potential arc-flash incidents
2. Examine the NFPA 70e-2018 for modifications related to arc-flash
3. Categorize personal protective equipment (PPE) in relation to arc-flash incident energy



Jim Hazelwood, PMP, MSEE, MSEHS

Jim Hazelwood is a Project Engineer from the Industrial Division at Revere Control Systems. Jim has over 35 years experience in industrial control equipment and safety. He is a member of ISA and holds their highest level certification, Certified Automation Professional (CAP). He also maintains a Project Management Professional (PMP) Certification from PMI and is a member of the

ASSE. His educational background includes an A.S. degree in Industrial Electronics, a B.S. degree in Computer Systems an M.S. degree in Electrical Engineering and a M.S. degree in Environmental Health & Safety (EHS). Jim is a recognized leader in Arc-Flash training and has provided training classes for many companies and associations throughout the southeast.

Breakout Session #2D 11:00 AM - 12:00 PM - Wednesday
Safety Track
You Can't Bubble Wrap The World
Danny W Smith, SMS

In the world of industrial safety, the hierarchy of controls has proven very effective in reducing injury-causing exposures. Machine guarding, PPE, administrative controls, and etc. have proven to be very effective. But, even in the safest of workplaces, all hazards cannot be eliminated.

And statistically most injuries affecting our workers occur in places where these controls aren't always available. In other words, you can't bubble wrap the world. Certainly we institute controls where we can, but beyond this obvious step, what else can be done to protect our workers?

One of the best strategies is the development of personal safety skills. By doing so, even in constantly changing and "uncontrolled" environments outside of the workplace, workers will be able to better protect themselves and those around them.

Learning Objectives:

1. Distinguish risks which may be controlled through the hierarchy of controls versus other measures (such as development of personal safety skills).
2. Identify specific skills which can be used by employees, regardless of the industry, for injury reduction on a 24/7 basis.



Danny W Smith, SMS
SafeStart
Senior Safety Consultant

Having spent 25+ years in safety, manufacturing, warehousing, facilities/property management, Danny possesses the skills and experience to relate to individuals from the shop floor to the boardroom. He is a Senior Safety Consultant with SafeStart and has worked with that process since 2000, first as a client and for the past 8 years as a consultant. He speaks at numerous regional and national safety conferences annually. Attendees of his sessions describe him as engaging, entertaining, and thought provoking.

Breakout Session #3A 1:45 PM - 2:45 PM - Wednesday
Culture Track
IH For The Safety Professional
Matthew Parker

Breakout Session #3B 1:45 PM - 2:45 PM - Wednesday
Leadership Track
Safety Management System - An Intergraded Approach To Compliance
Nick Gutermuth, CSP

This session will cover:

- The Evolution of H&S Management Systems
- Elements of an Effective H&S management System Process & the Continual Improvement Process (PDCA)
- Benefits and Legal Aspects of Management Systems
- Key Aspects of ISO 45001
- Review of the "Hierarchy of Control" Model
- Example of an integrated Cloud-based software solution to enhance your H&S Management System

Learning Objectives:

1. Review the evolution of H&S Management Systems
2. Develop a fundamental understanding of H&S Management Systems along with the "Plan, Do, Check & Act" Process
3. Summarize the Elements of the New ISO 45001 standard
4. Review an effective and robust Compliance Implementation Process for your Management System



Nick Gutermuth, CSP

Nick Gutermuth is a Certified Safety Professional, "Safestart Trainer" and a Special Government Employee. He has been a member of ASSE since 1977 and a CSP since 1981. Nick also served as the Louisville ASSE Chapter president from 1981 to 1982 and also served as the Wilmington Safety School president.

Nick graduated from the University of Louisville with a BS in Biology. Prior to attending the University of Louisville, Nick served in the Navy from 1968 to 1971.

Nick's work history is a long one, spanning from 1971 to 2016. His body of work in chronological order includes:

- Analytical Chemist & EHS Manager - Lorillard Tobacco
- EHS Manager - GE Major Appliances
- EHS Manager - GE Nuclear Energy
- H & S Global Program Manager - GE Power System
- EHS Manager - GE Lighting Systems
- EHS Corporate Facility EHS/Security Manager - GE Healthcare
- H & S Director - Force Protection
- EHS Manager - Merck Pharmaceutical
- EHS Southern Region Manager - JLL

Nick is best described as a "High Energy and Effective EHS Manager" with solid experience in Safety Management Systems, VPP process implementation, Hazard Recognition, EHS Training and Employee Involvement initiatives. Nick has a proven and consistent record of driving continuous improvement over the past 45 years.

Breakout Session #3C 1:45 PM - 2:45 PM - Wednesday
Regulatory Track
Fall Protection - Proper PPE Usage
Jim Bell

Learning Objectives:

1. Be able to identify and examine proper donning/doffing of personal fall arrest harnesses – special considerations.
2. Be able to select, choose, and use SAL's (Shock Absorbing Lanyards) and PFL's (personal fall limiters) correctly.
3. Identify and further contrast Anchor Connectors (fixed and temporary) and Anchor Points.



Jim Bell

Brady Account Manager for the State of Alabama and panhandle of Florida. Formerly with Honeywell Safety Products for the past 10 years covering the same area. Worked with all areas of PPE within North Safety and subsequently Honeywell Safety Products. Respiratory, Hand, Foot, LOTO, Head, Welding, Eye, Hearing, and Fall Protection. Most recently, transitioned to Brady Corporation to further Safety PPE knowledge on LOTO, Arc Flash, and Confined Space issues and how to keep workers safe.

Breakout Session #3D 1:45 PM - 2:45 PM - Wednesday

Safety Track

How To Proactively Prepare For And Navigate Through An OSHA Audit

Joe Keenan, MBA, CSP

Regulatory Compliance Audits can be taxing and worrisome for anyone. Having an OSHA Audit open an organization up to receiving regulatory citations, monetary fines, negative company press, etc. The purpose of this webinar is to cover the key concepts of how to successfully navigate through an OSHA Audit. Being prepared ahead of time and knowing the right protocols can help turn a negative situation of being involved in a compliance audit into a positive one. Training your Managers and Supervisors on how to conduct themselves in an OSHA Audit will be covered. The key elements needed to developing a proactive Regulatory Compliance Written Program will be covered. After this seminar, you will have confidence in facing the next regulatory compliance audit that comes your way.

In this Program you will learn:

1. How to Effectively and Confidently Navigate an OSHA Compliance Audit.
2. Develop a Proactive Written Program to Prepare Your Organization to Handle an OSHA Compliance Audit.
3. Learn How to Deal with Compliance Auditors with Confidence to Mitigate Citations and Fines.
4. Conduct Effective Training for Managers and Supervisors on How to Handle an OSHA Compliance Audit.
5. Develop Proactive Tools to Prevent Employees from Contacting a Regulatory Compliance Agency.
6. Answer Site-Specific Questions and Scenarios Regarding Regulatory Compliance Audits.



Joe Keenan, MBA, CSP

Highly experienced Environmental Health and Safety (EHS) and Human Resources (HR) Professional and Management Consultant with over 22 years of experience. I received my Green Belt in Six Sigma/Lean Manufacturing in 2005, Masters in Business Administration (MBA) with a Human Resource Management Concentration in 2007 and Certified Safety Professional (CSP) in 2011. I have the current pleasure of serving as President of the Mississippi Chapter of the American Society of Safety Engineers (ASSE). I served on the OSHA Voluntary Protection Program Participants Association (VPPPA) Region IV Board of Directors as a Director at Large from 2013-2015. Since 2002, I am an OSHA General Industry and Construction 10/30-Hour Authorized Outreach Trainer (both renewed in 2016).

Breakout Session #4A 3:15 PM - 4:15 PM - Wednesday

Culture Track

The "Right Things In The Right" Order:

How Leaders Can Develop A Culture Of Engagement And Excellence

Steven Brenske & Anakarina Suarez

The presentation will focus on the specific steps and sequence of these steps necessary for leaders to develop and sustain a culture of engagement and excellence. We believe that the culture of an organization, and particularly the HSE culture, is almost entirely influenced by what leaders do (and also what they fail to do). We also believe that there is a "correct" order for any initiative focused on culture change and failing to recognize this will result in confusion and misalignment.

Learning Objectives:

1. Identify the significance of leader's behaviors on influencing culture.
2. The five steps and sequence for a sustainable HSE culture.
3. How leaders can engage employees through personal commitments, creating habits around these commitments and reinforcing these daily.

Steven Brenske is Health, Safety & Product Stewardship leader at Birla Carbon based at the company's head office in Atlanta, Georgia, USA. Steven is responsible for leadership and direction of safety, health and product stewardship programs across Birla Carbon.

Steven joined Birla Carbon in 2013 in his current role with a clear focus on compliance with regulatory requirements and company standards. In product stewardship he oversees consistency in labeling and packaging of products complying with standards for product sales into 75 countries.

Steven has more than 35 years on industry experience in the areas of Health, Safety, Environment, and Product Stewardship. Steven is a Certified Safety Professional and holds a Bachelor of Science degree in Fire Protection and Safety Engineering Technology from Oklahoma State University and a Master's in Business Administration from Auburn University. He is a member of the American Society of Safety Engineers (since 1981), National Fire Protection Association and Product Stewardship Society (Charter Member since 2014).



Anakarina Suarez, CSP

Anakarina Suárez is the Global Health and Safety Manager at Birla Carbon based at the company's head office in Atlanta, Georgia. Anakarina is responsible for managing the corporate safety & health functions of plant auditing, accident investigation and corrective action, as well as commitment-based safety and health initiatives to drive global health and safety performance toward a zero-injury and illness culture.

Anakarina joined Birla Carbon in 2012 and has 17 years of industry experience in the areas of Health, Safety, and Lean Manufacturing that spans organizations like, Kraft Foods, Perdue Farms, and Sara Lee Corporation. Her experience in manufacturing put her in a position where she can better understand the demands of quality and production while focusing on compliance and the safety and wellbeing of the employees.

Anakarina is a Certified Safety Professional and holds a B.S. in Business Administration from The University of Puerto Rico. She is a member of the American Society of Safety Engineers.

Breakout Session #4B 3:15 PM - 4:15 PM - Wednesday

Leadership Track

Violence At Work, Shooting Your Mouth Off... Or Other Thing

Melissa Black, MS, CSP, CIH, CUSA

This session will cover the most common sources of violence in the workplace, the policies and resources you may need to protect your company and employees. Violence in our workplaces and schools are a real fear for many in our society. Bullying, intimidation and other aggressive behaviors that disrupt workplaces and reduce productivity and profitability will be covered. This presentation begins with a historical perspective of the issue. It then covers the source/root cause of anger, the phases of anger, the role the recipient of anger can play in minimizing escalation. We will cover a few basic concepts-(Safety 101 to address this issue) you can teach to assist with de-escalation in crisis situations.

Learning Objectives:

- 1) Participants will be able to identify common misconceptions about workplace violence trends. The reality of this topic is not what media sensationalizes. Facts regarding risks of Workplace Violence verse perception will be given. There are sound loss control/safety practices you can take to reduce your risk.
- 2) Participants will be able to identify sources of anger and logical approaches to reduce runaway anger encounters.
- 3) Participants will be exposed to physical solutions as well as communicate tactics and solutions to this timely topic in our society.



Melissa Black, MS, CSP, CIH, CUSA

Ms. Black is the President of MsR3, LLC, a Safety and Risk Reduction Company. She is an Adjunct Professor for Columbia Southern University in dual Colleges; Occupational Safety and Health and Criminal Justice/Homeland Security as well as an Affiliate Instructor at Ga. Tech OTI Center in Atlanta. She is an Associate with the Back School of Atlanta and conducts Workzone Classes as an adjunct instructor for the National Safety Council.

She retired from Gwinnett County Government. Prior to her career in government she was the Environmental and Safety Manager at Power Plus, a battery manufacturer. She was employed by Law Environmental Labs and did Superfund Site assessments. She also worked for Exxon Refinery in Baytown, TX. and for Dow Chemical in Plaquemine, LA.

Breakout Session #4C 3:15 PM - 4:15 PM - Wednesday
Regulatory Track
Confined Space Rescue - Compliance Through Practical Standards
Leanne Stegman

As a CSR provider, MER works with clients all over the country that simply do not know the basics of confined space entry and rescue, and their management of these services is compromised because of a lack of true understanding, both of the regulations and the potential ramifications of that lack of understanding.

For those industry professionals who are responsible for safe operations within confined spaces, it's critical that they understand:

- the definitions of confined space and permit-required confined space
- the standards associated with CSR service provider
- what responsibilities and risks lie with the employer of a CSR service provider
- what steps an employer can take to help manage their risk associated with hiring a CSR team
- what expectations an employer should have of the CSR service provider and visa versa

Learning Objectives:

1. Evaluate the responsibilities and risks that lie with the employer of a CSR service provider
2. Present the steps an employer can take to manage their risk associated with hiring a CSR team
3. Lay out the expectations an employer should have of the CSR service provider and visa versa

Leanne M Stegman, CSP
Moran Environmental Recovery, LLC
Vice President, People and Development

Leanne Stegman is the Vice President of People and Development for Moran Environmental Recovery (MER). Leanne has been working in the health and safety industry since 2003 and for MER since 2005. In her current role, Leanne's breadth of responsibility includes overseeing the departments of Health and Safety, Employee Training and Development, Human Resources, Payroll and Benefits, Recruitment and Compliance.

Breakout Session #4D 3:15 PM - 4:15 PM - Wednesday
Safety Track
Time Is Blood, Control The Chaos
Daniel Mills, NR-P, FP-C

Time is blood, often we are behind the curve with our patients. From the time of injury our patients are losing life sustaining fluid. Bleeding? Act Fast.

Learning Objectives:

- 1) Identify physiological issues from blood loss
- 2) Identify techniques with hem control
- 3) Applying techniques with controlling the chaos



Daniel Mills, NR-P, FP-C
Trio Safety
Senior Staff Instructor

Daniel has been a Senior Staff Instructor & Bleeding Control Coordinator for 16 years with Fire and Emergency Management Services. He has 6 years experience as a medic and 8 years service in the military.

Breakout Session #5A - 9:30 AM - 10:30 AM - Thursday
Culture Track
Leading A Culture of Safety
Kelly Bernish

We often expect our leaders to know what leading a culture of safety in their work areas is without coming right out and telling them. In this session attendees will walk through an implemented program that will change leaders, of all levels, perception about safety and what a successful culture of safety can look like. This was implemented at the City of Fort Collins, Colorado with pretty dramatic results including creating an environment where it is natural for employees to report near misses and stop work when there is a safety concern. Leaders learn about concepts like normalization of risk and how to use risk matrixes to justify budget for safety projects.

Learning Objectives:

1. Identify cultural barriers to a safe work environment
2. Challenge commonly held beliefs about what a safe work environment is
3. Implement strategies to improve safety culture



Kelly Bernish
President
Global SHE Solutions LLC

With over 25 years of Safety, Health and Environmental Professional experience, Kelly Bernish earned her Bachelor of Science degree from Kent State University in Ohio. Additionally, her training includes CSP Certification, Certified Occupational Safety Specialist, OSHA 501 Authorized General Industry Trainer, Fall Protection and Scaffold Competent Person, Certified Food Safety Manager, Certified Playground Safety Inspector, Certified English XLT Tribometrist, Critical Stress Debriefing, as well as hundreds of hours of SH&E Continuing Education.

Bernish's career experience includes her current role as President of Global SHE Solutions, providing Safety, Health and Environmental and Risk Management solutions to clients in pursuit of SH&E excellence including municipalities, small and large businesses and heavy industry, as well as decades of senior management experience at the City of Fort Collins Colorado, The SeaWorld Parks, Anheuser-Busch and Walt Disney World Parks & Resorts. Her experience in those roles included Safety, Health and Environmental Compliance, leadership and injury prevention, as well as Workers Compensation, General Liability and Risk Management.

Industry group leadership is an important part of Bernish's experience including serving as President of several organizations such as the Cape Canaveral and Central Florida Chapters American Society of Safety Engineers (ASSE), Alliance for Central Florida Safety and Metropolitan Environmental Training Alliance, Chairperson and founding member of Women in Safety Engineering, an International Common Interest Group of the American Society of Safety Engineers (ASSE). She has also served as a member for various board positions for ASSE at the Society level.

Breakout Session #5B - 9:30 AM - 10:30 AM - Thursday
Leadership Track
Arc Flash And LOTO Assessment –
Components Of An Effective Program
Jim Bell

Learning Objectives:

1. LOTO – The components of an effective program and sustainability
2. Arc Flash – Audits, Assessments, Labeling and Training – How to sort through each
3. Risks of Non-Compliance – What this means to you and your organization



Jim Bell

Brady Account Manager for the State of Alabama and panhandle of Florida. Formerly with Honeywell Safety Products for the past 10 years covering the same area. Worked with all areas of PPE within North Safety and subsequently Honeywell Safety Products. Respiratory, Hand, Foot, LOTO, Head, Welding, Eye, Hearing, and Fall Protection. Most recently, transitioned to Brady Corporation to further Safety PPE knowledge on LOTO, Arc Flash, and Confined Space issues and how to keep workers safe.

Breakout Session #5C - 9:30 AM - 10:30 AM - Thursday
Regulatory Track
Navigating The Maze Of Safety Certifications - Which
One Is Right For You?
Dianna Braud , CAE

There are hundreds of different certificates, designations and certifications available to safety professionals. How do you decide which is right for you? This informative session will navigate through the options available to you and help you determine which one meets your needs.

Learning Objectives:

1. Examine the different safety designations available in the marketplace.
2. Identify the questions to ask when determining which designation you will pursue.
3. Review reasons why you should obtain a safety credential.

Dianna Braud, CAE

Dianna Braud is the Director of National Programs with Alliance Safety Council. She oversees several national safety training programs, evaluates new training opportunities, and is responsible for developing strategies for these programs. Dianna has been an active leader with the American Association of Safety Councils and has earned her Certified Association Executive. Dianna helps clients navigate through all the safety credentialing options available to them.

Breakout Session #5D - 9:30 AM - 10:30 AM - Thursday
Safety Track
Improving The Quality Of Your Inspection And Observation Process
Cary Usrey

Inspection expectations are usually very clear. For example, perform four inspections per month. However, the quality of those inspections can vary widely depending on many factors.

This workshop will shed light on the tools and techniques that companies can use to measure the quality of inspections. In addition, these new expectations can be measured and tracked for continuous improvement. Each indicator discussed can be used individually or combined into an annual review process designed to make your inspectors better.

Learning Objectives:

1. Discuss the reasons why more observers is beneficial
2. Identify leading indicators that can be used to measure the quality of an observer
3. Demonstrate how leading indicators can be used to coach observers to improve observation quality



Cary Usrey has been a Process Improvement Leader at Predictive Solutions since March 2007. In this role, Cary is responsible for implementing solutions and best practices for customers seeking to prevent worker injuries through the use of an integrated safety management system that focuses on leading safety indicators. He coaches customers through an assessment, goal-setting, and goal measurement process that is designed to maximize safety improvement and widespread organizational engagement.

Cary started his career in the U.S. Navy's Nuclear Power Program in 1988. After leaving the Navy, he served as the Environmental, Health and Safety Compliance Director at Adirondack Resource Recovery Associates, a waste-to-energy power plant in upstate New York, where he was employed for over twelve years. In 2004, Cary took a position with Turner Construction, where he served as the Business Unit Safety Director for the upstate New York office for three years. Cary has completed his Associate's Degree in Occupational Safety and Health from Trinidad State Junior College in Colorado.

Cary has served for six years on the Board of Directors for the VPPPA (Region II) – two years as a Director-at-Large and four years as the Vice Chairperson. He has published many safety articles for various industry publications and is an active speaker for safety industry organizations such as ASSE, National Safety Council and the Voluntary Protection Program Participant's Association (VPPPA). Received the VPP Outreach Award (2005) from the VPPPA. Served as a Special Government Employee (SGE) in OSHA's Voluntary Protection Program, conducting evaluation audits with the OSHA team.

Cary has been a member of the ASSE since 1997. He served many years as an officer of the Central FL chapter, including serving as President and Delegate of the Chapter.

Breakout Session #6A - 11:00 AM - 12:00 PM - Thursday
Culture Track
I Think Therefore I Error - How Human Error Is A Critical Part Of
Workplace Safety
Daniel Slattery

Errors are taboo in many organizations, even though most are run by humans and are prone to error. In contrast, human history has been littered by high profile events of human error going back to before it was recorded. In this session, we'll learn about how human error is viewed in the workplace, why human error is critical to a well-functioning organization, and what the safety professional's role is (and should be) when it comes to helping organizations manage error in the workplace.

Learning Objectives:

1. Upon completion, attendee will be able to identify and describe the prevalent modes of thought regarding error / human error in the workplace, especially with respect to the sharp end.
2. Upon completion, attendee will be able to appreciate and discuss the importance of human error in the learning organization.
3. Upon completion, attendee will be able to describe, discuss, and debate the role of safety professionals in managing error / human error in organizations, and its relative importance to improvement.



Daniel Slattery, MS, CSP, CET

Mr. Daniel Slattery is the Vice President of Consulting Services for SafetyPro Resources, a health and safety management consultancy organization in Baton Rouge, LA, including roles as a consultant, auditor, and trainer. He has previously worked developing comprehensive health & safety solutions for organization in the upstream (E&P) sector of oil and gas, and spent

15 years as a paramedic.

Mr. Slattery is the 2017-2018 Vice President for the Greater Baton Rouge ASSE chapter, is an executive board member for South Louisiana STEPS, and volunteers with API's Technical Advisory Group for RP 75 SEMS.

Breakout Session #6B - 11:00 AM - 12:00 PM - Thursday
Leadership Track
Safety Begins In The Hiring Practice
Jim Briggs

Safety begins in the hiring process by hiring a person that matches or exceeds the physical job demands. Learn how to legally perform employee selection that reduces injuries.

This fast paced and informative session is appropriate for any Risk or Safety Consultant. Safety does begin in the hiring process if the Safety or Risk Manager puts in place a physical ability Test. Peer reviewed and published information shows a reduction in injury rates up to 47% and an increase in employee retention up to 21% by selecting the right applicant for the job. You will leave the session with increased knowledge of how to select employment testing vendors, when it is and is not appropriate to recommend an employment test and how to determine if employment testing will create a negative or positive ROI. This session will also review the "What Went Wrong" with recent case history involving physical ability and other employment testing. So, bring your note pad, you will have questions and want to take notes.

Learning Objectives:

1. What federal laws govern employment testing
2. Why test? ROI
3. Case studies review
4. How to select a testing vender
5. When is testing appropriate
6. Who should I test



Mr. Briggs presents and publishes articles on issues related to employment testing. His articles have appeared in Occupation Health and Safety Online Magazine, Facility Management Magazine, HR Times Magazine, The Informer Magazine, the American Occupational Therapy Online Magazine, and the peer-reviewed journal Work. One of the articles he co-authored was entitled "A Study of the Effectiveness of Ergonomically-Based Functional Screening Tests and Their Relationship to Reducing Worker Compensation Injuries".

His consulting work has literally been with planes, trains, automobiles, trucks and boats. Taking him from manufacturing plants to grocery, retail and beverage warehouses and trucking companies, down to the bowels of turbine generators in hydro-electric dams and underground mines to thrilling adventures with the crab boats in the Bering Sea.

Mr. Briggs received his Bachelors of Science Degree in Occupational Therapy from Tennessee State University and also holds a Bachelors of Liberal Arts Degree in Criminal Justice and Business Law from the University of Tennessee. After leaving Law Enforcement, he has worked in healthcare since 1978 in management and as a therapist in industrial rehab, inpatient, outpatient, orthopedics, geriatrics and traumatic brain injury. He has been employed with Advanced Ergonomics since 2001.

Breakout Session #6C - 11:00 AM - 12:00 PM - Thursday
Regulatory Track

Lean For Manufacturing: Motion Is Money

Greg Griffith, CSP, CPCU, ARM, ALCM, AOEE &
Bob Cauthen, CSP, ARM, CRIS, AIS, RRE

The cost of doing business, coupled with a maturing workforce, requires employers to look at injury costs and productivity. Motion is Money integrates principles of ergonomics with concepts of lean manufacturing and human factors. This presentation will highlight methods of reducing workplace exposures while increasing productivity, enhancing worker efficiency and improving bottom line profitability.

Learning Objectives:

1. Identify the importance of effective ergonomic principles in the workplace.
2. Understand the linkage of lean manufacturing to overall workplace safety.
3. Identify ergonomics cost savings opportunities in the manufacturing segment.



Bob Cauthen, CSP, ARM, CRIS, AIS, RRE
CNA Risk Consulting Director

Bob and Greg are both members of the Risk Control Team for CNA Insurance. They both have over 30 years of risk management, risk control and safety experience. They are both Professional Members of the ASSE Georgia Chapter. They both working with client management teams in continuous improvement workshops specifically in the areas of ergonomics, risk assessment and strategic planning.



Greg Griffith, CSP, CPCU, ARM, ALCM, AOEE
CNA Client Services Leader

Breakout Session #6D - 11:00 AM - 12:00 PM - Thursday
Safety Track
Report Writing 101
Daniel Boreman

Report writing is extremely important in many facets; professional, academic and even personal. Report Writing 101 discusses the fundamentals of detail oriented and concise information gathering and report writing. Key terms and methods will be identified and effective training techniques to be practiced individually or as a group will be shared. Who knew report writing could be fun?

Learning Objectives:

1. Discuss fundamentals of report writing
2. Identify key terms to use and not use when writing reports
3. Share effective training techniques



Daniel Boreman CHST, CSST
Emission Monitoring Service, Inc.
HSSE Director

Daniel Boreman is a Health, Safety and Environmental Leader with more than fourteen (14) years of experience in combined Safety, Rescue and Emergency Response. Daniel is a dedicated safety professional with a strong background in; program development and execution, training, compliance and team building. Daniel combines his years of practical experience and high energy to deliver informative and entertaining training sessions. Daniel is a Husband, Father, writer, veteran and a self-proclaimed “People Enthusiast”.

Breakout Session #7A - 1:45 PM - 2:45 PM - Thursday

Culture Track

Health And Safety Planning - With Purpose ... Or Because It Is Required

Kirby Lastinger

During the presentation I will discuss what are the essential elements of most all health and safety plans, and the elements required of regulated plans (HAZWOPER, USACE-APP). What is the REAL purpose for doing a health and safety plan. Who develops health and safety plans in your organizations. What is the difference between a well written HASP and an effective HASP. How to communicate a health and safety plan, and why they can be instrumental in the execution of a safe project. What would or could happen if your plans had to be examined in a court of law.

Learning Objectives:

1. Identify the purpose of developing a health and safety plan.
2. Examine the elements of an effective health and safety plan.
3. Effectively communicate the critical elements of a health and safety plan.
4. Apply what has been discussed/learned during the presentation to your health and safety planning/projects to ensure the plan has purpose and is effectively communicated to eliminate, reduce, and/or minimize hazards to employees.



**Kirby Lastinger – CSP, CET, CHMM, MPA
Amec Foster Wheeler
HSSEA Manager – Florida and Latin America**

Kirby is responsible for implementing and reinforcing, and developing Amec Foster Wheelers health, safety, security, and environmental program throughout Florida and Latin American. With over 800 people working in 11 offices throughout Florida, as well as offices in Peru and Chile, He has engineers and field personnel working on a variety of projects ranging from large civil projects, to active and abandoned mines, to UST remediation projects, and environmental projects covering wetlands and scuba diving. Each of these pose unique safety challenges, and a variety of safety skills to ensure each person goes home safe every day.

Kirby is from Central Florida and has been involved in safety for over 25 years and has worked in chemical plants, surface mines, power production and transmission, food and citrus processing, and construction, as well as done training for the US Army and Airforce. He is a CSP, CET, CHMM, CMSP, and has a Bachelors Degree in Fire and Safety Engineering, and a Master in Public Administration. He also is retired firefighter with 29 years as a career firefighter in a large Central Florida department, with much of his career focused in hazardous materials response and Urban Search and Rescue.

Breakout Session #7B - 1:45 PM - 2:45 PM - Thursday

Leadership Track

Misadventures In Safety Management System Implementation: How To Build Governance And Risk Oversight Into An Established SMS Framework

Stacey Brooks

This session introduces participants to the three lines of defense risk mitigation model and how the three lines work together for effective performance assurance, governance and oversight within a safety management systems. Participants will discover how monitoring activities and program evaluations as part of the “check” function in a plan-do-check-cycle at an individual facility naturally flow into a validation process performed by others. At the end of the workshop, participants will be able to describe the foundational elements of a safety management system and how to confirm these elements as designed are working effectively and provide value.

Learning Objectives:

1. Describe the concepts of governance, oversight and risk management and their role in a safety management system (SMS)
2. Define the three lines of defense for effective risk management
3. Apply SMS foundational elements to create a stronger governance and risk oversight structure



Stacey A. Brooks, CSP, CHMM, CPEA
General Motors LLC
Manager, WSS Program Support & Alignment

Stacey is a Manager of the Workplace Safety System Program Support and Alignment team for General Motors LLC and is passionate about protecting people on the job and the environment. In July 2017, she assumed this brand-new position to help design an effective risk management and governance structure for the company’s regional and corporate-based safety personnel and align communications and resources with business partners in environmental, facilities management, medical and security. Prior to this position, Stacey led more than 150 multi-media compliance and process audits in 15 states and 12 countries during her 9.5 years with the company’s internal audit organization. Before joining the internal audit staff, Stacey spent 7 years in various operational assignments, including positions as an environmental engineer and safety representative at GM manufacturing and non-manufacturing facilities in Georgia and Michigan.

Stacey has a B.A. in Biology from Carthage College and M.S. in Occupational Safety and Health from Murray State University. She holds three professional certifications, including the Certified Professional Environmental Auditor, and is a member of The Institute of Internal Auditors (IIA). This is her fifth year serving as a Member of the Environmental Health and Safety Certifications Advisory Committee (formerly known as the Board of Environmental Health & Safety Auditor Certifications (BEAC), a committee under The Institute of Internal Auditor’s governance structure. She is an active member and past Georgia Chapter president of the American Society of Safety Engineers (ASSE). Currently, she serves as the Secretary for the ASSE Women in Safety Engineering (WISE) Advisory Board and locally on the Georgia Chapter WISE steering committee. She is also an active member of the Georgia Chapter – Alliance of Hazardous Materials Professionals (GA-AHMP) and is one of the instructor’s for the Chapter’s annual CHMM Exam Review Course held at Georgia Tech Research Institute.

Breakout Session #7C - 1:45 PM - 2:45 PM - Thursday
Regulatory Track
Flammable Liquid Safety
Glen Carter

Is your facility safe when it comes to flammable and combustible liquids? Do you understand the laws (OSHA, MSHA, EPA, NFPA 1, NFPA 30, and the IFC), pertaining to flammable and combustible liquid compliance? Most operations are not safe.

In this presentation, you will be alarmed to the sharp contrast of the reality of those operations in violation of the laws and the proper way to comply with the laws.

Learning Objectives:

1. Understand the basics of flammable and combustible liquid safety
2. Learn the fundamentals of developing compliance to laws in your facility.
3. Outline the objectives employee safety training



Glen Carter serves as the Sr. Product Design and Development Engineer for Justrite Manufacturing Company LLC a leader in safety products for flammable and combustible liquids and hazardous materials. Glen holds Undergraduate Degrees in Architecture and a Graduate Degree in Business. Glen serves on the NFPA 30 Flammable and Combustible Liquids Code Committee and the UL/ANSI Committees: STP 0030 Portable Flammable Liquid Containers, STP 0032 Solid Waste Containers, STP 1275 Flammable Liquid Storage Cabinets, and ASTM Subcommittee

F15.10. Glen has over 38 years experience in safety products design development with strict conformance to laws and standards.

Glen is a frequent speaker at safety conferences, and at product training sessions conducted for company employees, distributors, code officials, and safety professionals.

Breakout Session #7D - 1:45 PM - 2:45 PM - Thursday
Safety Track
Engineering Research In Support Of Human Evacuation
Dr. Jerry Davis

This presentation will discuss the role of engineering research in the establishment and validation of human evacuation in numerous environments. We will overview the topic, discuss some historical evacuations and tragedies, learn how engineers work to support life safety, and review a few recent research projects that we have worked on at Auburn University. If you are interested in 'survival' this presentation is for you!

Learning Objectives:

1. Identify potential mismatches between the system designers and end users.
2. Identify limiting factors in example evacuation scenarios.
3. Identify potential evacuation strategies for current and future 'Mega-Structures'.

Jerry Davis, PhD, CSP, CPE
Auburn University
Professor, Industrial and Systems Engineering

Dr. Davis is a certified professional ergonomist (CPE) and certified safety professional (CSP) with twenty (20) years of specialized military human factors experience, and another eighteen (18) years as an academic teaching and performing research in ergonomics, occupational safety and systems safety engineering. His research interests are in the human performance aspects of evacuation, life safety, and work physiology. Jerry has served as an expert witness in safety and health litigation matters around the Nation.