



Wednesday, August 7 | 9:45 – 10:45 a.m.

5001 Champion for Change: Safety Campaign Success Strategies (A)

Discuss how to develop a grass-roots safety initiative awareness campaign. Develop new understanding of effective strategies to create, grow and sustain long-term campaign success using methods such as networking, marketing and partnerships. Review the case example of a local team that expanded its campaign nationwide to identify ways to employ these techniques in your own organization.

Perry Silvey, CHST, BT Construction, Commerce City, CO

5002 The Eight Essential Pillars of Overcoming "No" in Safety Management (I)

Being able to overcome "no" is more important than ever. We all hear "no" often, whether in response to requests for funding, more personnel, or policy and procedure changes. Gain new understanding on where "no's" come from, discuss why it's so often the answer and examine eight pillars for overcoming that response.

Daniel Hopwood, MPH, CSP, ARM, Sompco International, North America, San Diego, CA

5003 Leading Indicators in Practice: Using a Structured Approach to Achieve your Goals (I)

Leading indicators are proactive measures that can provide insight on the effectiveness of EHS activities. Choose the right indicators to move your organization in the direction that you want. Discuss best practices, EHS management system standards, software solutions and specific success stories that can help you harness the potential of leading indicators in your organization.

Gabriel Atencio, CSP, CHST, Ideagen Inc. (Formerly ProcessMAP), Amarillo, TX; Nathan Yaun, CSP, Masonite International Corporation, Watertown, WI

5004 Revolutionize Ergonomic Assessments & Training With Artificial Intelligence (I)

Ergonomic assessments and countermeasures help prevent musculoskeletal disorders, but these manual processes are often time consuming. Computer vision, a type of artificial intelligence, changes that. Learn the advantages and real-world applications of this technology and understand the outcomes you can achieve. Discuss application challenges and review the advantages and disadvantages of available systems.

Deborah Lechner, PT, MS, ErgoScience, Inc., Birmingham, AL

5005 Adding to Subtract: Unseen Factors Lurking Behind Injuries (B)

To break down injury factors, we need to consider six elements. They add up differently for every individual, so implementing changes to your workplace culture to address each element will enhance your worker well-being program and help decrease injuries.

Chantel Gorton, PT, Work Right NW, Woodland, WA

5006 Rise Above the Unknown: Mobile Elevating Work Platform Requirements (I)

Ladder-last policies in industry are increasing the use of mobile elevating work platforms (MEWPs), especially scissors-style lifts. Review the latest rules, regulations and manufacturers' data to help improve training for your MEWP operators, and take away actionable guidance to audit and update existing policies.

Terry Weston, CSP, CET, South Central College, North Mankato, MN

5007 Mobile Equipment & Pedestrian Interaction Safety Improvement (I)

Hear how one employer improved the outcomes of interactions between mobile equipment and pedestrians. Review mobile equipment/pedestrian risk assessment methods and discuss a range of potential prevention and recovery control. We'll also take a look ahead to "what's next" for mobile equipment safety.

Kirk Mahan, P.E., CSP, Georgia-Pacific, Conyers, GA; Andrew Perkins, Georgia-Pacific, Orefield, PA

5008 Take the Challenge: Expand Prevention Through Design to Eliminate Industrial Hygiene Hazards (I)

Gain new insight and take away actionable guidance for applying prevention through design (PTD) principles to control industrial hygiene hazards associated with operation of industrial machines and the potential for exposure to hazards emitted from those machines.

Clinton Evans, MS, Amazon, Seattle, WA; John Olson, MS, CIH, Amazon, Seattle, WA

5009 Risk & the Future of Work (I)

Explore key challenges and potential uncertainties that the future of work will present. Review tools you will need to effectively lead your organization's efforts to enhance workplace safety and protect employees now and in the future.

Fran Sehn, CSP, ARM, F x S Risk and Safety Consulting, Venetia, PA

5010 Crisis Averted: Closing the Gap on Travel Risk (I)

Examine real-life incidents related to travel to build your understanding of the factors that contributed to averted disaster. Identify strategies you can use to identify and mitigate travel risk to ensure the safety, health and security of traveling employees.

Christine Connolley, BCD Travel, Denver, CO

5011 Risk Management in Aviation (I)

Gain practical guidance from a pilot and an EHS professional based on lessons learned from aviation safety and risk management. Build your understanding of key principles and take away actionable tips you can apply to a safety program in any industry.

Bernie Hudson, CSP, ASP, SMS, Stafford, VA

5012 Little Things Matter! Identifying & Mitigating the Safety Impacts of Microstress & Burnout (A)

Stress can lead to work-related illness, injury and task failure. Your organization's overall risk assessment process should consider how stress/microstress can impact your workers. Develop a deeper understanding of microstress, and identify ways you can minimize its impact on your employees and your safety process.

Elisha Engelen, MA, Aon, Minneapolis, MN; Rick Chandler, Aon Global Risk Consulting, Dallas, TX

5013 The Metrics That Actually Matter (A)

Unlock the secret to impactful safety metrics via machine learning and its subset of neural networks that are on the cusp of disrupting the entire EHS discipline. Learn to identify and leverage key data for proactive risk management, backed by insurance insights. Ideal for advanced safety professionals and anyone serious about setting new benchmarks in data-driven safety.

Kevin Miranda, MS, MBA, MAC Safety Inc., CRANBERRY TWP, PA; Josh Kreger, MS, CSP, Pinnacle Assurance, Denver, CO

5014 Safety Considerations for Renewable Natural Gas & Green Hydrogen Production (I)

Green technologies are emerging at an ever-increasing pace, yet many ESH professionals are not equipped to manage sites that employ these technologies. Learn from the presenter's experience becoming proficient in many green technologies and review basic safety considerations for two of these technologies: renewable natural gas sites and green hydrogen production sites.

Connie Muncy, NAES Corp, Donnelsville, OH

5015 Using ANSI/ASSP Z10 to Achieve Next-Level Safety Performance (B)

ANSI/ASSP Z10.0 on occupational health and safety management systems (OHSMS) provides a road map for organizations to improve safety performance. Review the fundamentals of an OHSMS; discuss key components from the standard and supporting documents; get answers to questions about how Z10 is relevant to your industry; gain deeper understanding of why your organization should care about the standard; and get actionable guidance on implementation considerations.

Amy Timmerman, MS, CSP, Illinois State University, Normal, IL; Greg Zigulis, CSP, CIH, Sixth Sense Safety Solutions (GGZ EHS Services, LLC), Rogers City, MI

5016 ESG & Sustainability: Risk or Opportunity for Safety Professionals? (I)

We are in the people business. Opportunities abound when we embrace and leverage environmental, social and governance (ESG), sustainability/human capital and ESH because it aligns and integrates them into purpose (#TrueNorth), strategy and the value created by your company's people. Gain fresh perspective on the people side of sustainability/ESG, connecting the dots to business and safety and health performance.

Kathy Seabrook, CSP, CFIOOSH, FASSP, Global Solutions, Inc., Mendham, NJ

5017 Safety Training: Are You Teaching Sponges or Developing Active Learners? (B)

Do you want to learn how to develop and deliver effective safety training for different learning styles? Build your knowledge about instructional design, immerse yourself in a positive learning environment and get inspired to revitalize your training skills. Learn some new training techniques, find new resources and have some fun being an actively engaged learner!

Maralee Sartain, CSP, Sartain Safety, LLC, Pensacola, FL

5018 KICS: Driving Resilient Safety Culture: The Role of Diversity, Equity & Inclusion in Enhancing Safety Performance (B,I,A)

Diversity, equity and inclusion (DEI) has the potential to enrich organizational perspectives through supporting an evolving, multidiverse workforce. What's your role in supporting DEI in the workplace? Explore the powerful synergy between DEI initiatives and their profound impact on organizational safety culture and performance.

Stephen D. Walter, Chevron, Houston, TX; Daniel Osadiaye, CSMP, Oxbridge Safety Consultancy Ltd, Ekpan, Effurun Delta State, Nigeria

Wednesday, August 7 | 11 a.m. – 12 p.m.

5021 Undercover Jobs: A Lesson in Empathy for OSH Managers (I)

When working with operations colleagues, how many times have you thought, "Why won't people following the rules?" It often seems like operations and EHS speak different languages, so how do we bridge the gap? Using her work as an operations manager, the presenter will share practical guidance and actionable tips you can use to be a better partner and ally.

Erika Winning, CSP, CHMM, CET, Rust Oleum Corporation, Milwaukee, WI

5022 Four Reasons Frontline Leaders Struggle to Deliver Safety Results & How to Them (A)

Do your frontline leaders depend on "the rules," the safety cops and luck to make it through the day? Review how safety results are driven by three elements: values, behaviors and culture. Review systems that degrade trust and credibility, learn methods to identify signals of risk and gather tools to minimize these cultural pressures.

Rodney Grieve, Branta Worldwide Inc, Sacramento, CA

5023 Engage Your Construction Workers With Impactful Safety Training (B)

It's often said that construction workers don't like safety training, but it doesn't have to be that way! We can change this narrative by doing more to create a safer workforce and industry. Explore meaningful, impactful ways to engage construction workers in protecting their own safety.

Graham Clark, CSP, FHG, Inc., Mint Hill, NC

5024 Which Threats Should You Rank in Your Emergency Action Plan & Employee Training? (A)

Every workplace faces emergencies of all kinds. Some risks rank higher on an employer's list of threats. Should we plan for wildfires in New York City workplaces? Earthquakes in Florida workplaces? Tornadoes in California workplaces? Floods in Arizona workplaces? Take away practical guidance on how to rank the most important risks for your organization. This presentation will explore those risks for which your workplace needs to plan and train.

Bo Mitchell, 911 Consulting, Wilton, CT

5025 Toward a Fall Protection Paradigm Shift (I)

Falls from height claim an unacceptable number of workers' lives in the U.S. each year. To stem the tide, we need to lead a paradigm shift among all stakeholders. Examine lessons learned from other developed countries experiencing success in fall hazard management to identify ways to save lives and demonstrate that fall protection is more than just PPE.

Russell Duren, ASP, PGM Safety Services, Las Vegas, NV

5026 Applying Human & Organizational Performance, Psychology & Neurodiversity to Hazard Analysis (I)

Workers' capacity to solve problems and experience errors depends on their individual psychology. Many neurological traits simultaneously enhance capacities and increase errors. Build your understanding of the role of workers' cognitive and neurological diversity, and develop strategies for combining human performance principles and operational hazard analysis to help mitigate risk to workers during operational tasks.

Randy Cadieux, MS, M.Eng., Divergent Performance, Clanton, AL; Noah Cadieux, Divergent Performance, Clanton, AL

5027 Innovations in Safety Technology: Revolutionize the Workplace (I)

Technology is evolving at an unprecedented pace, transforming the way we approach safety. From advanced artificial-intelligence-driven systems to wearable devices, these technologies are not only enhancing incident prevention but also revolutionizing safety design. Through case studies and discussions of practical applications, you will gain insights into how these innovations can help you enhance incident prevention, revolutionize efficiencies and shape the future of EHS.

Janalee McKnight, MS, CSP, VF Corporation (Vans, The North Face, Timberland, Dickies), Monument, CO

5028 Recent Changes to EPA's Risk Management Program Rule: What You Need to Know Now (I)

After several rounds of legislative action, lawsuits and rulemaking, EPA has updated the risk management program (RMP) regulation to reduce risks and bolster community protection. These changes are set to enhance how industries manufacture, store and handle hazardous chemicals. Review the most recent changes and discover how they may impact you and your organization.

Adrienne Young, BSI America Professional Services Inc., The Woodlands, TX

5029 Fine-Tuning Your Process Hazard Analysis (A)

How thorough is your process hazard analysis (PHA)? Review common PHA shortcomings identified during process safety management audits. Many of the issues are often not addressed in PHA facilitator training. Session topics are based on the book "Applied Process Hazard Analysis: The Operational Questions."

Glenn Young, CSP, N/A, Baton Rouge, LA

5030 Strengthening Supply Chains With Integrated ESG-OHS Management Systems (E)

Environmental, social and governance (ESG) considerations are growing exponentially for organizations. This is being driven by factors such as stakeholder awareness, climate change, new regulations, greenhouse gas emissions reduction, increasing competition and growing investor expectations throughout the supply chain. ESG programs with strong ESH elements help organizations and their supply chains optimize performance, reduce carbon footprints, build strong safety cultures and improve bottom-line profitability.

Stephen Sayle, MS, CRSP, National Safety Services, Hammonds Plains, Nova Scotia, Canada

5031 Silo Busting: Leveraging Management Systems to Reduce Workplace Risk (I)

Safety and health management functions are often siloed and disconnected from other operational functions and the corporate mission. Discuss how to leverage strategies that other disciplines use to tear down silos so that you can enhance the functionality of your occupational health and safety management system, minimize risk and reduce workplace injuries.

David Johnson, CSP, U.S. Forces Korea, APO AP,

5032 Integrating Safety & Health Into Management of Change (I)

Changes within a workplace must incorporate safety and health requirements. This is achieved by following a systematic review process and identifying hazards introduced by the changes so they can be mitigated before the change is implemented. Gain practical guidance on written protocols that can help you manage changes and meet safety and health requirements.

Christopher Hicks, MS, Hicks-Carter-Hicks, LLC, St. Louis, MO

5033 Stop Leaving Small Organizations Behind: Their Workers Need Protecting, Too (I)

Both the ANSI/ASSP Z10 Committee and the ISO TC 283 Committee on ISO 45001 are developing consensus standards for occupational health and safety management systems (OHSMS) that work for small businesses. Learn how these standards are being developed, understand why the standards must be different for small business, and review how an OHSMS can benefit a small business.

Mike Seymour, MPH, MS, CIH, Icarus Environmental, Inc., Round Hill, VA; Tanya Conole, Self, Colorado Springs, CO

5034 What You Don't Know About the ANSI/ASSP Standards (I)

Learn about the library of ANSI/ASSP voluntary consensus standards, and review how they are used and in what context. Discuss why these standards are important to safety professionals, and deepen your understanding of how these standards impact you.

Lauren Bauerschmidt, CSP, American Society of Safety Professionals, Park Ridge, IL; Leo DeBobes, CSP, Standards Development Committee, [SDC], Stony Brook, NY; Danyle Hepler, CSP, ASSP Standards Development Committee, SDC, Canel Fulton, OH

5035 Making Safety Training Experiential: Commitment Over Compliance (E)

Experiential training is the future of learning and development. Explore the possibilities of such a program, including the science behind the method, and build your understanding of this new way to engage with your teams. Practice your new skills while cocreating content with other learners.

Cassie Alexander, MS, Xendros Unlimited, Kyle, TX

5036 Evaluating & Enhancing Your Motor Vehicle Safety Program Using ANSI/ASSP Z15.1-2024 (I)

Discover how ANSI/ASSP Z15.1 enhances motor vehicle safety, a top cause of work-related deaths, while reducing economic and reputation risks. The 2024 update focuses on vital elements such as journey management, distracted driving prevention, fatigue management, risk assessment and driver training. Take away actionable ideas for how you can use the standard to reduce incidents, protect your organization's reputation, prioritize employee safety, and promote safer roads and communities.

Terry Ketchum, Covestro LLC, Salem, OH; Alan Mar, MBA, CSP, ARM, Graham Company, Philadelphia, PA

5037 Strategies, Ideas & Applications for Implementing a Total Worker Health® Program (I)

Do you want to know how integrating Total Worker Health® (TWH) into your safety practice can really work? Our panel will tell the story of TWH, explain why it works, share how other OSH professionals have implemented TWH for their diverse workforces and review lessons learned in the process.

Deborah Roy, MPH, CSP, SafeTech Consultants, Inc., Falmouth, ME; Tricia Kagerer, CSP, ARM, Jordon Foster Construction, Austin, TX; Linda Tapp, MS, CSP, SafetyFUNDamentals, Madison, NJ

5038 KICS: Pros & Cons of an Artificial-Intelligence-Driven Future (B,I,A)

Artificial intelligence (AI) applications have focused on improving the capacity to process data faster and more efficiently than humans. Review ways you can use AI to analyze diverse data sources to detect hazards and identify trends so you can develop interventions more proactively. You'll also gain practical insight on concerns AI introduces, such as worker displacement, safety process automation, overreliance on AI systems and robotics implementation.

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5041 How to Thrive in a Volatile, Uncertain, Complex & Ambiguous World (B)

EHS professionals face unique challenges in a volatile, uncertain, complex and ambiguous (VUCA) world, where conditions rapidly change and are unpredictable. Coping in such an environment requires a combination of adaptability, resilience and proactive strategies. Discuss topics such as continuous learning, risk assessment and management, collaboration, networking, flexibility, agility, technology and data utilization, resilience, well-being, communication, stakeholder engagement and preparedness.

Jessica Richardson, MS, CSP, CHST, Whiting-Turner Contracting Company, Johnstown, PA; Kelley Edmier, MS, CSP, CHST, Click Safety, Aliquippa, PA

5042 Cultural Continuums: The Intersectionality of Safety Culture & Diversity, Equity & Inclusion (I)

Explore the synergy between diversity, equity and inclusion (DEI) and safety culture, and review the similarities between safety culture as a comparable continuum to an individual's awareness of DEI. Discuss how DEI and safety enrich each other, drive teamwork, enhance problem-solving and foster an environment of psychological safety and health.

Robert Sharp, Enerpac Tool Group, Columbus, WI

5043 ANSI/ASSP A10.31-2024: Something Old, Something New, Nothing Blue! (A)

Digger derrick safety requirements, definitions and specifications are being revised for 2024. Review the updates and additions to the ANSI/ASSP A10.31 standard and the anticipated impacts for designers, manufacturers, dealers, installers, owners, users, operators, lessors, lessees and brokers involved with this construction equipment.

John Brewington, Brewington & Company, Mount Airy, NC

5044 Emergency Preparedness for Hazardous Substances: Driving Critical Safety Change (I)

Preventing incidents involving hazardous substances is a primary responsibility for employers who produce, process, handle or store these substances. Review the interconnectivity of the collection of regulations, industry best practices and proactive actions your organization to prevent the release of hazardous substance and plan for emergency preparedness and response.

Adam Henson, MS, CSP, CFPS, U.S. Chemical Safety and Hazard Investigation Board (CSB), Windham, NH

5045 Real-World Scenarios: Successes & Setbacks in Ergonomic Technology Deployment (I)

Through real-world examples and lessons learned, add to your knowledge of successes, setbacks and strategies for deploying ergonomic technology. Benefit from video insights and expert interviews on transformative learning and safety science. Dive into technology integration challenges, as well as strategies for achieving buy-in and sustaining engagement. Take away actionable ideas for enhancing workplace safety through collective knowledge and collaboration.

Heather Chapman, MS, CSP, CHMM, Soter Analytics, east grand rapids, MI; Tracy Thornton, Soter Analytics, Edgar, WI

5046 Putting Fire Protection Back Into Your OHS Management System (I)

Deviations and changes driven by fire hazards can lead to failures. Fire protection is a key element of a comprehensive occupational health and safety management system (OHSMS). Success requires building individual and organizational capability, competency and capacity into the system. Review key steps you can take to make fire protection part of your robust OHSMS.

Gabriel Miehl, MS, CSP, CFPS, Wabtec, Erie, PA

5047 Using Injury Claims Data to Improve Patient Handling & Implement Mobility Solutions (I)

You must accurately categorize employee injury claims to identify trends and implement effective solutions. A group of 11 hospitals implemented an improved system for coding injuries, and tracking and trending 15 years of injury data to elevate EHS practices within a hospital system. These improvements helped decrease the frequency and severity of employee injuries.

Teresa Boynton, MS, Mobility Consulting and Presentations, LLC, Loveland, CO

5048 How to Lead Event Reviews for Error-Based Incidents (I)

An incident occurs that involves miscommunication, misunderstanding and errors. How do you learn from it? Simple techniques like the five whys often fix the blame but don't fix the problem. Root-cause analyses are often too complex and expensive. It's time to consider a practical alternative — an event review. This process builds trust, improves processes and grows contributor expertise.

Jake Mazulewicz, Ph.D., JMA Human Reliability Strategies, LLC, Midlothian, VA

5049 OSHA Lockout/Tagout Standard: More Than Just Compliance—A Matter of Life & Death (B)

Take a deep dive into the requirements of OSHA's lockout/tagout (LOTO) standard to clarify what your organization must do to ensure workers are protected and to maintain compliance. Review OSHA enforcement directives and initiatives to help eliminate the confusion that often contributes to noncompliance, and discuss industry best practices to improve your LOTO program.

Greg Duncan, ASP, VelocityEHS, Chicago, IL

5050 Static Electricity Hazards in Industry: Identifying Warning Signs & Effective Controls (I)

Learn how static electricity is generated in industrial operations, including what factors influence the risk level based on the material properties and processing operations. Other topics include the range of effective methods available to control and eliminate electrostatic hazards.

Vahid Ebadat, Ph.D., Stonehouse Process Safety, Inc., Lawrenceville, NJ

5051 Is the Juice Worth the Squeeze? Building a Business Case for Conversion to Hydrogen-Fuel-Powered Industrial Equipment (I)

Develop the knowledge you need to build a business case for increasing productivity and lowering greenhouse gas emissions via conversion from lead-acid battery to hydrogen-fuel-powered industrial equipment.

Sally Smart, CSP, Grainger, Janesville, WI; Karen Silvasy, Grainger, Lake Forest, IL

5052 How Artificial Intelligence Enables Proactive Workflows to Improve OHS Management Systems (I)

Learn how to select and use artificial intelligence (AI) technologies like visual and generative AI as well as large language models (LLMs) to gain visibility into risks and hazards, guide OSH decisions and transform reactive workflows into proactive ones. Review examples of business value measurement and return on investment calculations to help ask the right questions when evaluating vendors and tools to enable EHS performance improvement.

Jonathan Haslanger, MS, SparkCognition, Austin, TX

5053 Implementing ANSI/ASSP Z16.1 to Strategically Measure & Improve ESH Performance (I)

Understand high-level requirements of the ANSI/ASSP Z16.1 standard and its framework for a robust occupational health and safety management system (OHSMS) and risk reduction strategy. Develop a plan to transition your organization's current measurement system to a more effective and mature system that aligns with the standard's expectations. Effectively use impact metrics to demonstrate how EHS contributes to organizational performance.

Alexi Carli, CSP, Carli Consulting, LLC, kodak, TN; Paul Esposito, CSP, CIH, STAR Consultants, Inc., Arnold, MD

5054 Strategies for Conducting ISO 45001 Management Reviews in a Global Organization (I)

As more organizations pursue ISO 45001 certification, an effective management review process is required to yield better outcomes and identify opportunities for continual improvement of the overall system. Gain insight on actionable strategies you can use to conduct ISO 45001 management reviews across a global organization that will engage and motivate top management to drive improvements.

Sylvia Kamau, CSP, ASP, INTERNATIONAL BUSINESS MACHINE (IBM), NAIROBI, NAIROBI, Kenya

5055 Implementing Pre-Project & Pre-Task Safety & Health Planning Effectively (I)

ANSI/ASSP A10.1, "Pre-Project & Pre-Task Safety and Health Planning," incorporates the latest in industry advances related to construction activities. Providing guidance found in the consensus standard, which includes items such as templates, checklists and the incorporation of prevention through design concepts can help streamline the implementation of effective safety management of planning for every construction job site and activity.

Wesley Wheeler, SMS, National Electrical Contractors Association, Rockville, MD; Jim Evans, MS, CSP, SMS, TransUrban, Alexandria, VA

5056 Take Your Training & Communication Skills to the Next Level (I)

Learn how to elevate your training and communication skills by discussing ways to incorporate opportunities for trainees to be active participants in their learning. Gain practical, proven guidance for developing creative visual communication skills and actionable tips for effectively presenting numerical data and statistics for lasting impact.

Linda Tapp, MS, CSP, SafetyFUNdamentals, Madison, NJ

5057 Forum: Psychological Health & Safety Management (I)

Five psychological safety and health experts will discuss the current state of practices available to determine psychosocial hazards and risks among workers, develop relevant controls to manage those risks, and monitor and measure the adequacy and effectiveness of those controls. Bring your questions for an interactive learning experience!

Ken Clayman, SMS, Booz Allen Hamilton, Fredericksburg, VA; Polizzi Alessandria, Verdant Consulting, Sharon, MA; Patterson Carrie, Patricia Omoqui Enterprises, Inc., Glastonbury, CT; I. David Daniels, Ph.D., ID2 Solutions, LLC, Fairburn, GA; Kahlilah Guyah, CSP, CHMM, EHS Compliance Services Inc. (EHSCSI), Austin, TX

5058 KICS: Communication Before, During & After a Crisis: Will You Be Ready? (B,I,A)

We can learn many communication lessons after a crisis like the COVID-19 pandemic. Are your skills adequate? Come share your ideas, strategies, challenges and lessons learned on how we can improve, and help inform our practice specialty's future training opportunities.

Ron Carr, MS, CSHM, Visionworks, San Antonio, TX; Wendy S. Stephenson, MS, CSP, ARM, Silver Safety Consulting, Irmo, SC

Wednesday, August 7 | 4:15 p.m. – 5:15 p.m.

5061 Driving EHS Culture: Creating Safe, Healthy & Environmentally Conscious Workplaces (I)

If we could answer the question of how to create a safe, healthy and environmentally conscious workplace, we would have worked ourselves out of a job. But successful executive ESH business leaders have figured out the "secret sauce." Take away key insights on actionable strategies you can implement to help your organization commit to a new path forward in safety management.

Anupama Mehrotra, CSP, Amazon, Arvada, CO

5062 Creating a Strong Company (Safety) Culture: From the Top or From the Bottom? (B)

Having a company culture that puts employee safety and health at the forefront is essential to your organization's success. But who is ultimately responsible for creating that culture: the C-Suite, the employees and managers on the production line, or some combination? Review and discuss the research that will help you answer this question.

Christina Roll, MS, CSP, CIH, AXA XL, Buford, GA

5063 Prevention Through Design in an Industrial Environment (A)

From a design and construction standpoint, you need to consider how constructed materials will be used and the risks they pose to operating personnel. Learn from real-world industrial examples of applying prevention through design (PTD) concepts and discuss best practices for applying PTD in an industrial environment.

Neil Feldscher, J.D., CSP, CIH, New York City Department of Environmental Protection, Corona, NY

5064 As Projects Get More Complex, Can Safety Keep Up? (I)

The increasing complexity of projects and evolving technologies have changed the safety landscape. Learn from the experience on a Saudi Arabian megaproject and explore how to leverage advanced technologies, prevention through design techniques and the input of crossfunctional teams to reduce risk and increase worker safety.

Thom Kramer, P.E., CSP, LJB Engineering, Miamisburg, OH; Abdullah Al-Ghamdi, Riyadh, Kingdom of Saudi Arabia, Abaqaiq, Eastern, Saudi Arabia, Saudi Arabia

5065 The Minds of the Workplace: A Closer Look at Mental Health & Suicide (I)

Mental health and suicide are affecting many people in many industries. The more of an understanding we can develop, the more likely we can make a positive difference in the workplace. Designed for attendees with varying backgrounds, levels of responsibilities and experiences, you will learn how to identify opportunities to assist team members in the workplace.

Robert Labbe, CSP, CHST, ARM, American Global, LLC, New City, NY

5066 Control Effectiveness: Testing With Human-Centered Design (E)

Critical controls designed without frontline user input have a high failure rate. By incorporating the concepts of human-centered design, you can create the most reliable strategies for designing out hazards, reducing the nature of hazards and introducing innovative new controls. Doing so will also significantly enhance safety and productivity and give leadership has governance assurance.

Kelvin Genn, Art of Work, Chelsea, Victoria, Australia; Michael Behm, Ph.D., University East Carolina, Winterville, NC

5067 How a "New" View of Safety Improves "Old" Safety Programs (A)

As you bring principles of human and organizational performance (systems thinking) into your organization, you may encounter questions from other leaders like, "How does this fit with the programs in which we've invested?" In other words, "Is this just the 'flavor of the month?'" Review four case studies that demonstrate how these powerful "new" concepts can amplify existing programs.

Phillip Ragain, MA, The RAD Group, Conroe, TX

5068 NIOSH Resources for ESH Professionals (I)

NIOSH performs research and provides resources to address work-related safety and health hazards. Its recommendations and free products address multiple industries and audiences. Learn about the latest resources you can access from the agency.

Thomas Lentz, Ph.D., MPH, National Institute for Occupational Safety and Health (NIOSH), Cincinnati, OH

5069 Using Drones as a Safety Assessment Tool (I)

Gain practical guidance and actionable strategies for using drones to improve the safety of your work site through aerial surveying, mapping and modeling, emergency preparedness and more.

Julia Waszyn, GSP, Tesla, San Jose, CA

5070 Integrating Job Hazard Analyses: Focusing on the Task (I)

We have made vital improvements in EHS over the years, yet still see many of the same incidents occurring. We also seem to expect different results from those same processes. Identify ways to apply different thinking in the workplace, review how to focus on jobs, prevent serious injuries and fatalities and move beyond simply checking the box.

Langdon Dement, MS, CSP, Evotix, Spring Hill, TN

5071 How Can Artificial Intelligence Improve Workplace Safety? (A)

Talk of artificial intelligence (AI) is everywhere. But what does AI mean when it comes to managing your safety data and the safety of your workforce? Learn how to define and think about AI specifically for safety, review common use cases, and discover best practices for assessing the risks and benefits of using AI tools.

Clare Epstein, Vector Solutions, Tampa, FL

5072 Believe in Safety: A Survivor's Story (I)

Explore the transformative power of developing a believe-in-safety approach. Learn about practical strategies, review real-world examples and discuss industry insights to foster a culture of safety. Discover the psychological factors influencing safety, empower individuals to make safer choices, cultivate organizational safety, navigate crises, and better understand the link between safety, trust and success.

Brandon Schroeder, Believe In Safety, Marion, IA

5073 Telling Is Not Selling: What We Can Learn From Sales Leaders (B)

We sell the ideals of safety and health daily. To improve our effectiveness, we can implement the skills used by salespeople. Gather expert insight based on years of knowledge and experience gained by successfully deploying sales methodologies. Use the provided worksheet to practice applying these techniques to a current safety initiative.

Todd Loushine, Ph.D., P.E., CSP, University of Wisconsin-Whitewater, Whitewater, WI; Jill James, MS, HSI, Frisco, TX; Bryan Janzing, MBA, HSI, Frisco, TX

5074 Working Near/Under Water: New Rules for 2024 (I)

Achieving safety around water is complex and so are the regulations/standards. Many EHS professionals are unfamiliar with key aspects, including the requirements of updated industry standards. Develop a deeper understanding of the hazards and mitigation methods used by organizations that either perform or contract to oversee work near water.

Terence Browne, M.Eng., P.E., CSP, Collins Engineers, Inc, Milwaukee, WI; Shanon Chader, M.Eng., P.E., U.S. Army Corps of Engineers, Buffalo, NY

5075 Coaching Employees to Develop the Skill of Working Safely (I)

A frequent question is, "Why can't we get our employees to work more safely?" The better question is, "What have you taught them?" It's not about common sense, PPE or procedures, but about the actual skill of working safely. Take away practical guidance and tools to help your team develop that skill and build the skills you need to teach them instead of blaming them.

Richard Flynt, CSP, CET, National Safety Council, Webster, NY

5076 Adopting Respectful Best Practices in Construction: Lessons Learned in Oregon (I)

Do you find it difficult to track your organization's progress on psychological safety and Total Worker Health® (TWH) goals? Discuss the respectful workplace climate scale — a scientifically validated tool that measures employee experience regarding respectful workplace climate. Discover how public and private partners are collaborating to adopt respectful workplace and TWH practices in the construction industry.

Erin Flynn, Ph.D., Oregon Institute of Occupational Health Sciences, Oregon Health and Science University, Portland, OR; Katia Costa-Black, Ph.D., PT, Oregon Institute of Occupational Health Sciences, OHSU, Portland, OR

5077 OSHA Interesting Field Cases: Session 1 (I)

This panel showcases three cases that together highlight key aspects of OSHA's investigation processes and enforcement procedures in response to retaliatory actions and workplace incidents. OSHA reviews two complaints of similar but unrelated retaliatory actions following the dismissal of employees (complainants) who were injured while working at a railyard facility. OSHA also shares an investigation into a fatality resulting from an explosion during the decommissioning of a 550KV Gas Circuit Breaker at an Electrical Substation. OSHA discusses investigation processes and outcomes, including citations and abatement, and related resources to address the hazards noted and effective anti-retaliation practices.

Wanda Posey, OSHA, Vanessa Burkhead, OSHA, Nancy Tortoriello, OSHA,

5078 KICS: Strategies for Safety During Business Continuity Planning & Incident Recovery (B,I,A)

We have a critical role in business continuity planning, which can impact our organization's survival and recovery. Participate in an interactive discussion about risk assessment and management strategies that you can use to support your organization's business continuity planning and recovery efforts.

Daniel J. Rollino, CSP, ARM, Chubb, New York, NY; Austin Lyon, CSP, New York, NY

Thursday, August 8 | 8 – 9 a.m.

6001 The Future of Safety & Health: Three Trends Shaping the Future of the Profession (I)

Discuss the latest insights from a decade of research and 200 interviews. Discover three transformative trends shaping the safety profession, from emerging technologies to evolving work environments. Be at the forefront of change and gain actionable insights to shape your organization's safety and health future.

Jason Kunz, MS, CSP, CIH, 3M Company, Saint Paul, MN; Perry Logan, Ph.D., MS, CIH, 3M - Retired, Saint Paul, MN

6002 Selling Safety in Your Organization (I)

Are you responsible for influencing management decisions? Do you struggle to get your employees to follow procedures? Influencing without authority is an essential soft skill that every safety professional needs. Learn fundamental selling techniques that allow you to influence decisions and behaviors.

Patrick Karol, CSP, CET, SMS, Karol Safety Consulting, Inc., Romansville, PA

6003 New ANSI/ASSP A10.50 Standard on Heat Stress in Construction (B)

The ANSI/ASSP A10.50 voluntary consensus standard provides guidance to help you manage heat stress for construction and demolition workers on indoor and outdoor work sites. The standard addresses risk assessment; use of water, rest and shade; proper acclimatization for all workers; and engineering/administrative controls to prevent excessive exposures.

Thomas Bobick, Ph.D., P.E., CSP, Bobick and Associates Consulting, LLC, Spokane Valley, WA; David May, Sc.D., P.E., CIH, Keene State College, Kittery Point, ME; Richard Trewyn, National Roofing Contractors Association, Mukwonago, WI

6004 Active Assailant: How Does My Company Train? (I)

Discuss which organizations are most at risk for an active assailant event and identify the steps your company can take to better prepare. Topics include how to recognize the signs of an active assailant; how to respond effectively to protect yourself and others; and how to communicate with law enforcement and first responders.

Ryan Gordon, BSI Group America Inc., Hillsboro, OR

6005 Taking It Up a Notch: Improving Ergonomic Assessment Beyond RULA & REBA (B)

Do you use Rapid Upper Limb Assessment (RULA) and Rapid Entire Body Assessment (REBA) in your ergonomic hazard assessments? Learn about eight other standardized, reliable and valid ergonomic tools that you can readily use to improve your ergonomic assessments.
Lito Amit, Ph.D., ASP, Keene State College, Keene, NH

6006 The Next Frontier for ESH Software Using Human & Organization Performance to Prevent Serious Injuries & Fatalities (E)

Armed with the insight from safety data captured as a result of software changes, organizations can now focus limited resources on issues where they can achieve the greatest return, such as preventing serious injuries and fatalities. Setting the right performance metrics ensures the right information is delivered to the right level at the right time so leaders can act.
Todd Hohn, CSP, ONE Gas, Tulsa, OK; Cary Usrey, SafetyStratus, Clermont, FL

6007 Human & Organizational Performance & the EHS Professional (A)

Explore field initiatives focused on understanding how incidents occur in complex systems, leadership actions and the role that human and organizational performance (HOP) principles played in improving organizational culture. The U.S. Forest Service used HOP and the learning review to initiate change and will share key concepts and techniques that can be applied to a wide range of industries.
Ivan Pupilidy, Ph.D., MS, University of Alabama, Birmingham UAB, Santa FE, NM

6008 Enhancing ESH With Connected Technology: The Power of Data-Driven Solutions (I)

Discover how connected safety is revolutionizing industrial workplaces. Learn about wearable devices and sensors that enable real-time data collection to improve worker protection. Explore the benefits of connected safety in gas detection and lone worker applications. Gain insights into best practices that support effective implementation, adoption and measurement to drive long-term success from an investment in connected technology.
Gabriel Minjarez, Blackline Safety, CALGARY, Alberta, Canada

6009 OSHA Inspections: Best Practices & Common Pitfalls (B)

Every OSHA inspection has distinct facts and complications. Review the main issues companies should consider in the event of an OSHA inspection.
Taylor Johnson, J.D., Keller and Heckman LLP, Washington, DC

6010 Low-Probability/High-Severity Combustible Dust Incidents (I)

Any combustible material can burn rapidly when in a finely divided form. Learn how to demonstrate combustible dust risk assessment based on prevention through design standard methodology and develop greater understanding of how to conduct a combustible dust bow tie risk assessment.
Georgi Popov, Ph.D., CSP, ARM, University of Central Missouri, Warrensburg, MO; Petya Georgieva, MS, CSP, Clarios LLC, San Antonio, TX

6011 Environmental, Social & Governance Journey: The Value of Collaborating With Safety Leadership (A)

Review examples of safety challenges and opportunities that arise as organizations embark on their environmental, social and governance (ESG) journey. Discuss lessons learned and unique perspectives that arose from the close collaboration between ESG leaders and EHS leaders.
Stephen Jenkins, MS, MBA, Cintas Corporation, Mason, OH; Christy Nageleisen, J.D., Cintas Corporation, Mason, OH

6012 Advancing Safe Work Authority (A)

Stop work authority is often dysfunctional and at odds with production priorities. Gain practical guidance on how you can take concrete steps that combine the benefits of safety and production and flip this vital workplace dimension from negative to positive and enhance overall organizational culture.
Michael Fleming, MBA, CSP, HSE Global, Anchorage, AK

6013 Improving the Management Review Process: Management Commitment to OHS Management Systems (I)

Management review is a component of both ISO 45001 and ANSI/ASSP Z10.0. The purpose is to gain management commitment toward strategic EHS objectives, while creating organizational accountability for managers, supervisors and workers to develop and achieve strategic objectives. Management reviews provide leading metrics, not just incident rates, which also connects it to the framework of ANSI/ASSP Z16.1.
Paul Esposito, CSP, CIH, STAR Consultants, Inc., Arnold, MD

6014 Preventing Slips, Trips & Falls With the ANSI/ASSP A1264 Standards (I)

An organization can use the ANSI/ASSP A1264 standards to establish minimum safety requirements for working and walking areas to provide reasonable safety of persons pursuing their foreseeable duties. These hazards and exposures occur in most workplaces and implementing this standard can help you improve workplace safety.
Tim Fisher, CSP, CHMM, ARM, American Society of Safety Professionals, [ASSP], Park Ridge, IL

6015 It's Not Rocket Surgery, It's Brain Science! Understanding the Complexities of Safety (I)

It's easy to get lost in the discussion of the neuroscience surrounding the brain's conscious and subconscious functions and their impact on injury potential. Gain an understanding of concepts such as habit formation, intentional and unintentional actions, and discuss how human factors influence our actions, all of which can help us improve worker safety.
Danny Smith, SMS, SafeStart, Vincent, AL

6016 Applied Ethics for EHS Professionals (I)

Ethics is the standards of conduct and moral values governing actions and decisions in the work environment. Join an interactive discussion based on real-world ethical dilemmas and explore topics such as 1) defining professional ethics; 2) ethical theories and professional conduct; and 3) responding to ethical dilemmas for the best outcome.

Dan Snyder, CSP, CHST, OHST, Safety Mentor, LLC, Protem, MO

6017 Psychological Health & Safety Jeopardy (A)

Play our interactive game where you select the topics and we provide the answers to enhance your understanding of psychological hazards in the workplace. In today's fast-paced and ever-evolving workplace landscape, achieving balance between physical and psychological health and safety is not just a goal, it's a necessity. Let's chart the course together!

Shelly Meadows, MBA, Navigation Consulting & Training, Oakville, Ontario, Canada; Martin Franchi, Navigation Consulting & Training, Toronto, Ontario, Canada

6018 KICS: New Horizons: Safe Green Energy Production: Hydrogen & Renewable Natural Gas (B,I,A)

Green energy is good for the environment, but how do we ensure it's good for worker safety? Billions are being invested now and maintaining a safe work environment for hydrogen and renewable natural gas (RNG) production operations. Take away new insights to grow your understanding of this emerging and challenging field.

Connie Muncy, NAES Corp, Donnelsville, OH; Rene Kalkman, MS, ASP, Holland Board of Public Works, Holland, MI

Thursday, August 8 | 10 – 11 a.m.

6021 Your Ace in the Hole: Supervisors Are the Key to Safety Leadership (I)

Review the critical role supervisors play in organizational success. Learn through small-group discussions and storytelling to define the characteristics of "good" supervisors, and take away actionable guidance on techniques and tools to improve your skills as an EHS leader.

David Silva, MA, Silva Performance Solutions, INC, Mililani, HI; Mary Silva, CSP, Crum & Forster, Mililani, HI

6022 Confined Spaces: Know Your Hazards & Emergency Response (I)

Confined space work is performed daily throughout the world. We must identify inherent hazards to ensure work is conducted safely. Build your knowledge of rescue planning as well.

Chris Ryan, ASP, CHST, Rhino Safety Consulting Group, Pleasant Hill, CA

6023 PFAS Substances: Forecasting Our Future With Forever Chemicals (I)

Per- and polyfluorinated substances (PFAS) compounds are ubiquitous in our world. Our knowledge of their effects is changing rapidly. While environmental impacts have garnered significant attention, other exposures — especially worker exposures — are a growing concern to EHS professionals. Review PFAS exposures, emerging regulations, case studies and new strategies you can use to minimize risks.

Eugene Wingert, CHMM, Somp International, New York, NY; Jessica Vallee-Vasquez, MS, MBA, ARM, Somp International, Asbury, NJ

6024 Managing Fall Protection With Rope Access (E)

With rope access being more frequently adopted into the workplace, harmonizing different methods of fall protection within a successful work-at-height program requires a greater depth and breadth of knowledge and understanding. Gain expert insight and guidance toward planning, training and managing rope access as part of your organization's comprehensive fall protection program for compliance and safety.

Loui McCurley, PMI-Vertical Rescue Solutions, Denver, CO

6025 How Wearable Technology Enables Doing Safety Differently (A)

Today's wearables can be aligned with and enable human and organizational performance (HOP) principles. Technology with the right human-centric approach can monitor relevant safety data that is focused on exposures and experiences rather than the employee themselves. We can use these devices to monitor a range of risks, including environmental hazards, slips/trips/falls/, strain and exertion ergonomic concerns, as well as voice-reported good-catches, to provide a more complete picture of workplace risk in real time.

Tom West, SHRM-SCP, SPHR, MakuSafe Wearable Tech, West Des Moines, IA

6026 Creating a Corporate Learning Environment that Transforms Safety & Organizational Performance (I)

Dr. Devin Bennett presents a proven Human Performance approach used in 100+ countries and 10+ industries that has helped organizations transform and sustain industry-leading safety and organizational performance by establishing a true corporate learning environment. This process integrates cutting-edge Human Performance learnings, empowers employees at the heart of the learning process, and adopts a proven, visible, measurable servant leadership model.

Devin Bennett, Ph.D., MBA, LPS, Inc., Cincinnati, OH

6027 Lessons Learned From Assessing Workplace Infectious Disease Fatalities (I)

Review workplace fatal infection data covering 2001 to 2023. Topics include weakness of EHS programs, deficiencies in preventive measures for infectious agent spread, and approaches for business and safety professionals to prepare for and respond to pandemics like COVID-19. Discuss a range of other contributing factors such as climate change, zoonotic spillover, global trading and international travel as well.

Gavin Burdge, MS, Retired, Lemoyne, PA; Miaozong Wu, Ph.D., CSP, ARM, University of Central Missouri, Warrensburg, MO

6028 How to Build a Language Access Plan to Improve Trust With Limited English Proficiency Stakeholders (I)

Discuss communication strategies you can use to improve language access from a government perspective. Review the differences and benefits of cultural versus language engagement, and understand challenges of trying to change a communications culture that is slow to evolve but necessary to build trust with the most vulnerable workers in the U.S.

Francis Meilinger, MA, U.S. Occupational Safety and Health Administration, Crofton, MD

6029 Delicate Safety Training Videos for Your Company (A)

Unlock the power of safety training by applying tips and expert guidance from filmmaking, playwriting and directing. Based on a combination of artistry and industrial experience, take away practical strategies you can use to foster a safer, more fulfilling workplace for all.

Tony Stinyard, National Gypsum, Gibsonton, FL

6030 Does This Unit Have a Soul? Emerging Trends of Artificial Intelligence in ESH (A)

What is artificial intelligence (AI)? What does it mean for EHS? Will it replace me and my workforce? Discuss the promising future in EHS, including the current state, prospective applications, and the influence of market and academic research on AI impact in EHS.

Matt Law, Ph.D., MPH, CSP, W. W. Grainger, Inc., Bartow, FL

6031 All Charged Up! Are We Ready for All These Batteries? (B)

Get an overview of background issues surrounding electric vehicle lithium-ion batteries. Join the panelists in an interactive discussion designed to help you identify and control potential hazards and environmental exposures.

Scott Baronowski, CSP, Duke Energy, Matthews, NC; Greg Bordner, P.E., CSP, CPE, Toyota Motor North America, Inc., Plano, TX; Chris Butts, P.E., ARM, Sompco, Hendersonville, NC; Mark Hansen, P.E., CSP, CPE, N3B, Los Alamos, NM; Lawrence Schulze, Ph.D., P.E., CPE, University of Houston, Webster, TX

6032 The Art & Science of Psychological Safety: It's Not What You Think! (I)

The word "safety" in psychological safety is misleading if all you think of "safe spaces to speak up." It's about daring to differ, daring to challenge, creating tension and stress, being a risk-taker and still be regarded as a valuable team member, not a disrupter. Discuss how you can apply the art and science of creating psychological readiness in your workplace.

Corrie Pitzer, Safemap International Inc., Vancouver, BC, Canada

6033 New-Hire Safety Orientation: Make It Effective, Impactful, Sticky & Even Fun (I)

Is your new-hire safety orientation program a box-ticking exercise, a "one man show" or a "one-day event? Or maybe it's all of the above? Rather than using this time to conduct lengthy training, think of this orientation as an opportunity to what deliver "safety punch lines."

Jean Ndana, CSP, CIH, ASP, Bull Moose Tube (BMT), Warren, MI

6034 A to Z: Best Practices for ESH Professionals in Manufacturing (B)

Discuss 26 best practices to improve management leadership and grow as an EHS professional. These proven techniques will also help you enhance employee participation, improve communication and boost OSHA compliance, particularly in the manufacturing sector.

Brandy Zadoorian, CSP, Triangle Safety Consulting LLC, Fountain Inn, SC

6035 How to Build an Adaptable Training System From The Ground Up (I)

Training makes a company both safer and more productive. But effective training requires building a well-organized training system that requires a lot of effort and buy-in from more than just the safety department. Learn the building blocks of an effective training, from writing procedures to training plans and lessons learned.

John Fowler, CSP, National Exploration Wells & Pumps, Tappahannock, VA

6036 Guardians of Safety, Guardians of Self: A Dive Into Our Mental Health (A)

Who's safeguarding the well-being of EHS professionals? While you're standing sentinel on that wall, who has your back? Compassion fatigue and worker injuries and fatalities affect each of us as safety professionals well as our loved ones. Learn about available tools and resources, and take away practical guidance and actionable ideas for managing and enhancing your well-being.

Jeffrey Spatz, CSP, CET, SMS, Graham Company, Oley, PA; Brenda Doern, Onyx Group of Companies, Erin, Ontario, Canada

6037 Inspiration vs. Desperation: Inspiring Employees Through an Integrated Injury Prevention Program (E)

Decrease sprain/strain injuries by inspiring and treating employees like they are professional athletes. Learn how to implement strategies for a comprehensive occupational/industrial athlete program that will prevent and manage strains/sprains before they hurt your people and your business.

Michael VanAmberg, MA, Work-Fit, Grand Rapids, MI

6038 KICS: Overcoming Challenges to Achieve Safety Success (B,I,A)

Explore the common hurdles our profession faces worldwide and uncover actionable strategies to overcome them. Take away strategies and ideas that will help you empower safety success on a global scale.

Thursday, August 8 | 3 – 4 p.m.

6041 Influencing the C-Suite Using Safety Gap Analyses (I)

C-suite executives want to see quantitative evaluations about safety. This elevates safety from a gray assessment to a black-and-white evaluation, and provides material tasks and goals to improve safety performance. This also helps you be a welcome member of the C-suite, empowering you to elevate your career while tangibly improving your organization's safety performance.

Mark Hansen, P.E., CSP, CPE, N3B, Los Alamos, NM; Alex Flores, CSP, ERM, Anna, TX

6042 Transforming ESH: Applying Artificial Intelligence & Machine Learning (I)

Innovations in artificial intelligence (AI) and machine learning (ML) are rapidly transforming the way we live and work. EHS leaders from Google Cloud share their experiences using AI and ML to drive organizational efficiency and effectiveness while enabling industry-leading EHS outcomes.

Glory Jewitt, Compliance, Safety, and Risk Management (CSRM), Atlanta, GA; Michelle Odajima, Compliance, Safety, and Risk Management - Insightz team, Austin, TX; Patrick Wong, P.E., Compliance, Safety, and Risk Management (CSRM), South San Francisco, CA

6043 Building the Five Core Capacities for Sustainable Excellence (A)

Organizations must develop and strengthen five capacities to adapt and thrive in a fast-paced, ever-changing world: 1) system; 2) leadership; 3) engagement; 4) culture; and 5) strategy. Learn from case studies across industries and practical execution guidance to examine these five vital capacities and explore how they harmonize to produce excellent, sustainable results.

Shawn Galloway, ProAct Safety, Houston, TX

6044 Precursors for Serious Injuries & Fatalities in Construction (A)

The U.S. construction industry has a firm understanding of what/where our incidents occur (e.g., falls from height, struck by mobile equipment, shock, electrocution). However, a holistic understanding of why incidents occur remains elusive. Take a deep dive into 43 factors, organized into eight categories, that contribute to serious injury and fatality exposures/events.

Mike Dickerson, MS, CSP, American Contractors Insurance Group (ACIG), Richardson, TX; Matt Summers, CSP, CHST, American Contractors Insurance Group (ACIG), Richardson, TX

6045 Employee Behavioral Problems, Workplace Violence Concerns & Threat Preparedness (E)

Gain new insight and guidance on prevention and response strategies your organization can use to prepare for workplace violence and active threat response. Learn the importance of using a non-linear-response model rather than a traditional linear model, and gain insight on how it can help you respond as these incidents increase in frequency and evolve in how they are perpetrated.

Vaughn Baker, Strategos International, Independence, MO

6046 Strategic Considerations When Developing/Advancing an Industrial Ergonomics Program (I)

Based on experience gleaned over decades of working with unique circumstances, you will gain insight into many specific situations and discuss proven customized program solutions. Get practical guidance on three directions for starting an ergonomics program and eight key components of existing programs to use as a self-check tool to identify areas of needed improvement.

Brock Anderson, M.Eng., CPE, Ergo-ology, Inc., Atlanta, GA

6047 Missed Opportunities: NFPA 1660 & the Lahaina Wildfire on Maui, HI (A)

Discuss the importance of understanding the role of emergency operations center administrator, staff and the NFPA 1600 standard for emergency management, business continuity and emergency preparedness. The goal is to prevent a similar situation from ever happening again.

SeaRay Beltran, CHST, PIRM Group International LLC, Kihei, Armenia

6048 OSHA VPP Modernization & Construction: Why You Should Care (I)

OSHA is exploring ways to modernize, expand and enhance the way organizations can join the agency's Voluntary Protection Programs (VPP). Stay ahead in an ever-evolving regulatory environment by discussing the potential expansion of VPP into construction and demolition, which could help transform safety protocols and position the ANSI/ASSP A10 series of standards to play a significant role. Explore the collaborative efforts between ASSP and VPPPA driving this change forward, and gain actionable insights on how these changes could directly impact you and your organization.

Pamela J. Walaski, CSP, FASSP, Specialty Technical Consultants, Inc., Templeton, PA; John Johnson, CSP, Black & Veatch, Overland Park, KS; Chris Williams, CAE, VPPPA, Falls Church, VA

6049 A Global Collective Effort to Create Psychological Safety (B)

Review Australia's new legislation on managing psychosocial hazards at work. Take away tools you can use to immediately mitigate risk, and discuss how adherence to five key principles can foster psychological safety in the workplace.

Georgina Poole, ICAM Australia, Raceview, QLD, Australia; Tim Page-Bottorff, MS, CSP, SafeStart, Mesa, AZ

6050 Artificial-Intelligence-Driven Incident Investigations & the Global Investigation Standard (I)

Workplace incidents, injuries, illnesses and fatalities are a significant business concern. Discuss the only global standard on workplace incident investigations; take away new prevention insights gained from more than 30 years conducting investigations at one of North America's largest workers' compensation boards; and gather actionable tips and suggestions included in ASSP's book, "Accident Investigation Techniques."

Peter Sturm, MBA, CRSP, STURM Consulting Inc., Coldwater, Ontario, Canada

6051 Electrical Hazards & Risks Through the Lens of System Safety (A)

Since the creation of OSHA, electrical safety in the U.S. has focused on compliance with regulations and industry standards, including NFPA 70E. While it's important to comply with regulations and standards, it's also important to know the limitations of compliance-based safety culture and the benefits of a more comprehensive approach based on concepts derived from system safety.

H. Landis "Lanny" Floyd, P.E., CSP, The University of Alabama at Birmingham, Elkton, MD

6052 Safety Aspects of Diversity, Equity & Inclusion: Diversity Actions (B)

Diversity, equity and inclusion (DEI) goals are now common and can provide an unexpected boost to safety efforts. Reviewing essential job functions, including the workplace environment, can reveal areas that need attention. By reducing restrictive job aspects, a larger population percentage can perform the job, increasing diversity in the workplace.

Ellen Gallo, MS, CSP, CPE, Aon Global Risk Consulting, Kenosha, WI

6053 Traumatic Injury Prevention Research at NIOSH's Protective Technology Branch (B)

Hear about exciting safety engineering research at NIOSH's Protective Technology Branch. Discuss the agency's traumatic injury prevention focus and take a virtual tour through laboratory activities and recent research projects. Learn how research programs are organized at NIOSH and gain new understanding of the critical role external partners play.

Jim Harris, Ph.D., P.E., CDC/NIOSH, Morgantown, WV

6054 Wait! We Didn't Retaliate: Understanding an OSHA Whistleblower Investigation (I)

Being involved in an OSHA whistleblower investigation is challenging for employers, especially those unfamiliar with the process. Take away practical insight and an easy-to-digest road map that your organization can use to navigate through this process.

Todd Logsdon, J.D., Fisher Phillips, Louisville, KY; Phillip Bauknight, J.D., Fisher Phillips, Murray Hill, NJ

6055 Beyond the Shadows: Mastering Grey Fleet Risk Management (E)

Grey fleet is the term used when an employee's private vehicle is used for business travel. The vehicles are essentially their workplaces. Learn policies, responsibilities, insurance, safety and risk mitigation strategies.

Sunny Jhaj, Thinking Driver, Surrey, BC, Canada

6056 The Crisis Next Time (E)

EHS gained status during the COVID-19 pandemic. How can you leverage those gains and maximize the opening provided? Don't wait for those gains to diminish or until the next crisis. Learn about the social power dynamics at play and develop the skills you need to articulate the vast contributions you make to your organization.

Rosa Carrillo, MS, carrillo & associates, inc., Long Beach, CA

6057 OSHA Interesting Field Cases: Session 2 (I)

This panel showcases two cases that together highlight key aspects of OSHA's investigation processes and enforcement procedures in response to workplace incidents. OSHA reviews an investigation of a fatality resulting from hydrogen sulfide exposure while responding to an alarm condition at an oil and gas wellsite. OSHA also shares an investigation following a referral from the US Department of Labor Wage and Hour Division related to employees in high ambient heat during harvesting activities. OSHA discusses investigation processes and outcomes, including citations and abatement, and related resources to address the hazards noted.

Neil Kolling, OSHA, Chad Martin, OSHA,

6058 KICS: Making the Transition From Individual Contributor to Manager 2.0 (B,I,A)

Join us for an interactive deep dive on the challenges many of us face when transitioning into a management role.

Thursday, August 8 | 4:15 – 5:15 p.m.

6061 The Challenge of Change: How to Gain Buy-In for Individual & Organizational Change (A)

Facilitating change in organizations and individuals is difficult. Review proven change methodologies to engage individuals and provide tools for any organization. Practice the use of appreciative inquiry as you learn, discover and imagine change and take away a toolbox of change management strategies.

Chris Ross, CSP, The Engagement Effect, Anchorage, AK

6062 The EHS Benefits of New Technology: From Current State to Artificial Intelligence & The Next Frontier (I)

As we look for the best ways to apply technology to drive measurable efficiencies and safety improvements, you will gain valuable insights from the experiences of prominent safety leaders. Their technology journeys helped drive award-winning safety programs, including the hows and whys of what worked and what didn't. Get fresh insights on emerging artificial intelligence solutions and technology.

Roger Audino, Origami Risk LLC, Chicago, IL; Terry Evans, CSP, ARM, Boise Cascade, Boise, ID

6063 Construction Safety Forum: Emergent Issues That Affect the Way We Work (B)

Construction is one of the most hazardous industries in the U.S.; the constantly changing environment requires agile, innovative and informed EHS professionals. Expand your knowledge by engaging with a moderated expert panel discussion on emerging industry issues and challenges on topics such as regulatory updates/impacts, risk management, fleet safety, integrating new technologies and more.

Randall Butler, MS, CSP, SMS, Consumers Energy, Grand Haven, MI

6064 Let's Get Wasted: Managing Biohazardous Waste (B)

Discover a better way to manage biohazardous waste. Review how one organization addressed safety and sustainability challenges within laboratory and healthcare settings. Follow their journey from identifying issues in the previous waste management system to a data-driven evaluation and remarkable outcomes achieved through innovative strategies.

Monica Arevalo, MPH, HHMI Janelia Research Campus, Ashburn, VA; Laura Carmona, MS, HHMI Janelia Research Campus, Ashburn, VA

6065 How to Develop a Comprehensive Fall Protection Program: A Case Study (I)

Discuss recent updates to ANSI/ASSP Z359.2 and the key components needed to implement a comprehensive managed fall protection. Review a real-world case study of one organization's journey to elevate its OSHA-compliant program to become best-in-class ANSI-compliant, thereby achieving the highest level of worker protection.

Jake Williams, P.E., CSP, LJB Engineering, Miamisburg, OH; Christopher Thursby, SMS, United Cleanup Oak Ridge LLC (UCOR), Oak Ridge, TN

6066 Redefining Safety: It's Not Just Physical (A)

Mental health has often been overlooked in the workplace. However, recent recognition of its financial impact, costing billions, has pushed mental health awareness and education to the forefront. Integrating psychological safety initiatives into workplace culture reduces stigma, improves performance, and boosts retention and recruitment.

Mary Lu Spagrud, MA, Mountain Heather Consulting, Prince George, BC, Canada; Melissa Hughes, Workplace Options, Toronto, Ontario, Canada

6067 Changing the Conversation: The Journey to Save Lives Continues (I)

Are you searching for ways to apply human and organizational performance (HOP) concepts? Do you struggle to identify high-hazard work in your facility? Discuss how one organization used HOP-informed processes to transform its permit-to-work process. Based on data from more than 300,000 permits, you'll get practical guidance and actionable ideas on how to achieve success and avoid pitfalls to help move your organization in the right direction.

Chris Brown, CSP, Georgia Pacific, Georgetown, KY; Herman "Chuck" Watts, CSP, Georgia-Pacific LLC, McDonough, GA

6068 What TOPGUN Pilots Know That EHS Professionals Need to Know (A)

We face significant challenges in achieving safety excellence while balancing other organizational goals — such as efficiency, quality and profitability. Explore four tenets that drive elite team success and organizational safety: 1) Complexity requires group success. 2) High-performance teams are built on trust. 3) Move from academic to actionable. 4) Adaptive capacity equals mission success.

Michael Peterson, MA, Spartan Training & Performance LLC, Larkspur, CO; Timothy Reynolds, MA, Spartan Training & Performance, Colorado Springs, CO

6069 Outdoor Work: One of Only Five Workplaces With Infectious Disease Exposure (B)

Do you or members of your team work outdoors? How about working with animals? These are only two of five different occupational settings where occupational infectious disease can impact the workplace. In addition to COVID-19, find out what else is lurking out there.

George Gruetzmacher, Ph.D., CSP, CIH, WI State Laboratory of Hygiene, Madison, WI

6070 Climate Disclosures & Private Companies: Three Things to Do Now (A)

As publicly held companies prepare for Scope 3 emissions reporting requirements, private companies will ultimately be required to disclose GHG emissions data to their publicly held value chain partners. Review practical techniques you can use to establish and strengthen your organization's climate risk and emissions disclosure processes and stay ahead of stakeholder demands for increased climate transparency.

Greg Duncan, ASP, VelocityEHS, Chicago, IL

6071 Reframing Risk as Uncertainty (I)

"The things that kill workers are not the things with the highest perceived risk. The things that kill workers seem to be the most difficult to control."

Many risk management practices are based on views of work as neatly ordered and predictable, yet the systems we work in are often uncontrollable. Uncertainty is common yet seldom prepared for in work. Gain insight and techniques to better manage uncertainty in your organization.

Elizabeth Lay, MS, P.E., Forge Works, Rochester, NY

6072 Predicting Occupational Fatalities: The Six Fatality Factors (I)

Fatalities are a result of many factors, many of which are not well understood or addressed by most organizations. Through experience investigating and reviewing hundreds of fatalities and near-fatal events, we have distilled the common factors down to a list of six that are always in play before each event. Understanding these factors can allow you and your organization to predict and prevent fatalities.

Peter Susca, OpX Safety, WETHERSFIELD, CT; Mike Dwyer, ArcelorMittal, Brampton, ON, Canada

6073 System Safety: A Fascinating Subdiscipline of ESH Practice (B)

System safety, a specialty subdiscipline of EHS practice, has much in common with the broader discipline, but it also has several unique and fascinating facets. Learn about system safety's history, benefits and fundamentals from a long-time expert in the field, who will also share personal observations and summaries of sample projects.

David West, P.E., CSP, CHMM, Board of Certified Safety Professionals, Carmel, IN

6074 Current Safety Trends in European Material Handling & Logistics (I)

Plant and warehouse incidents often result from human error. Forklift warning systems improve safety by alerting operators, pedestrians and vehicles nearby, and they are crucial in reducing incidents. Review European technology solutions, discuss how autonomous driving and digitization affect safety product development, and examine key trends and benefits in preventing workplace hazards in material handling.

Alexander Glasmacher, MBA, ELOKON Inc., Atlanta, GA

6075 Don't Call It Safety Culture, Call It Culture: How Companies Activate Safety as a Priority (A)

Most companies agree safety is important, but many struggle to successfully create a culture of safety. Our panel will share their experiences from the JFK Terminal One Project, with a focus on driving employee engagement, the role of leadership and the impact of technology on safety efforts.

Janan Guillaume, ToolWatch, Englewood, CO; Hamid Abuzaid, MPH, CSP, NFP, Albany, NY; Joseph Schwed, CSP, Ferrovia Construction, New York, NY

6076 The Changing Nature of Personal Protective Equipment (A)

New technology and a changing workforce have changed the way we assess, view and use PPE. The significant changes in PPE require a reexamination of the hierarchy of controls. Gain insight on this updated hierarchy and revised PPE categories as proposed in the 3rd edition of ASSP's "Safety Professionals Handbook."

Scott Gesinger, MS, CSP, JB Group, Minnetonka, MN

6077 Implementing the New ANSI/ASSP Z490 Standard: A Systems Approach to Safety Training (I)

Are you ready to implement the new ANSI/ASSP Z490.1 standard, "Criteria for Accepted Practices in SH&E Training," within your organization? Discuss how you can use this new standard to establish and implement effective worker safety training, and take away expert guidance on topics such as learner competencies, trainer qualifications and training program management.

Regina McMichael, CSP, CET, The Learning Factory, Inc., Zephyrhills, FL; Alex Reed, M.Ed., CET, Safety Mentor, LLC, North Myrtle Beach, SC

6078 KICS: Effects of a Downturn on Safety (B,I,A)

During a downturn, most companies safety records improve greatly for many reasons. However, when the downturn ends, incidents and fatalities often spike. Join us to discuss the factors that affect these outcomes and find solutions to plan for the future.

Patrick Garland, CSP, WSP USA Inc., Lakewood, CO; Nicole Coughlin, CSP, The Hartford, Parker, CO

Friday, August 9 | 7:30 a.m. –8:30 a.m.

7001 DEI: WTH?! (I)

Most of us think it at some point, so let's just say it: What is diversity, equity and inclusion (DEI) really all about? Participate in an open, thoughtful conversation about DEI and explore the many similarities between DEI and EHS.

Bryce Griffler, M.Eng., CSP, AWS, Frederick, MD

7002 Artificial Intelligence as a Safety Partner: Leveraging ChatGPT in Professional Environments (I)

Explore the potential of using ChatGPT to develop safety protocols. Discover the transformative potential and limitations of artificial intelligence in fostering intelligent, responsive safety environments. Take a deep dive into practical strategies for symbiotic integration of ChatGPT in professional environments, balancing innovation with critical human insight.

Marilyn Hubner, Ph.D., M.Ed., BuildUp Research, Parkville, Victoria, Australia

7003 Business Economics for the Safety Professional: Tools for Project Funding (I)

Gain insight on tools that will help you perform economic analyses. Learn how you can use a tool like Microsoft Excel to justify proposed projects by demonstrating their impact on organizational sustainability. Discuss a case study that reviews the analyses and C-suite presentation, and take away a sample spreadsheet to help you perform the economic analysis calculations.

Lawrence Schulze, Ph.D., P.E., CPE, University of Houston, Webster, TX

7004 Leading a Multigenerational Workforce (E)

For the first time in history, we have five generations in the workforce. It's important to recognize that we can't lead everyone the same way. It's time to embrace the technological revolution that is driving us toward the future.

Skot Waldron, Skot Waldron, Buford, GA

7005 Driving Safety Excellence Through Frontline Leader Coaching: Best Practices From Nutrien (A)

Frontline leaders have the biggest impact on safety culture in an organization. Nutrien has unlocked this potential through its robust safety leadership coaching program that helps crew leaders learn and demonstrate key leadership behaviors. Discuss our big wins and lessons learned during the 10-year journey — and take away practical strategies to bring this impactful best practice to your own organization.

John Horne, Nutrien, Loveland, CO; Jessica Lindal, Nutrien Calgary Office, Calgary, Alberta, Canada

7006 The Critical Role of Communication in Today's Changing Construction Workforce (I)

Misunderstandings have both monetary and physical costs. Not understanding the message being delivered can lead to decreased productivity and directly impact your company's profit margin. Injuries, both serious and minor, can also affect not only production but also your company's future.

Luis Marquez, CHST, Civil Sites Services inc., Marietta, GA

7007 Artificial Intelligence & Wearables: Frontline Success Stories (A)

Review real-world examples of how artificial intelligence (AI) and wearable devices have been successfully deployed, and discuss how these technologies support informed enterprise and site-level EHS decision-making by delivering actionable insights in real-time. Live technology demonstrations will help you visualize how to take your safety management system to the next level. Explore what is possible now and gain insight on where this advanced technology can take us in the future.

Ronald Brandon, CSP, CHMM, Graftech International, Seven Hills, OH; Natasha Porter, MS, Benchmark Gensuite, Mason, OH

7008 ANSI/ASSP Z359 Fall Protection & Restraint Forum (I)

The ANSI/ASSP Z359 Fall Protection Code provides an overall blueprint to help prevent injuries and illnesses that result when workers fall from heights. Add tangible techniques to your toolkit and get answers to key questions that will help you improve your organization's fall protection program.

Thom Kramer, P.E., CSP, LJB Engineering, Miamisburg, OH; Jessica Bunting, Center for Construction Research and Training (CPWR), Silver Spring, MD; Dan Henn, Reliance Fall Protection, Michael Overholt, CSP, ARM, American Contractors Insurance Group (ACIG), Richardson, TX

7009 Mind & Body in Sync: Unraveling the Correlation Between Mental Health & Ergonomics (I)

Gain expert insight on the connections between mental health and the modern state of ergonomics and injury prevention. Discuss current trends in wellness and safety that can help your organization prepare for new challenges.

Kevin Lombardo, MBA, DORN Companies, Denver, CO; Dani Kimlinger, Ph.D., SHRM-SCP, SPHR, MINES and Associates, Littleton, CO; Sally Spencer-Thomas, Ph.D., United Suicide Survivors International, Denver, CO

7010 Psychosocial Hazards Are a Real Hazard (I)

In the aftermath of the COVID-19 pandemic, we've all realized that mental health affects workplace safety and health. Review psychosocial hazards from an OSH perspective, discuss the associated risks, identify the sources of these hazards and discuss practical strategies for addressing these concerns in your workplace.

I. David Daniels, Ph.D., ID2 Solutions, LLC, Fairburn, GA

7011 Are You Safe or Just Compliant? Should You Implement a Daily-Wear FR/AR Clothing Program? (I)

When seeking to prevent arc flash hazards, a key question is whether to implement a daily-wear garment program or a task-based garment program. Review proven tools that can help your organization answer that question while balancing compliance, gaining employee buy-in and working to create a culture of safety.

Derek Sang, Bulwark Protection, Nashville, TN

7012 The Impact of Wildfire Smoke on Outdoor Workers (B)

Climate change is altering wildfires and increasing health risks wildfire smoke poses to outdoor workers. Review regulatory requirements that cover wildfire smoke and compare state standards enacted in California, Oregon and Washington. Enhance your ability to recognize when and how outdoor workers are exposed, and identify effective ways to apply best practices to better protect outdoor workers face from this hazard.

Thomas Neale, CSP, Chubb, Concord, CA; Renee Sweder, MS, CSP, ARM, Chubb, Irvine, CA

7013 ANSI/ASSP Z10 Implementation Update: 15 years at the Crossroads of Culture & Strategy (A)

Learn from one organization's implementation of an occupational health and safety management system based on ANSI/ASSP Z10.0. Gain experiential insight gathered over a 15-year period on tactical and strategic efforts in three fundamental areas — culture, systems and regulatory/technical. Identify strategies you can use to implement specific Z10 elements to achieve similar results.

John Bennett, MC Dean, Dulles, VA; Zach Ramos, CSP, CHST, MC Dean, Tysons, VA; Aaron Schoemaker, CSP, CHST, MC Dean, Tysons, VA

7014 Prevention Through Design: A Fresh Perspective & Integrated Approach to Hazard Analysis (I)

ANSI/ASSP Z590.3, "Prevention Through Design," has garnered renewed interest. But what does this really mean for employers and EHS professionals? How do we effectively address occupational hazards and risks while designing, redesigning and retrofitting processes? We'll help you see why the answer is simple: Integration.

Kelsey Forde, CSP, CIH, CHMM, Parvati Consulting & Government Services, Corrales, NM; Timothy Stirrup, CSP, CHMM, Parvati Consulting & Government Services, Corrales, NM

7015 Electrical Equipment Maintenance & Electrical Safety: Integrating NFPA 70B & 70E for Worker Safety (A)

NFPA 70B-2023 provides guidance on how to administer an electrical preventive maintenance program. NFPA 70E-2024 covers safe work practices for employees who work on electrical systems. Learn how these standards complement each other and review overlapping considerations to help your organization establish an effective and complete electrical safety program.

Paul Zoubek, CSP, CIH, Zoubek Consulting, LLC, Palm Springs, CA

7016 Distracted Driving Is an Acceptable Risk? (E)

We are all very distracted in today's society. Our distractions stay with us and exponentially increase as we drive. Many of us are focusing our EHS efforts in the plant or on the job site, but a very real hazard exists driving to the plant/job site and driving for work. Gain inspiration and new dedication during this moving call to action.

Thomas Goeltz, CSP, Brown & Brown, Minneapolis, MN

7017 OSHA's Role in Emergency Management & Preparedness: Resources for Preparing for Extreme Weather Events (I)

Review OSHA's role in emergency management/preparedness and emergency action plans, and discuss safety and health hazards encountered during response activities. Gain new insight about how OSHA communicates and coordinates with interagency partners during large-scale responses, and review complementary compliance assistance resources available for extreme weather events, such as hurricanes, flooding, extreme heat and cold.

Chris Lawver, OSHA,

7018 KICS: Must-Have Skills & Competencies of a Safety Professional (B,I,A)

Many articles, approaches and opinions address the competencies you need to master to succeed in EHS. Join an interactive discussion that will outline the knowledge, skills, abilities and behaviors that contribute to our success in safety.

Friday, August 9 | 8:45 – 9:45 a.m.

7021 Soft Skills for Hard Workplace Safety Problems (I)

Soft skills are a critical but underappreciated tool in improving compliance rates and strengthening safety culture. Gain new perspectives on the connection between interpersonal skills and safety outcomes, and review the soft skills that offer the greatest impact for you as a safety professional. Learn to improve employee engagement by leveraging the power of storytelling, consistency and other vital soft skills.

Tim Page-Bottorff, MS, CSP, SafeStart, Mesa, AZ

7022 Four Safety Leadership Fundamentals: A Conversation With a Retired Naval Officer (I)

Attendees will learn how to overcome the challenge of lack of engagement in safety by implementing four leadership fundamentals: 1) value alignment; 2) systems and monitoring; 3) education and awareness; and 4) exhibiting visible leadership. Interact with other attendees as we collectively demonstrate how the management team (all levels) must exhibit visible leadership commitment to a safe workplace to change behavior.

Robert McCarthy, CSP, OHST, SMS, United States Marine Corps, Marine Corps Base Hawaii, Honolulu, HI

7023 Hydrogen Production in Construction (B)

Hydrogen is an emerging construction topic and large part of our future energy reliance. Expand your knowledge about what it takes to construct a hydrogen production facility. Explore one organization overcame limited resources and other hurdles to build a hydrogen training program and procedure, and gain knowledge that will help you understand and prepare for the expectations of this type of work.

Shelly Pizzi, CSP, CIH, CHST, Black & Veatch, De Kalb, MO; Chase Hartz, P.E., CSP, Black & Veatch, Overland Park, KS

7024 Lithium-Ion Batteries & Thermal Runaway Hazards: What Can We Do? (I)

Risks posed by lithium-ion cells and batteries are generally a function of type, size and chemistry. Lithium-ion cells and batteries can present both chemical (e.g., corrosive or flammable electrolytes) and electrical hazards, and they have an incredibly high energy density. Once ignited, lithium-ion cell and battery fires can be difficult to extinguish. Gain practical insight about this growing hazard and discuss effective strategies for mitigating the risks.

Melissa Heike, MS, CSP, RJR Safety Inc., Harmony, PA

7025 What Every Body Says About Safety: Harnessing the Power of Nonverbal Communication (B)

Delve into the profound effect nonverbal communication has on safety engagement with an emphasis on the importance of human connection. Discuss scientific research, explore social psychology and neuroscience concepts, and take away practical strategies to enhance safety interactions with workers, supervisors and leaders.

Leslie Stockel, Ph.D., CSP, SMS, Oklahoma State University, Stillwater, OK

7026 An Intertwined Ensemble: Primary & Secondary Industrial Flame-Resistant Garments (I)

We must be able to recognize and define the difference between primary and secondary industrial flame-resistant garments. We typically encounter these challenges at the intersection of multi-hazard environments. Gain expert guidance on what you should do and discuss best practices for selecting secondary PPE garments when addressing multiple hazards that cannot be easily engineered out using the hierarchy of controls.
Alexander Bradley, Ph.D., DuPont Personal Protection, Richmond, VA

7027 In the Weeds: Managing Workplace Risks of Legalized Marijuana (I)

Learn from our panel of EHS professionals turned lawyers as they discuss recent developments in the ever-changing landscape of legalized marijuana. Topics include developments in state and federal laws; strategies for minimizing legal risks associated with determining impairment; workplace accommodations, discrimination and drug testing policies; defining safety-sensitive positions; and more.
Barry Spurlock, J.D., CSP, Eastern Kentucky University / Spurlock Law PLLC, Richmond, KY; Todd Logsdon, J.D., Fisher Phillips, Louisville, KY; Kristin White, J.D., Fisher Phillips, Denver, CO

7028 OSHA Recordable Injuries: Statistically Insignificant But Still Important (I)

While recent studies have found that injury incident rates are statistically invalid, the rates remain a centerpiece metric for many stakeholders. Review how OSHA uses injury incident rates for its site-specific targeting; discuss the trend by employees and unions to use these rates as leverage to gain workplace improvements; and learn why more investors are calling for safety-related data disclosure.
Trevor Neuroth, ASP, Exelon, Herndon, VA

7029 Extreme Makeover: Five Steps for Overhauling Your Job Hazard Analysis Program (I)

When was the last time you reviewed your job hazard analysis (JHA) program? Learn how you can reinvigorate your JHA program and leave with a five-step strategy to improve JHA content and implementation, as well as practical tips for increasing program visibility and improving collaboration with employees and managers.
Valerie Stakes, CHST, General Atomics Aeronautical, POWAY, CA

7030 The Changing Role of the Safety Professional: Time to Improvise, Adapt & Overcome (A)

Gain the tools and resources you need to work more closely with your executive leadership, learn to talk their language and support their efforts to meet corporate goals and objectives while reducing the overall cost of risk.
Scott Lassila, CSP, ASP, Aon, Pearland, TX

7031 Mental Health of Construction Workers: Where Do We Start? (E)

A group of EHS professionals and academics studied how to improve mental health of construction employees. Based on that experience, they produced a guide that covers fundamentals of mental health; identifies which work-related stressors are most impactful; highlights evidence-backed standards to assess the success of employee assistance initiatives; and provides guidance on what not to do when addressing employees' mental health.
Sid Bhandari, Ph.D., Construction Safety Research Alliance, Thornton, CO

7032 Using Technology to Improve Safety & Claims Management (A)

Master safety technology systems to minimize worker injuries. Review vivid examples of how to harness EHS technology to analyze injury data, implement risk mitigation strategies and reduce the total cost of injuries. Learn how to pair strategy with technology for transformative results.
James D. Smith, MS, CSP, Arthur J. Gallagher, Boca Raton, FL; Dexter King, Ideagen, Sunrise, FL

7033 Want to Improve Engagement at the Frontline? Give Them Back Their Smart Phones (I)

Safety technology has transitioned from the desktop to the frontline. Explore how mobile technology allows workforces to remain efficient and active as partners in your organization's safety program. Whether workers are together, spread across different job sites or at home, mobile makes it easy to create real-time safety engagement, maintain communication with and among workers, and manage important safety program data.
Gary "Scott" Gaddis, Intelx Technologies, Owensboro, KY

7034 Protecting Temporary Workers: Best Practices for Host Employers & Staffing Agencies (I)

Temporary workers are those who are paid by a staffing company and assigned to work for a host employer. This dual employment arrangement can create unique challenges to keeping them safe on the job. Discuss proven strategies for managing these challenges, and gain insight on OSHA's requirements and expectations for keeping temporary workers safe at work.
Carol Pariente-Lippi, WOODLAND PARK, CO

7035 Deliver Inclusive Safety Training to Reach Diverse Learners (B)

Is your safety training inclusive? Does it account for learners with disabilities, low literacy and non-English-native speakers? How do we keep these workers safe through our training programs? Gain expert guidance to address common learning barriers and take away practical, inclusive training tips that will help you ensure no learner is left behind.
Ron Klapperich, CSP, CHST, CET, Klapperich International Training Associates, Kapolei, HI; Gwen Navarrete Klapperich, M.Ed., Klapperich International Training Associates (KITA) LLC, Kapolei, HI

7036 The Way We Make Them Feel: Authentic Connections Improve Safety in a Divided World (I)

We are in the business of making people feel. When people feel capable, appreciated and psychologically safe, worker safety improves. Expand your influence by becoming a safety connector who can create authentic human connections (even with "difficult people"). Taking these actions will help your workers feel and empower them to work safer and saner on the job and in life.

Camille Oakes, M.Eng., CSP, SMS, Better Safety/Call Camille, Atlanta, GA

7037 Don't Pour From An Empty Cup: Avoiding Burnout (I)

As if we didn't already have enough to do, the past four years have added a tremendous amount of stress and change to our roles and our lives. Discuss burnout and actionable strategies you can apply to avoid and/or overcome it while leaving the EHS profession better prepared for the future.

Herman "Chuck" Watts, CSP, Georgia-Pacific LLC, McDonough, GA; Elizabeth Fraser, CSP, CIH, Georgia-Pacific LLC, Bargserville, IN

7038 KICS: Unlocking Success: Navigating the Art of Mentorship (B,I,A)

Mentoring holds the keys to professional growth for both mentors and mentees. But what makes a mentoring relationship successful? Join us to decode the secrets of professional growth as a mentor or mentee, share your insights and help our ASSP communities better support the mentoring process.

Adrienne Pearson, Evolving EHS, Saint John, WA; Angel Bright-Kendrick, CSP, The EI Group, Louisville, KY

Friday, August 9 | 10:30 – 11:30 a.m.

7041 An OSHA Update (B,I,A)

Assistant Secretary of Labor Doug Parker will discuss the latest OSHA activities to improve workplace safety, including updates on regulatory priorities, enforcement actions and outreach initiatives. The session will also include an interactive Q&A featuring questions submitted live by our attendees.

Douglas L. Parker, OSHA

7042 Mindfulness & Safety: The Safety Yogi's Toolkit (I)

Explore practical mindfulness tools that can empower your employees to enhance their situational awareness and help your organization foster a safety culture.

Vikram Kapur, Ph.D., CSP, SMS, Tesla, San Ramon, CA

7043 Bleeding & Barefoot: A Survivor's Story (B)

Draw inspiration from the incredible journey from surviving to thriving after being injured in the largest mass shooting in U.S. history. You'll learn what life looked like immediately following the shooting, hear powerful lessons learned and review ongoing work with other mass violence survivors.

Identify simple steps we can all take to make our communities safer and save lives.

Lacey Newman, Bleeding and Barefoot, Fountain Valley, CA

7044 Fall Protection Trivia (I)

Fire up your mobile device and get ready to answer fall protection trivia questions. Have fun and participate in a different way to deliver fall protection (or other) training that maximizes technology and taps into the desire to compete. Fastest correct answer wins so be sure to bring your A game.

Kevin Denis, Work-at-Height, LLC, Poulsbo, WA

7045 How to Have "The" Conversation: Suicide Prevention & Awareness in Construction (I)

Gather tools and develop the conversation skills you need as a construction safety leader. Topics include: 1) the impactful use key elements in a safe conversation by using body language, tone and listening skills; and 2) available resources to help when immediate action is needed.

Sondra Lavoie, CSP, ASP, CHST, Moreton & Company, Boise, ID

7046 Integrating Risk Assessments for Effective Management of Change (I)

Explore the dynamic relationship between management of change and risk assessments. Discuss the types of assessments required for different change scenarios: process changes, design changes and personnel changes. Aligning the appropriate risk assessment types with the corresponding changes helps to ensure comprehensive, effective risk mitigation within your organization.

Marc Juare, MBA, VelocityEHS, Chicago, IL

7047 Become a Movie-Making Mogul: The Sequel (I)

Off-the-shelf videos are good. Homemade, personal videos/movies are better. Learn the latest techniques, view updated equipment and discover that it's not too daunting to make good, engaging videos. During the 2019 presentation, attendees produced short videos using techniques learned, allowing them to practice their skills and be ready to use them immediately in their workplaces.

James "Skipper" Kendrick, CSP, CET, Kendrick Global Enterprises, LLC, Hurst, TX

Friday, August 9 | 1:15 – 2:15 p.m.

7061 Implementing EHS Technology Across Your Enterprise (E)

Discuss real-world examples that demonstrate proven techniques for implementing enterprise safety technology. Topics include stakeholder analysis; building the project A team; needs analysis; change management and communications; multiyear budgeting; phased implementation; onboarding and training; and how to measure and analyze project outcomes.
Serese Selanders, MBA, SolusGuard, Saskatoon, Saskatchewan, Canada

7062 Informal Safety Leadership Paradigm (I)

To explore the emerging paradigm of informal safety leadership, researchers used a quantitative approach to examine the relationship between informal safety leadership and safety consciousness in workplace safety events. The results highlight the importance of promoting informal safety leadership in the workplace and reveal practical strategies your organization can implement to support frontline leaders.
Ashley Gill, CSP, ERM, FORT WORTH, TX

7063 The Buried Truth Uncovered (I)

Hear the unbelievable story of a former laborer who was buried alive while working in a trench. Review the extraordinary events before and after the incident and learn how the experience affected the survivor and his family.
Eric Giguere, Safety Awareness Solutions, Geneva, NY

7064 "Oh Wow" Moments in Ergonomics & Safety (I)

Core ergonomics risk factors include high force exertion, extreme temperatures, awkward postures, frequent repetition and vibration exposure. Take a closer look at how work postures and methods affect physical strength and comfort; review the impact of improvements on employee safety and business metrics; and discuss on how worker injuries and illnesses contribute to the opioid epidemic.
Tim Pottorff, M.Eng., ARM, QP3 ErgoSystems LLC, West Dundee, IL; Merl Miller, MS, CPE, Performance Ergonomics, Mesa, AZ

7065 Fall Arrest: What Happens When You Don't Have Enough Clearance? (A)

Take away practical, actionable strategies for dealing with inadequate clearance when working at height. Topics include use of proper PPE, keeping workers upright, reducing free fall and using rigid anchorage systems, as well as the potential level of injuries when impacts may be possible.
Greg Small, M.Eng., P.E., Elevated Insight & Engineering Ltd., Calgary, Alberta, Canada

7066 Bridging Troubled Waters: Building Over Safety Obstacles (B)

Explore a concept that compares building a safety program over barriers to building a bridge over obstacles. This approach offers an excellent method for documenting a periodic safety program review. Practice using a safety program evaluation form developed based on an OSHA publication.
Dennis Burks, MS, P.E., CSP, Johnson County Community College, Lenexa, KS

7067 Brain Builders: Enhancing Employee Mental Fitness (E)

EHS professionals are recognizing the importance of addressing employee mental health and wellness. Your organization can experience proven safety advantages and gain business benefits from enhancing employee resiliency. Review the business case for psychological safety and health, and gain insight on strategies you can implement to enhance employee mental fitness.
Susan Sawatzky, Ed.D., MA, CRSP, In-Scope Solutions, Barrhead, AB, Canada; Brown Sawatzky, In-Scope Solutions, Barrhead, Canada

7068 Come Sample My Air: Responding to Workplace Air Quality Concerns (B)

Learn about the key elements of a methodology to strategically respond to general requests similar to "come sample my air." Sometimes we are asked to perform sampling with an expectation that anything in the air can be measured. Take away a framework and practical guidance for responding to these broad requests.
Paul Allen, CSP, CIH, ARM, CNA, Willow Street, PA; Bob Simon, CSP, CNA, San Francisco, CA

7069 Process Safety Management: Achieving Compliance, Avoiding Pitfalls & Preparing for Change (I)

You can more effectively manage your process safety management (PSM) program by avoiding common mistakes that lead to OSHA violations. Learn lessons from the perspective of an EHS professional and legal counsel. Their real-world examples and insight on regulatory changes will help you develop practical strategies for managing your PSM program.
Ryan Burr, CSP, Burr Consultants LLC, Powder Springs, GA; Kristin White, J.D., Fisher Phillips, Denver, CO

7070 The Art of Hazard Recognition: Identifying Workplace Hazards (I)

Being successful as an EHS professional is both science and art. Using an experiential learning approach, engage in using tools that will improve your understanding of the environmental factors that exist and how you can enhance your EHS practices using the art of learning to see.
Doug Pontsler, COVE: Center of Visual Expertise, Toledo, OH

7071 Visualizing Compliance Programs (I)

EHS regulations and compliance programs are complex, intricate documents that are hard to follow and understand. Review how you can apply process mapping techniques to EHS compliance programs, and practice a basic process for building job aids for target audiences to more effectively communicate requirements and improve compliance.

Daniel Chodos, CSP, BSI America Professional Services, The Woodlands, TX

7072 The Role & Importance of Consensus Standards: Common Frameworks for Better Performance in Joint-Employer Work Environments (I)

Today's work increasingly relies on a distributed workforce of employees, contractors and subcontractors, as well as temporary labor. This increases the complexity and challenges in business communications employers rely on to accomplish quality, safe work. Discuss why and how consensus standards can help you provide more consistent and improved performance in your operations even with a complex and diverse workforce.

Scott DeBow, CSP, ARM, Avetta, Dallas, GA; Greg Zigulis, CSP, CIH, Sixth Sense Safety Solutions (GGZ EHS Services, LLC), Rogers City, MI

7073 Is Bending & Twisting Really That Dangerous? Rethinking the Ergo Rules: Part 2 (A)

Recommendations to "bend your knees, not your back" and "never bend and twist" only take a workforce so far when it comes to back safety. This is especially true in uncontrolled environments. The better approach is to prepare and condition your workers to perform the heavy and awkward tasks so they become more resilient.

Lori Frederic, Balance Biomechanics, Fort Myers, FL

7074 Process Safety: It's Not Just for Chemical Plants & Refineries (I)

Discuss lessons learned and relearned over decades in nonchemical manufacturing and cold storage facilities on preventing and mitigating process safety incidents (loss of containment events). Review how these lessons learned can and should be applied across many types of manufacturing and cold storage operations such as the food, beverage, fertilizer, power/electric generation/transmission, pharmaceutical and nutraceutical industry.

Richard Sarnie, P.E., CSP, ARM, United Alliance Services Corporation, CANTON, MA

7075 Help Wanted: Expert Witness Needed (A)

The need for qualified EHS professionals to work as expert witnesses is staggering. Many of us may not realize we have the requisite skills and background to qualify for this important role. Get an insider perspective based on real-world expert witness experience gained supporting hundreds of case over 30 years.

Paul Gantt, Ph.D., CSP, CHST, Safety Compliance Management, Inc., San Ramon, CA

7076 KICS: Women & Workplace Violence: Strategies to Reduce the Risk (B,I,A)

Violence at work is one of the leading causes of death for women in America. Building on our group's root-causes discussion from Safety 2023, join us to share and identify solutions that will help protect women and reduce workplace violence risk in our organizations.

Karen LaRue, OHST, Proctor & Gamble Company, West Chester, OH; Camille Oakes, M.Eng., CSP, SMS, Better Safety/Call Camille, Atlanta, GA