



## Monday, June 5

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### Period 1: 9:45 – 10:45 a.m.

#### 5001 Plugging the Holes in Holistic Safety (A)

What are you doing to build holistic safety into the workplace? Get a better understanding of why people do what they do and discover what influences their behavior. Find out what you can do as a safety leader to help people strengthen how they think, feel and act to improve organizational safety performance.

Cristian Sylvestre, M.Eng., P.E., HabitSafe, Chipping Norton, NSW, Australia; Angelina Badri, Universal Safety Wellness, Brisbane, Queensland, Australia

#### 5002 Formalism in Safety Programming: Inherent Limitations and Overcoming Them (I)

Safety programs often rely on limiting, formulaic approaches. Understanding the limiting characteristics of "formalism" in safety can help you develop strategies to overcome them and create a bridge to meaningful programs. Review Safety II, Safety Differently and human and organizational performance (HOP) as platforms for moving past formalism in safety.

Daniel Hopwood, CSP, ARM, SMS, Sompo International, North America, San Diego, CA

#### 5003 Business Economics for the Safety Profession: Presenting to the C-Suite (I)

Explore tools you can use to perform economic analyses to demonstrate the impact of proposed projects on organizational sustainability. Take away practical insights from a case study and an example C-suite presentation.

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

#### 5004 Attaining the Golden Ticket: Cruising to a More Engaged Workforce (I)

Gather proven ideas that will help you recapture the connection you need with stakeholders to achieve organizational and team member objectives and goals. Doing so will help you thrive personally and professionally.

Julius Rhodes, MS, SPHR, mpr group, Chicago, IL

#### 5005 How to Make Awesome Safety Training Videos (I)

You can make safety training entertaining! Creating in-house training videos is a critical skill for any modern safety professional. Review the technical details involved, discuss how-to's and equipment, and make our own safety video by the end of the session.

Rachel Walla-Housman, CSP, CIH, Ally Safety, Vancouver, WA

#### 5006 Walking-Working Surfaces and Pedestrian Safety: Improving Control of Slip, Trip and Fall Hazards (B)

To understand slips, trips and falls, you must recognize the risks and identify necessary controls. By understanding how slips, trips and falls occur, the impact of worker interactions and the role of technology, you can create a robust inspection program.

Scott Gaddis, Intelx Technologies, Owensboro, KY

#### 5007 Confined Spaces: Effective Planning Leads to Success (I)

Every week, work fatalities occur in confined space. Nearly 60% of first responder fatalities occur during confined spaces emergency responses. Review the key elements of knowledge, planning and coordination, all of which are instrumental to working safely in confined spaces.

Chris Ryen, ASP, CHST, Sustainable Workplace Alliance/Rhino Safety Solutions, Pleasant Hill, CA

#### 5008 Ergonomics Policy: Building a Foundation (B)

To develop an ergonomics policy, the safety team must learn how each business unit influences the overall culture and understand the importance of cross-functional involvement. Review the core elements of a comprehensive ergonomics policy; discuss how to incorporate it into existing processes; and develop new understanding of the critical importance of integrating ergonomics into company culture.

Heather White, CPE, The Ergonomics Center, Concord, NC

#### 5009 Improving Exposure Assessment: Tools for Enhancing an Emerging Professional's Skills (I)

There is a need for a significant shift in our profession's paradigm: We need to transition from an approach that rarely uses tools and activities to improve exposure judgment accuracy and interpretation to one where their use is routine and expected.

Donald Elswick, CSP, CIH, CHMM, ELSMART ASsociates, LLC, Northport, AL

5010 Environmental, Social and Governance (ESG) Considerations Affecting Worker Safety in Oil and Gas (I)

Review examples of how safety professionals working in oil and gas operations are addressing the challenges posed by the focus on environmental, social and governance (ESG), which looks at the organization's relationships with its workers, customers, suppliers and community.

Patrick Garland, CSP, WSP USA Inc., Littleton, CO; Jeff Gosney, CSP, CRSP, OHST, Enbridge, Houston, TX

5011 The Hazards of Static Electricity: What Can Go Wrong and How to Prevent It (I)

Learn how static electricity is generated in industrial processes and discuss effective ways to overcome this hazard and the challenges it presents.

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

5012 Industrial Mobile Robots: The Path to Safe Integration (I)

Industrial mobile robots, including autonomous mobile robots, are being adopted in many industries. In addition, consensus standards for their use continue to emerge. Understand the key components of mobile robots; discuss guidance from ANSI/RIA R15.08; and review how to assess risks related to mobile robotics.

Daniel Chodos, CSP, BSI Professional Services America, The Woodlands, TX; Ryan Gordon, BSI Professional Services America, Hillsboro, OR

5013 Safety Algorithm: Development of a Risk Indicator (A)

Companies often fail to comprehend whether safety programs are improving or weakening. That's why they continue to seek ways to better gauge the effectiveness of their safety program. Safety performance indicators identify variables that contribute to poor safety performance, weigh their relative influence and provide output you can use to anticipate challenges and initiate mitigating actions.

Mark Friend, Ed.D., MS, CSP, Embry-Riddle Aeronautical University, Daytona Beach, FL

5014 Understanding the Safety and Health Impacts of Voluntary Consensus Standards (E)

Gain insight and guidance on how consensus standards impact safety and health. Based around an impact model summarized as Impact = Effectiveness x Conformance, build your understanding of the standards adoption model, discuss the life cycle of impact and review factors for assessing effectiveness and conformance.

David Wroth, UL Standards & Engagement, Northbrook, IL

5015 A Perfect Match: Incident Investigations + An International Standard (I)

Workplace incidents and the injuries, illnesses and fatalities they often cause remain a significant business concern. Learn from guidance included in CSA Z1005-21 on workplace incident investigations; take away new insights gained from more than 30 years of conducting incident investigations with Ontario's workers' compensation agency; and gather tips and suggestions included in ASSP's "Accident Investigation Techniques."

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

5016 The Changing Landscape of ISO 45001 and OSH Risk Management (I)

The upcoming revision of ISO 45001 will be influenced by the ISO Joint Task Force on Risk, which was convened to make recommendations to the ISO Technical Management Board. Learn how the concept of risk will change in the next revision and what steps your organization can take to prepare.

Kevin Lehner, CHMM, SMS, Environmental Compliance Systems, Inc., Lake Mills, WI

11 a.m. – 12 p.m.

5017 Mind Over Matter: The Headspace of Industrial Athletes (B)

Musculoskeletal injuries continue to be a prevalent cause of workplace injuries. What role do lifestyle factors play in these injuries? Could these factors be eliminated by a simple change in mindset? Learn about the power our minds have on our health factors.

Chantel Gorton, PT, Work Right NW, Woodland, WA; Ty Gilmore, Work Right NW, Woodland, WA

5021 Selling Safety: Lessons From a Former Front-Line Supervisor (I)

You establish your credibility as a safety professional through your technical skills, but you're often asked to influence organizational change. Inspiring such change requires soft skills such as selling, influencing, communicating and relationship building. Discuss ideas and techniques you can use to bridge the gap between your technical knowledge and your soft skills.

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

5022 Strategies for Safety Excellence: Conquering Common OSH Challenges (I)

What is safety excellence and how is it demonstrated? How can you identify and address common OSH challenges such as an inadequate strategy for safety, failure to learn and the knowing-doing gap? Take away new ideas and suggestions for increasing your practical safety excellence IQ.

Earl Blair, Ed.D., CSP, Indiana University, Bloomington, IN

#### 5023 Quiet Quitting: How It's Affecting Your Safety Culture (I)

How is quiet quitting affecting your organization's overall safety performance? Gather some practical tips that will help you combat this trend and strengthen your workforce. Review a range of tools such as perception surveys, group meetings and one-on-one interviews you can use to learn what drives your workforce.

Randy Milliron, SMS, City of Gillette (Wyoming), Gillette, WY

#### 5024 Putting More ""POW"" in PowerPoint (I)

Help prevent death by PowerPoint by using the new and unique tools found in the latest versions of this widely used software. Gather fresh ideas for eliminating bullet points and defeating the copy-and-paste monster; practice creating video within the program; rehearse your presentation and more. Bring your laptop to get the most from the session.

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

#### 5025 Effective Response to a Fall Protection Incident (A)

OSHA mandates that employers whose workers wear fall protection equipment must prepare for their prompt rescue following a fall. Gain practical guidance you can use to plan for and prevent these incidents.

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

#### 5026 Recognizing the Wins: Measuring Safety Success Through Leading Indicators (I)

Leading indicators are predictable and they provide measurable targets within the organization's control. Learn new ways to focus on best practices, safety management system standards, construction industry experience and other resources to create tool(s) and provide a rationale for a safety leading indicator scorecard that celebrates the win.

Randall Butler, M.Eng., CSP, SMS, Consumers Energy, Grand Haven, MI; Gabriel Atencio, CHST, ProcessMAP Corporation, Amarillo, TX

#### 5027 Exosuits for the Modern Warehouse (I)

Flexible robotic exosuits, or exoskeletons, are emerging as a key technology to dramatically reduce lower back injuries among warehouse workers. Explore key exosuit topics such as applications and usage scenarios; review examples from early adopters; discuss safety and operational benefits and metrics; and explore the competitive landscape and equipment selection criteria.

Ilya Mirman, MS, M.Eng., MBA, Verve Motion, Cambridge, MA

#### 5028 Build Your Bridge: From Compliance to High Reliability (E)

The Bridge to Safety Excellence™ is a proven model to identify what to focus on within any organization to move from compliance to achieving safety excellence and becoming a highly reliable organization. Explore new thinking on how to create business excellence through safety excellence.

Shawn Galloway, ProAct Safety Inc., Houston, TX

#### 5029 How OSHA Regulates Multiemployer and Joint Employer Work Sites (A)

When a work site employs temporary workers or has more than one employer operating on the site, an employer may be held responsible for hazardous conditions it did not create. Review key aspects of OSHA's multi-employer work site directive, discuss how to best manage compliance and meet your obligations and take away guidance to help you mitigate risk.

Dee Anna Hays, J.D., Ogletree Deakins, Tampa, FL; Phillip Russell, J.D., Ogletree Deakins, Tampa, FL

#### 5030 Principles of Risk Assessment Matrices (A)

Risk assessments are a key part of the continuous improvement processes. Learn more about the scientific basis for the various features of risk-assessment matrixes and discuss several ways to design a matrix that incorporates recent research and recommendations found in leading scientific publications on the subject.

Roger Jensen, Ph.D., CSP, CPE, Montana Technological University, Butte, MT

#### 5031 Heat Stress Prevention: Champion an Effective Plan for Your Crew (I)

Does your heat stress prevention program align with OSHA's heightened heat stress enforcement? More importantly, does it meet your workers' needs? Learn about OSHA's heat stress national emphasis program and gain insight on the five elements your program must have.

Alsie Nelson, Ergodyne, St. Paul, MN

#### 5032 Redefining Worker Safety With Visual Artificial Intelligence (I)

With nearly 340 million workplace incidents occurring each year, improving safety and controlling costs is essential to organizations in all industries. Visual A.I. technology leverages existing company infrastructure such as security cameras to proactively identify, prevent and prescribe solutions to an impending safety hazard, which can improve OSH and save lives and money.

Jonathan Haslanger, MBA, SparkCognition, Austin, TX

#### 5033 Is There Still a Place for Workplace Stretching? Moving Beyond Static Stretch (B)

Is there still a place for stretching in the workplace? While many employers have adopted workplace stretching exercises as a part of their ergonomic programs, their efficacy in reducing injuries has been hotly debated. Join us for a discussion of current research and the varied benefits of workplace stretching.

Carmen Shafer, CSP, CHST, Northrop Grumman, Brigham City, UT

#### 5034 Fleet Safety: From Forgotten to Fantastic Using ANSI/ASSP Z15 (I)

The ANSI/ASSP Z15.1 standard provides a framework of essential elements you need to improve your fleet safety program. Gain fresh insight on how to use the consensus standard to address important areas and create an effective, efficient program.

Tim McCarty, MS, CSP, ARM, Clark Insurance, Portland, ME

#### 5035 Leading the Transition to ANSI/ASSP Z16.1-2022 to Measure OSH Performance in Your Organization (I)

Have you read ANSI/ASSP Z16.1 and love the framework but don't know how to get started? Learn how to transition your current measurement system to meet the standard's requirements and use it to change your organization's approach to measuring/improving OSH performance. Doing so will help you better demonstrate how OSH enables efficient business operations.

Pam Walaski, CSP, Specialty Technical Consultants, Inc., Templeton, PA; Paul Esposito, CSP, CIH, STAR Consultants, Inc., Arnold, MD

#### 5036 Impact and Growth of Occupational Safety and Health Management Systems Standards (I)

Why should OSH professionals care about occupational safety and health management standards? Gain the latest insight on the use of these systems. In addition, learn from real-world examples how you can overcome the hands-on challenges often encountered during their implementation.

Tim Fisher, CSP, CHMM, ARM, American Society of Safety Professionals, Standards Development and Technical Services, Park Ridge, IL; Lauren Bauerschmidt, CSP, American Society of Safety Professionals, Standards Development and Technical Services, Park Ridge, IL

#### 5037 Mental Health in the Workplace: A Manual for Success From a Workplace Therapist (I)

Issues related to mental health are stressing workplaces like never before. On-the-job injuries, poor morale, turnover and decreased productivity can be traced back to workers struggling with their mental health. Discuss steps your organization can take to improve the overall mental health of your workforce.

Jessica Siron, MS, MBA, CSP, Rivian Automotive, Normal, IL; Tom Eiseman, Medcor, McHenry, IL; Sharon Moise, Medcor, McHenry, IL

#### 5038 Key Issue Collaboration Session: Risk Control for Hazardous Materials (B,I,A)

Build your understanding of hazardous materials in the built environment and gather how-to information for developing and implementing an effective HazMat safety program. Discuss how to identify and classify materials using building/fire codes and apply effective passive protection strategies required by these codes to prevent emergency events and mitigate loss of property and life. Gain expert insight on property risk management from a code perspective as you collaborate and learn with other attendees how to take steps for remediation.

1:45 – 2:45 p.m.

#### 5041 Diversity, Equity and Inclusion (DEI): Pathway to a Stronger Safety Culture (B)

Diversity, equity and inclusion (DEI) is the practice of cultivating environments where people feel welcome, supported and able to perform their best work. Organizations with strong DEI and psychologically safe environments experience a multitude of benefits. Explore how you and your organization can adapt these principles to build a vibrant future.

Charity Madrid-Torres, University of Arizona, Tucson, AZ

#### 5042 Relentless and Resilient: You and Your Culture Matter (E)

Values determine outcomes. And we all know life is for the relentless and the resilient, not the faint-hearted. The best safety and health outcomes begin with relentless and resilient cultures committed to excellence. Take away new ideas and develop new thinking based on a front-line account of a resilient and relentless culture.

Jeffrey Spatz, CSP, CET, SMS, The Graham Co, Philadelphia, NJ; Ben Evans, ARM, University of Pennsylvania, Philadelphia, PA

#### 5043 Heat Stress Management in Hot Conditions: Assessing Emerging Solutions and Technologies (I)

Millions of U.S. employees are exposed to hot working conditions. As a result, they may develop different types of illnesses and injuries or even die due to heat-related exposure. Discuss critical information you can use to support the application of emerging solutions and technologies to manage heat stress at your work sites.

Ibukun Awolusi, Ph.D., The University of Texas at San Antonio, San Antonio, TX; Chukwuma Nnaji, Ph.D., MBA, Texas A&M University, College Station, TX

#### 5044 Leveraging Ergonomics Principles to Enhance Your Electrical Safety Program (I)

Grow your awareness and understanding of ergonomics principles and their application to electrical safety. Get practical guidance on how to develop and implement effective ergonomics solutions using prevention through design concepts.

Emily Horton, CSP, ARM, CNA, Charlotte, NC; Anuja Patil, CSP, CPE, CNA, San Pedro, CA

#### 5045 Ergonomic Assessments in 30 Seconds Using A.I. (I)

Experience your own 30-second assessment using a powerful A.I. ergonomics software.

David Rumsey, CSP, Marsh & McLennan, Golden Valley, MN

#### 5046 How to Simplify Your Industrial Hygiene Program (I)

You've just received notice that your organization has added the industrial hygiene program to your safety role. Where do you begin? Isn't industrial hygiene a technical role that requires a lot of chemistry and engineering knowledge? Not really. Come learn a simple risk management approach you can use to manage your industrial hygiene program.

Dave Risi, CSP, CIH, VelocityEHS, Chicago, IL

5047 OSHA's Process Safety Management Standard: Achieving Compliance, Avoiding Pitfalls and Preparing for Regulatory Changes (A)  
Learn how to effectively manage your process safety management (PSM) program by avoiding common mistakes that lead to OSHA violations. Learn from an experienced safety professional and legal counsel as they review anticipated regulatory changes, and share their perspectives, real-world examples and lessons learned. Expand your knowledge and gain new ideas for managing your PSM program.

Ryan Burr, CSP, Burr Consultants LLC, Powder Springs, GA; Kristin White, J.D., Fisher & Phillips, Denver, CO

5048 Robot Risk Assessment Requirements: A Review of Updated Regulations, Standards and Methodologies (I)

Discuss the key elements of ANSI/RIA 15.06 and the new OSHA Technical Manual. Take away guidance on how to conduct a robot system risk assessment and determine the measures required to adequately reduce the risks your operators and employees face.

Rebecca Drzewiecki, ARM, Chubb Insurance, Shelby Township, MI; Adam Haroz, Conversion Technology, Inc, Norcross, GA

5049 How Wearable Safety Technology Is Helping Reduce Incidents and Claims (A)

Wearable technology can help safety leaders gain insight into understanding risks and mitigating hazards before incidents occur.

Learn through case studies from industrial environments how data has led to process improvements, detection of environmental and ergonomic hazards, and enhancements in safety culture while also respecting employee privacy.

Tom West, SHRM-SCP, SPHR, MakuSafe Corp., West Des Moines, IA

5050 Inspection of Risk Reduction Measures: ANSI B11.TR8 (I)

ANSI B11.TR8 is a technical report written with users in mind. It provides guidance that breaks down three different types of inspections: 1) conversational, 2) visual and 3) technical to help you identify a range of solutions for reducing risks on various machines. It focuses on a plan, do, check, act approach from a management and plant perspective.

Chris Geroges, MBA, DAK MSS, Chicago, IL

5051 The Aging Worker and the Safety Ramifications for Your Organization (I)

Workers are staying on the job longer than ever. The issue of an aging workforce introduces a potential claims cost to your organization. Developing a safety plan that addresses these exposures will help your organization reduce cost in the long run.

Scott Lassila, CSP, ASP, Aon, Pearland, TX

5052 Functional Safety for Fluid Power Systems (I)

Discuss fluid power functional safety for pneumatics and hydraulics. This will include a review of common assembly examples published by ISO and ANSI B11.26. Take away examples of overlooked requirements and pitfalls to help you devise a more holistic safety solution to meet the specification requirements.

Eric Cummings, MS, ROSS Controls, Lavonia, GA; Chris Brogli, MS, ROSS Controls, Lavonia, GA

5053 OSHA Interesting Field Cases: Session 1 (I)

This panel showcases two enforcement cases: one in response to an Inspector General referral following a report of serious safety and health allegations at a federal helium enrichment facility; and one in response to a fatal fall from a zipline launching and retrieval tower on tribal lands. OSHA discusses the inspection process and outcomes, including citations and abatement.

Keke Enemchukwu, US Department of Labor (OSHA), Houston, TX; Mark Donald, US Department of Labor (OSHA), San Diego, CA

5054 Understanding the Role of Communication in Safety and Leadership (I)

Communication between supervisors and workers on a construction site is critical to ensure safety is always at the forefront. Jobsite supervisors must learn and practice effective communication skills and avoid misunderstandings related to a wide range of factors, including distractions, environmental and cultural differences.

Wesley Wheeler, SMS, NECA, Washington, DC

5055 Safety Management Systems In Healthcare: Barriers and Suggestions for Implementation (I)

The healthcare industry focuses on patient safety, satisfaction and outcomes. Yet, the industry struggles to keep employee safety at the forefront. Gain insight and new perspectives on how implementing a safety management system leveraged through patient safety initiatives can improve employee safety outcomes in healthcare.

Wendy Stephenson, MS, CSP, ARM, Antum Risk, Columbia, SC; Tamara Rodriguez, CSP, Antum Risk, Columbia, SC

5056 The Business Case for a Learning-Based Approach to Errors (E)

Safety professionals often ask whether a learning-based approach to errors (such as human and organizational performance) truly improves safety and human reliability? Another key question is whether there are real-world results that demonstrate this improvement. Develop your knowledge, skills and abilities to make an effective business case for such an approach.

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

#### 5057 Psychosocial Hazards: The Silent Killer (E)

Are unmitigated psychosocial hazards killing your organization, your productivity and effectiveness, your bottom line and, ultimately, your people? Gain new insight into how psychological safety and health should have parity with physical safety and health at work; discuss ways to obtain leadership buy-in; identify psychosocial hazards relevant to your organization; and discuss how addressing them move you along a path to success.

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

#### 5058 Key Issue Collaboration Session: Tackling Risk Challenges in a Post-Pandemic World (B,I,A)

Identify key challenges related to business continuity planning and supply chain management. Discuss strategies on how to assess and mitigate risks, such as what data include, and take away new ideas on how to mitigate risks in your organization.

TBD TBD, Favio Corral, CNA,

4:15 – 5:15 p.m.

#### 5061 The ONE Thing: Research Into Safety Directors' Priorities (A)

Take a deep dive into recent research that examined what senior safety professionals report are their most important initiatives, why and how they are measuring success. Gain insights into four challenges facing safety programs and review four principles to embrace now.

Sharon Lipinski, Habit Mastery Consulting, Bethesda, MD

#### 5062 Identifying Cultural Hazards: Four Clues Your Organization Is Out Of Balance (E)

Based on work with more than 1,000 front-line leaders in the manufacturing sector over the past two years, this session highlights four clues that indicate your organization is out of balance and unable to deliver on productivity, safety and quality. It's not about magic or ice cream, it's all about effective leadership.

Rodney Grieve, BRANTA Worldwide, Inc., Sacramento, CA

#### 5063 Advanced Safety Professional Practice: Capabilities to Impact the Safety of Work (I)

The world of work is changing rapidly, introducing new safety risks as well as new opportunities to manage them. As a result, you need to transform the way you perform your role as an OSH professional globally. Doing so effectively requires a new mindset and new capabilities.

David Provan, Ph.D., MBA, Safety Futures, Chelsea Heights, Victoria, Australia

#### 5064 OSH Communication Strategies 101 (B)

Comprehension is key! To create a safe workplace, you must communicate safety rules, requirements and expectations so that workers understand what you are telling them. Learn effective ways to adapt your communication style to account for employee experience, language barriers, virtual and hybrid presentations.

Lindsay Bell, MPH, CSP, Air Products and Chemicals, Baltimore, MD

#### 5065 Do More With Data: Modern Tools to Manage Your Fall Protection Program (I)

Through a review of case studies, explore the benefits your organization can achieve by leveraging data to manage a modern fall protection program. Develop a deeper understanding of the applications and limitations of each data collection and management tool, and take the first step in transitioning from today's status quo.

Kevin Wilcox, P.E., CSP, LJB, Miamisburg, OH

#### 5066 Human and Organizational Performance: Shifting Perspectives on Safety in Construction (I)

Discuss human performance theory, best practices and application on construction sites. Examine the case study of Paul O'Neill's safety leadership journey; discuss organizational barriers to implementing a human performance mindset; and evaluate human performance examples from the field.

Jessica Richardson, CSP, CHST, CET, Board of Certified Safety Professionals, Johnstown, PA

#### 5067 Active Shooter and Civil Unrest: Today's Real Threats Left Out of Most Workplace Emergency Plans (A)

Active shooter incidents and civil unrest don't neatly fit into response protocols. Active shooter incidents are typically over in less than eight minutes, while civil unrest, like Occupy Wall Street, can go on for months. To address these growing concerns, your workplace training and exercises must incorporate careful and sophisticated response planning.

Bo Mitchell, 911 Consulting, Wilton, CT

#### 5068 "Aha" Moments in Human Factors: The 3PO Approach (I)

Human factors have had many definitions over the years. This immersive, interactive and fun presentation will provide a clearer understanding of how human factors affect your workers and you, the safety professional. Get ready for a practical approach to physiological, psychosocial and psychological aha moments.

Timothy Pottorff, MS, ARM, QP3 ErgoSystems LLC, West Dundee, IL; Tim Page-Bottorff, MS, CSP, CET, SafeStart, Mesa, AZ

5069 Occupational Health Hazards: Are You at Risk? (B)

Occupational health hazards may be lurking within your facility. These hazards may not present themselves until an employee has a reaction or submits a complaint, or the hazards are uncovered by OSHA. Get practical guidance on how to conduct a risk assessment to identify, prioritize and control your facility's occupational health hazards.

Brendan Moriarty, CSP, CIH, ARM, Chubb Insurance, Glen Ellyn, IL

5070 Beyond the Buzzword: What Being Proactive in Safety Really Means (A)

Seeing the reality of your environment and work your employees perform is key to taking the actions necessary before an incident occurs. Being visually literate can help you see workplace hazards that have become so familiar you no longer see them until the incident occurs.

Doug Pontsler, COVE: Center of Visual Expertise, Toledo, OH

5071 Controls Save Lives (E)

Why have the number of work-related fatalities been relatively stagnant in recent years? The reality is the prevention programs deployed have significantly reduced the total number of injuries, but they have limited impact on reducing the number of fatalities.

Todd Hohn, CSP, ONE Gas, Tulsa, OK

5072 Advancing Stop Work Authority (E)

Effective stop work authority means people will cease work if a danger occurs and seek a safe pathway to resume. Advancing this authority requires understanding why the current process is dysfunctional and identifying what steps you can take to flip this vital workplace dimension from negative to positive.

Michael Fleming, MBA, CSP, HSE Global, Boulder, CO

5073 How Environmental, Social and Governance (ESG) Is Transforming the Future of the EHS Professional (A)

You've probably heard the term environmental, social and governance (ESG) and didn't think much of it. ESG could change how we view workplace safety and health. Build your knowledge about what ESG is, discuss how to implement it and identify ways to engage other professionals and shift to a corporate ESG culture.

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

5074 Taking Your Safety Culture to the Next Level: "Belief Based Safety" Culture (A)

Expand your understanding of what a belief-based safety approach entails. Develop new ideas for implementing actionable steps to develop a culture where employees choose to work safely rather than doing so because they have to. Take away learnings based on a large multinational agriculture company's launch of a "Choose Safety Always" campaign that changed its safety culture forever.

Paul Riley, MBA, CSP, WallWalker, LLC, Lehi, UT

5075 Reimagining Safety Management Systems: Building Procedures From Click to Delivery (I)

From developing its own programs for recordkeeping, audits and compliance mechanisms, to building programs that solicit employee feedback and engage workers, to solving issues in real-time, Amazon's procedures and findings can help any organization, regardless of size, build the safety management system that works best for them.

Carla Gunnin, J.D., Amazon, Atlanta, GA; Jasmine Omar, Amazon, Fresno, TX

5076 Building a Safe Environment for Brain Health (B)

Learn from the unique story of a PTSD survivor who has published on healing the human brain. His engaging and humorous style will help you learn ways to immediately begin regaining your life and your organization.

Scott Warrick, J.D., SHRM-SCP, Scott Warrick's HR Consulting & Employment Law Services, Reynoldsburg, OH

5077 Substance Use, Heat Stress and Cardiovascular-Related Fatalities Among Oil and Gas Extraction Workers (B)

Review findings focused on substance use, heat stress and cardiovascular-related fatalities in the oil and gas extraction industry. Discuss risk factors that contribute to these deaths and gather recommendations to consider for mitigating these fatalities.

Kenneth Scott, Ph.D., MPH, NIOSH, Lakewood, CO

5078 Key Issue Collaboration Session: Breaking Down Silos; The Importance of Communications Between Engineers and EHS Professionals (B,I,A)

Discuss methods of communication you should use, methods to stop using and best practices for successful communication.

Scott Baranowski, CSP, Duke Energy, Charlotte, NC; Matt Spencer, CSP, U.S. Poultry and Egg Association, Tucker, GA

## Tuesday, June 6

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8 – 9 a.m.

### 6001 What Is Environment, Social and Governance (ESG) and How It Can Impact Safety Professionals? (A)

Develop a better understanding of environment, social and governance (ESG) reporting. Take away practical advice on how you can use data and analytics to capture reporting information and understand how the reporting process can improve your safety processes.

Rick Chandler, Aon, Dallas, TX

### 6002 How to Build and Grow National Awareness Campaign: A Case Study (A)

Review the development of a grass-roots awareness campaign about a key safety initiative to prevent fatalities in trenching operations. In addition to discussing effective strategies to create and grow such a campaign, discover how one local team expanded its fatality prevention campaign nationwide and is sustaining its long-term growth through strategic networking, social media promotion and volunteer partnerships.

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

### 6003 The Intersection Between Safety Leadership and Diversity, Equity and Inclusion (DEI) (I)

Learn new ways to use the technical aspects of safety compliance to develop leadership for every level of your organization. Safety leadership ranges from the CEO to the front-line worker, and this is where it's most important to incorporate diversity, equity and inclusion concepts.

Monique Parker, CSP, Piedmont Lithium Inc., Charlotte, NC

### 6004 The A.R.T. of Safety Training (I)

Retention is key to effective safety training. If trainees don't remember what they learned, they won't be able to use the new information on the job when needed. Gather practical tips you can use to help trainees pay attention, remember and apply important safety training concepts.

Linda Tapp, CSP, SafetyFUNDamentals, Madison, NJ

### 6005 ANSI/ASSP Z359 Fall Protection and 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. Take away tangible techniques and get answers to key questions that will help improve your fall protection program.

Thom Kramer, P.E., CSP, LJB, Miamisburg, OH; Jessica Bunting, MPH, CPWR, Silver Spring, MD; Dan Henn, Reliance Industries, LaPorte, TX; Michael Overholt, ACIG, Richardson, TX

### 6006 Construction Safety and Health: Emerging Issues and Innovative Solutions (I)

Emerging technologies and solutions are continuously used in the construction industry to address issues/challenges related to fall protection, safety training and more. As an EHS professional, you must understand the impact of these solutions and apply scientific principles to anticipate, identify, analyze and control safety and health hazards in construction.

Lu Yuan, Sc.D., CSP, Southeastern Louisiana University, Hammond, LA

### 6007 Finishing the Forever Chemicals: PFAS and Future EHS practices (I)

Perfluoroalkyl and polyfluoroalkyl substances, widely known as PFAS, are ubiquitous in our world. Knowledge of their effects is changing rapidly. While environmental impacts have garnered significant attention, other exposures, especially worker exposures, are a growing concern. Build your knowledge about PFAS exposures, review emerging regulations and discuss strategies to minimize risks.

Eugene Wingert, CHMM, Sompo International, Risk Control Services, New York, NY; Jessica Vallee-Vasquez, MBA, Sompo International, Risk Control Services, New York, NY

### 6008 Applying the Five Pillars of Safety to Mitigate Ergonomic Strains While Performing Robot-Assisted Surgeries/Processes (I)

Review and discuss a case study that highlights how physicians in a hospital mitigated ergonomic strains while performing robot-assisted surgeries. As an OSH professional, learn ways you can use the principles applied in this case, namely the five pillars of safety and a process road map, to minimize ergonomic strains in industrial operations.

Michael Saujani, M.Eng., CSP, ARM, MKS Safety LLC, Cumming, GA; Keshma Saujani, Ph.D., Northesast Medical Center, Cumming, GA

### 6009 WBGT and Work/Rest Schedules: Two Useful Tools in Heat Injury Prevention (I)

Develop practical knowledge about the wet-bulb globe temperature (WBGT) and its application to the development of a work/rest schedule that follows guidance from American Conference of Governmental Industrial Hygienists. Review a specific work/rest schedule developed for an excavation company and discuss the practical application of WBGT and work/rest schedules.

Wayne Vanderhoof, CSP, CET, RJR Safety Inc. and ASSP Western PA Chapter, Claysville, PA



6010 Why Assessments Are Not Enough: Beyond Musculoskeletal Disorder (MSD) Risk Assessment (I)

Having accurate ergonomics assessment tools to evaluate the risk of musculoskeletal disorders (MSDs) is valuable, but it is not enough. To create sustainable ergonomics processes, you also need an ergonomics system to support the tools within the job improvement cycle Ñ making it easier to achieve excellent results.

Rick Barker, MA, CSP, CPE, VelocityEHS, Chicago, IL; Rachel Zoky, VelocityEHS, Chicago, IL

6011 Implementing and Measuring Risk Assessment Data: Successful Business Integration (I)

Businesses make risk decisions based on data. Risk assessment data is of value when used to help manage risk. Learn how to design, collect and measure the right data for the right decisions.

Paul Esposito, CSP, CIH, STAR Consultants, Inc., Arnold, MD

6012 A Human-Centered Approach to Workplace Safety and Injury Prevention (A)

To future-proof your business, taking a human-centered approach to workplace safety and injury prevention puts the actions of your employees, not just the environment, at the center of the solution.

Bill Pace, MBA, Cardinus LLC, San Antonio, TX; Mark Heaysman, Longitude6, Charlotte, NC

6013 After Your Process Safety Management Audit: How to Thrive, Not Just Survive (I)

The process safety management (PSM) audit process must be completed every three years. Gain new insight on how your organization can embrace the completion of the audit recommendations as an opportunity to improve the company, facility, team and your PSM program overall. Take away practical guidance based on real-world examples that can help you thrive, not just survive, following the audit.

Monte Morrison, P.E., Hot H2O Engineering, Fallon, NV

6014 OSHA Interesting Field Cases: Session 2 (I)

This panel showcases two enforcement cases: one involving an uncontrolled release of molten slag from a tank that killed five workers at an electric generation plant; and one in response to a Sheriff's Department referral regarding an explosion at an oil and gas well site causing severe injuries. OSHA discusses the inspection process and outcomes, including citations and abatement.

Zack Vincent, US Department of Labor (OSHA), Tampa, FL; Brian Trondson, US Department of Labor (OSHA), Bismarck, ND

6015 Structural Approach in Extemporizing Contractors' Safety Performance (E)

Review the findings of a study to identify the importance of making sure contractors clearly understand what is expected from them and how their performance will be assessed. The focus is on 'what gets measured gets done' because without metrics it is difficult to quantify contractors' health, safety and environmental performance.

Yousef Al -Qallaf, Kuwait Oil Company, Ahmadi, Kuwait, Kuwait; Arun Kumar Narayan, Kuwait Oil Company, Ahmadi, Kuwait, Kuwait

6016 NFPA 70E (Electrical Safety): Implementing a Job Safety Plan (B)

Before starting each job that involves exposure to electrical hazards, you must perform a job safety plan and involve employees in that process. The plan should outline means to protect workers from shock and arc flash. Review standard requirements for job safety plan implementation as required by NFPA 70E.

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

6017 Neurodiversity in Safety and Human Performance (B)

What are the implications of the emerging neurodiversity paradigm and movement? Learn how the paradigm benefits organizations and why many are embracing it. Take away practical steps you can take to improve the safety and well-being of neurodiverse workers in your organization.

Noah Cadieux, University of Alabama at Birmingham, Clanton, AL; Randy Cadieux, MS, M.Eng., University of Alabama at Birmingham & Spartan Training and Performance, Clanton, AL

6018 Key Issue Collaboration Session: Environmental Justice "Wokeness": Strategies to Fight Environmental Racism (B,I,A)

Environmental justice is the fair treatment and meaningful involvement of all people, regardless of race, color, national origin or income, with respect to the development, implementation and enforcement of environmental laws, regulations and policies. Share how you and your company are having an impact and learn how to incorporate best practices to ensure your programs support environmental justice.

10 – 11 a.m.

6021 The Path to Success Is Sweet: How SMART(IE) Goals and Objectives Get You There (B)

SMARTIE goals and objectives drive success. These goals and objectives are specific, measurable, achievable, relevant and time-bound, but they are also inclusive and engaging [or SMART(IE)]. These characteristics are essential to achieving program management success in a distributed workforce.

Jo Pina, CSP, Splunk, Goodyear, AZ

6022 DEI: WTH (I)

Some might be thinking it, so I will just say it: What is this diversity, equity and inclusion (DEI) stuff all about, really? And what does it have to do with worker safety? Learn why it's a critical topic and discover the many similarities between DEI and OSH.

Bryce Griffler, M.Eng., CSP, Amazon Web Services, Frederick, MD

6023 Change Employee Mindsets From "Just a Job" to "Long-Term Career" Using Quality Training (A)

There is a way to not only improve your employees' training, but also to change your organizational culture to one where employees want training. Gather practical advice on steps you can take to create a culture that not only improves employee knowledge and skills, but also places their career development in their hands.

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

6024 OSHA Inspections: Best Practices and Common Pitfalls (I)

Every OSHA inspection has its own distinct facts and complications. Review the main issues your organization should prepare for and understand in the event of an OSHA inspection.

Taylor Johnson, J.D., Keller and Heckman LLP, Washington, DC

6025 Workplace Violence and Active Threat Preparedness: A Non-Linear, Tested Approach (I)

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 types of incidents increase in frequency and evolve in how they are perpetrated.

Vaughn Baker Baker, SHRM-SCP, Strategos International, Independence, MO

6026 How the New NFPA 660 Combustible Dust Standard Will Change Combustible Dust Safety (I)

NFPA 660 seeks to change the combustible dust compliance landscape by combining several standards (including NFPA 652 and 654) into one standard. While this may seem unusual, learn why consolidation is necessary and review the major changes being discussed during the first draft stage for NFPA 660.

Jason Reason, CSP, CIH, CHMM, Airdusco Engineering and Design Services (EDS), Greenwood, IN

6027 In the Weeds: Managing Workplace Risks of Legalized Marijuana (I)

The quickly expanding legalization of marijuana and other cannabis products presents unique legal and risk management challenges. Our expert panel will provide an update on current federal and state laws regarding impairment determination, accommodations, discrimination risk and testing policies, and share additional guidance based on real-world examples.

Barry Spurlock, J.D., CSP, Eastern Kentucky University, Richmond, KY; Todd Logsdon, J.D., Fisher & Phillips, Louisville, KY; Kristin White, J.D., Fisher & Phillips, Denver, CO

6028 Managing Forward to Prevent Disaster: Understanding the Past Builds the Future Through Technical Safety Skills (A)

The 2010 Deepwater Horizon explosion and the Piper Alpha disaster in 1988 compelled an industry response and initiated governmental action across the industry. Discuss risk tools guide that can guide your efforts forward to prevention for the future.

Robert Wittkower, MA, CSP, Samsung Austin Semiconductor, Katy, TX

6029 Prevention Through Ergonomics (PTE): Incorporating Ergonomics Into Prevention Through Design (PTD) (A)

While ANSI/ASSP Z590.3-2021 includes ergonomics and human factors engineering concepts, ergonomics are sometimes overlooked by organizations and designers. Build your understanding of the prevention through ergonomics (PTE) model that you can incorporate into prevention through design (PTD) and risk management processes.

Bruce Lyon, P.E., CSP, SMS, Brown & Brown, Inc., Westwood, KS; Georgi Popov, Ph.D., CSP, ARM, University of Central Missouri, Warrensburg, MO

6030 Operational Risk Management for OSH Professionals (I)

Operational risk management enables OSH professionals to deploy a methodology that combines hazard and risk reduction to enhance injury and illness prevention. Discuss six steps you can take to demonstrate to management an acceptable method for reducing workplace injury costs.

Fran Sehn, CSP, ARM, FxS Risk and Safety Consulting, Venetia, PA

6031 A.I. Computer Vision for Forklift Safety: A Case Study at Owens Corning (E)

This case study highlights how a computer vision A.I. system accurately and continuously tracks people, forklifts and inventory to improve warehouse safety.

Keith Bowers, MS, MBA, Bowers Management Analytics, Phoenix, AZ

6032 What to Do When Lockout/Tagout (LOTO) Is Not Feasible? Practical Advice for Applying ANSI/ASSP Z244.1 for Alternative Methods (A)

Nearly every company use some form of alternative methods to lockout/tagout (LOTO). Typically, these solutions employ functional safety and control systems to reduce risks during tasks where OSHA requires LOTO. Gain practical insight that will help you apply current standards and best practices to achieve acceptable risk when LOTO is not practical.

Bruce Main, P.E., CSP, Design Safety Engineering, Inc., Ann Arbor, MI; Alan Metelsky, dse, Ann Arbor, MI

6033 Ergonomic and Industrial Athlete Interventions to Protect Outdoor Workers (I)

Outdoor workers routinely encounter exposure risks that are difficult to control. An occupational medicine physician and a certified athletic trainer will describe features of an industrial athlete program model designed to effectively prevent and manage injuries, including musculoskeletal disorders, no matter where an employee is located.

Peter Greaney, WorkCare, Inc., Anaheim, CA; Justin Freeman, MS, WorkCare, Inc., Anaheim, CA

6034 Improving OSH Performance Through Business Integration (B)

Review case examples that demonstrate how integration of an OSH management system into the overall business process in areas like talent acquisition, business continuity, supply chain and research and development can improve operational control, management of change and overall OSH performance.

Barbara Ruble, Specialty Technical Consultants, Inc., Baltimore, MD

6035 Mental Health & Suicide Awareness and Prevention (I)

Suicide is a serious and growing problem, especially in the construction industry. Learn how to spot warning signs and what to do in a crisis. Companies that invest in the mental health of their employees see improvements in morale and productivity and decreases in absenteeism, accidents, downtime, turnover, and theft.

Karen Forner, J.D., Employer Solutions Law, Bellevue, WA; Mike Ellis, Apollo and Apollo Mechanical Contractors, Kennewick, WA

6036 OSH Journey From Compliance to Total Worker Health™: How Do I Evolve My Role? (I)

OSH has evolved from enforcing compliance to using industry best practices, assessing risk, advocating for safety and health management systems, and understanding human and organizational performance. Explore NIOSH's Total Worker Health™ approach; deepen your understanding of its place in the continuum of OSH strategies; and learn how it helps organizations thrive.

Deborah Roy, MPH, CSP, SafeTech Consultants, Inc., Falmouth, ME

6037 Enhance Hazard Recognition Through Mindfulness (I)

Explore the impact of situational awareness and hazard recognition with mindfulness interventions, and take away new ideas to enhance leading measures through mindfulness.

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

6038 Key Issue Collaboration Session: Operational Hazards During Construction in the Utilities Industry (B,I,A)

Identify and collaborate on key issues related to the hazards, challenges and best practices to mitigate risk while performing construction operations in the utilities industry.

3 – 4 p.m.

6041 The Challenge of Change: Much Needed Help for Individuals and Organizations (I)

Explore a comprehensive change model that includes planning, engagement, implementation, training and deployment. Gain practical advice on ways to apply this model immediately to current situations so you manage individual teams and lead your organization.

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

6042 How You Can Fill Common Safety Leadership Gaps (A)

Years of experience assessing organizational health and training leaders have revealed common safety leadership gaps. Understand the elements missing in many organizations, discuss their organizational impacts and review proven techniques for eliminating them.

Peter Susca, MS, OpX Safety, Wethersfield, CT

6043 It's a Feature, Not a Glitch: Normalizing Failures for Success (B)

Failures should be viewed as a feature of success, not as a glitch. Learn effective ways to normalize failure as part of the process and take away effective ideas for understanding failure beyond its face value in a positive, realistic way.

Gabe Encarnacion, BBL Safety, Santa Fe Springs, CA; Zach Granzow, CSP, ASP, Mobile Track Solutions, Prairie du Chien, WI

6044 The Humor in Safety Returns! From Blah, Blah, Blah to Ha, Ha, Ha! (I)

After a five-year hiatus, this popular session is back with new ideas, new analogies and new technologies to help you increase employee engagement and retention among your employees. Are you ready to have fun?

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

6045 Flat Roof vs Sloped Roof Fall Protection (E)

Learn best practices for how to configure fall protection on residential sloped roofs so that workers are protected against falls, while also maintaining or increasing productivity and profit.

Fleint Ballantyne, Ballantyne Gear, Inc., McKinney, TX; Steven Ballantyne, Ballantyne Gear, Inc., McKinney, TX

6046 Wearable Sensing Devices for Occupational Safety and Health Management (I)

The rates of fatalities in construction and other high-risk industries remain high, demanding more proactive incident prediction/prevention strategies. Learn how the use of wearable sensing devices can improve occupational safety and health management in high-risk industrial sectors.

Antonio Arzate, IBTX, Bulverde, TX; Ibukun Awolusi, Ph.D., The University of Texas at San Antonio, San Antonio, TX

6047 Rethinking the Ergonomics Rules: Are Bending and Twisting Really That Dangerous? (I)

In uncontrolled work environments, rules such as "bend your knees, not your back" and "don't bend and twist" only take a worker so far when it comes to back safety. That's why it's time to focus on lifting options for heavy and awkward tasks that will make a worker more resilient.

Lori Frederic, Balance Biomechanics, Fort Myers, FL

6048 Beyond Compliance: Evidence-Based Strategies for Leading a Decentralized Safety Culture (E)

Build your understanding about the benefits of and strategies for creating a decentralized safety culture, in which safety is "owned" by everyone. Take away actionable steps and ideas developed during decades of experience creating shared leadership cultures in diverse work settings, including chemical plants, manufacturing facilities, pharmaceutical laboratories, Navy SEALs teams and oilfield crews.

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

6049 Respiratory Protection for Industrial Applications: Compliance Best Practices (I)

Learn about current OSHA regulations for breathing air and how to make your facility compliant. Discuss best practices for supplied air respiratory systems and identify steps you can take to keep workers safe. Take away practical guidance on how use protection factors to select the right products for your application.

Tom Ludwig, Bullard, Lexington, KY

6050 These Are the Droids You're Looking For: Technology and Safety in Upstream Oil and Gas (I)

Technology is impacting all businesses today. The oil and gas industry is a recent benefactor of the evolution of this technology. Safety must embrace the safety impacts of these technologies and recognize their potential benefits.

Mark Hansen, P.E., CSP, CPE, Los Alamos National Laboratory, Los Alamos, NM; Alex Flores, CSP, Environmental Resource Management, Plano, TX

6051 Hierarchy of Controls: Are You Getting the Most Out of Your Risk Assessment Toolbox? (B)

The hierarchy of controls and risk assessments are well-known tools, yet they are often underused and improperly executed. Learn ways you can leverage both tools through an example of using them to revamp a workplace safety sign-off system that produced positive change in safety and employee education, and improving the ability to influence management.

Savannah Runstrom, MS, CSP, Hutchinson Technology Inc. - A TDK company, Chippewa Falls, WI

6052 Reliability for Humans: How to Build Safer, More Efficient and Productive Workplaces Through the Concepts of Reliability Engineering (I)

How do concepts of reliability engineering relate to people? The job of reliability engineers is to optimize performance and maximize return on investment because investing in machinery is expensive. But investing in people is more expensive. Explores how you can apply the concepts of reliability engineering to leverage proactive measures that protect workers and reduce costs.

Matthew Hart, M.Eng., MBA, Soter Analytics, London, London, United Kingdom

6053 Advanced Technology, Automation and Analytics Play a Vital Role in EHS (I)

Learn how advanced A.I. technologies are providing powerful solutions to processing large volumes of data to support informed company and site-level decision-making. Explore what is possible now and discuss how safety can unlock the potential for advance technology in the future.

Ronald "Chet" Brandon, MS, CSP, CHMM, Graftech International, Inc., Brooklyn Heights, OH; Natasha Porter, MS, Benchmark Digital Partners LLC., Mason, OH

6054 OSHA Interesting Field Cases: Session 3 (I)

This panel showcases two enforcement cases: one involving a fatality and two severe injuries resulting from the collapse of 70-foot roof trusses during construction of a retail establishment; and one in response to a media referral regarding a severe injury at a briquette, hardwood lump, and fire starter manufacturer. OSHA discusses the inspection process and outcomes, including citations and abatement.

Idalie Aponte, US Department of Labor (OSHA), Jacksonville, FL; Tyler Laughlin, US Department of Labor (OSHA), Kansas City, MO

6055 Key Essentials of a Value-Added Contractor Safety Program (I)

Examine the safety requirements applicable to contractors who perform services as well as visitors invited to company property. Gain insight on pivotal program components and methods that will help you develop, maintain and sustain a robust contractor safety program.

Christopher Hicks, MS, EHS Consulting, Wildwood, MO

6056 A Global Mindset: The Latest in Psychological Safety and Health From Around the World (E)

With the release of the WHO's guidelines on mental health at work, as well as the publication of ISO 45003, discussions of mental health at work are becoming common place. Build your understanding of this growing global focus on psychological safety at work.

Alllessandria Polizzi, Ph.D., SHRM-SCP, SPHR, Verdant Consulting, Sharon, MA

#### 6057 Deliver Inclusive Safety Training to Reach Diverse Learners (B)

Is your safety training inclusive? Does it account for learners with disabilities, low-literacy workers or and non-native English speakers? How do we keep these workers safe through our training programs? Take away practical guidance and techniques you can use to address these barriers so no learner is left behind.

Ron Klapperich, CSP, CHST, CET, Klapperich International Training Associates (KITA) LLC, Kapolei, HI; Gwen Navarrete Klapperich, M.Ed., Klapperich International Training Associates (KITA) LLC, Kapolei, HI

4:15 – 5:15 p.m.

#### 6058 Key Issue Collaboration Session: Best Practices for New-Hire Orientation and Onboarding (B,I,A)

Many organizations are experiencing labor shortages and large turnover rates, leading to more new hires joining the workforce. Discuss success stories and lessons learned for onboarding new hires to ensure they work safely and become integrated into the organization's safety culture.

Lexi White, MS, CSP, Continental Mills, Hopkinsville, KY; Jonathan Zimmerman, CSP, CHMM, PepsiCo, New Richmond, OH

#### 6061 A Goal of Zero: Is It Achievable? (A)

A common refrain from companies in their communications, and on their banners, posters and T-shirts is: "Our Goal Is Zero Injuries." But is it a realistic goal? Discuss the potential pitfalls of setting, broadcasting and trying to sustain such a goal.

Peter Vanderlyke, Ph.D., CSP, Peco Foods, Tuscaloosa, AL

#### 6062 Say What?! How to Communicate Anything to Anyone (B)

Communication is key. But what happens when the people speak different languages? Learn more about communication styles, conscious communication, thinking on your feet, direct and inferred communications, and how to achieve your communications goal with different personality types.

Kathy Gruver, Ph.D., TCASE, Santa Barbara, CA

#### 6063 Believe in Safety: A Survivor's Story (A)

Walk with Brandon Schroeder through the day he nearly died and learn why he believes the event happened. Take away key insights from his story about his safety mindset and how the incident affected his life and outlook on safety.

Brandon Schroeder, Believe In Safety, Marion, IA

#### 6064 People: The Missing Link in Sustainability; Environmental, Social and Governance (ESG) (A)

In our VUCA world, filled with volatility, uncertainty, complexity and ambiguity, focus on the value of people and their safety, health and well-being is evident. Gain new insight to help you connect the dots to level up your current culture that supports safety and health by leveraging and operationalizing the connection between safety and health, sustainability, and environmental, social and governance (ESG) with your senior management.

Kathy Seabrook, CSP, Global Solutions, Inc. / Capitals Coalition, Mendham, NJ; Dave Crowley, CSP, CHMM, STS, HP Hood LLC, Canton, MA

#### 6065 ABCs of Safety Best Practices (I)

Sharing is caring, especially when it comes to safety best practices. These ABCs of safety best practices are based on the skill, knowledge and lessons learned from 47 combined years of safety experience. If your safety toolbox needs inspiration, our alphabet is exactly what you need.

Steven Jablon, CSP, ICU Medical Inc., Liberty Hill, TX; Brandon Wiseman, Swire Coca-Cola, Mesa, AZ

#### 6066 Can You Get Construction Workers to Report Good Catches? Yes You Can! (B)

Think construction workers won't report good catches and near misses? Think again! It's all in how you incentivize and remove barriers to their participation. Review the elements of a good near miss/good catch program and take away new ideas about how to meaningfully engage your most valuable resource, people.

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

#### 6067 Employee, Earthquakes, Epidemics and Other Things That Cause Hazardous Materials Spills (I)

Spill response plans that focus only on factors within the facility's control can leave everyone scrambling to deal with the aftermath of spills caused by natural, human-made and other disasters. By taking an all-hazards approach, you can identify other spill risks and facilitate more comprehensive response planning.

Karen Hamel, CSP, CIT, HalenHardy, Altoona, PA

#### 6068 Diversity, Equity, and Inclusion (DEI) and Musculoskeletal Disorder (MSD) Solutions (B)

Deepen your understanding of the value of incorporating diversity, equity and inclusion (DEI) into musculoskeletal disorder (MSD) solutions. Discuss the disproportionate impact of MSDs on workers of differing demographic groups. Take away practical guidance on several actionable steps you can incorporate into workplaces to ensure equitable solutions for preventing MSDs.

Corinne Towler, National Safety Council, Itasca, IL; Ram Maikala, Ph.D., ASP, National Safety Council, Itasca, IL; Sydney Mosser, MS, National Safety Council, Itasca, IL

6069 Industrial Hygiene: The Mystery Explained! (B)

You've heard the term occupational disease exposures, but how do you know if your facility has them? The answer is industrial hygiene! Break down the mystery surrounding industrial hygiene and develop a deeper understanding of its importance in your overall safety and health program.

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

6070 What's OSHA Got Against Human and Organizational Performance (HOP)? How the Employee Misconduct Defense Impedes HOP Implementation (I)

One common defense against an OSHA citation is unpreventable employee misconduct. To sustain that defense, employers must show they enforce safety rules through discipline. Gain new insight and ideas on how employers can maintain this defense while implementing seemingly countervailing human and organizational performance (HOP) principles.

Trever Neuroth, ASP, Exelon, Herndon, VA

6071 Extreme Makeover: Job Hazard Analysis (JHA) Edition: 5 Critical Steps to Overhauling Your JHA Program (I)

When was the last time you reviewed your job hazard analysis (JHA) program? This case study chronicles the journey one company took to renovate its JHA program and offers a five-step strategy to improve JHA content and implementation. Taking these steps will also help you increase program visibility and collaboration with employees and managers.

Valerie Stakes, CHST, General Atomics Aeronautical, Poway, CA

6072 Risk-Based Process Safety: Basic Concepts for Program Development and Implementation (A)

Discuss the basic concepts of risk-based process safety, including a review of the 20 elements contained in the Center for Chemical Process Safety framework. Develop new understanding and take away practical guidance on the benefits and challenges of developing and implementing these programs, including improved operational efficiencies.

Steve Hawkins, Environmental Resources Management (ERM), Inc., Cincinnati, OH

6073 Far Far Away, But Not Forgotten (I)

People who travel for work are facing an evolving world of safety, health, and travel security risk.

Eldeen Pozniak, CRSP, CMIOSH, Pozniak Safety Associates, Saskatoon, SK, Canada

6074 The Shocking Truth: Reducing Serious Injury and Fatality (SIF) Electrical Events (I)

It's time for change in efforts to reduce the risk of serious injury and fatality (SIF) electrical events. Increase your understanding of how to effectively apply the appropriate principles, procedures and controls to manage this critical risk in your organization.

Jeremy Presnal, CSP, CHST, Shermco Industries, Grapevine, TX; Rene Graves, CSP, Safety Consultant, Celina, TX

6075 Distracted Driving in the U.S. (E)

Distracted driving has become a true dilemma in the U.S. Our presenter shares the personal experience of losing his daughter Megan due to a distracted driver and discusses steps we all can take to stop distracted driving.

Thomas Goeltz, CSP, Brown & Brown, Hudson, WI

6076 Overcoming 3 Key Challenges When Conducting ISO 45001 Internal Audits in a Global Organization (I)

As more organizations seek ISO 45001 certification, a robust internal audit system is required to yield better outcomes and enhance continuous improvement. Discuss three key challenges encountered while conducting internal audits across multiple business markets and review control measures that can help your organization overcome them.

Silvia Kamau, CSP, ASP, International Business Machine, Nairobi, Nairobi, Kenya; Daniel Asaro, CSP, International Business Machine, West Hartford, CT

6077 Sustainable Total Worker Health®: Use a Management System Approach (I)

Do you want to incorporate Total Worker Health® into your company's health and safety strategy? Do you want to go beyond offering isolated health promotion programs and create a program that is sustainable? Gain new insights and take away ideas about how taking a management system approach can work for you and for your employees.

Sharon Kemerer, MS, The Kemerer Group, Park Ridge, IL

6078 Key Issue Collaboration Session: Women and Workplace Violence (B,I,A)

This candid, actionable discussion will focus on the four aspects of workplace violence as it pertains to women. All are invited to learn, share and advance the effort to prevent the workplace from being a target for violence against women.

Kelly Bernish, CSP, St. Petersburg, FL; Karen LaRue, OHST, Procter & Gamble Company, West Chester, OH

## Wednesday, June 7

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7:30 – 8:30 a.m.

### 7001 Becoming a Safety Influencer: How to Market Your Safety Program (B)

Safety management is more than just regulations, policies and standard operating procedures. A well-written program will go nowhere without buy-in from all levels of the organization. Knowing how to sell your program is crucial. Learn how to view your safety program as a product and consider it from a marketing perspective.

Brye Sargent, CSP, ASP, The Safety Geek, Ocala, FL

### 7002 Servant Leadership for the EHS Professional (I)

Servant leadership skills are key to our professional and personal success as we work to protect our teams. Learn key lessons from servant leaders and gather ideas for applying this model to improve your leadership in your workplace and community.

Jonathan Zimmerman, CSP, CHMM, PepsiCo, New Richmond, OH; Aaron Cameron, CSP, Sompo International, Global Risk Solutions (GRS), Charlotte, NC

### 7003 High-Impact Training and Presentation Techniques for Today's EHS Professional (I)

Do you present training programs and presentations? Do you spend a lot of time preparing, yet rarely get the positive and effective results you want? Take away some simple, yet powerful training tips that will help you plan, develop and deliver high-impact training and presentations.

Hector Escarcega, MS, CSP, ARM, BSI Inc. / Bilingual Solutions Int'l, Los Angeles, CA

### 7004 How to Improve Your Bottom Line and Engage Your Employees: Create an Effective Anti-Retaliation Program (I)

OSHA's Whistleblower Protection Program enforces the whistleblower provisions of 25 federal statutes, including Section 11(c) of the OSH Act. These statutes prohibit employers from retaliating against employees for engaging in protected activity such as raising a safety concern, reporting an injury or refusing to violate a federal law. Learn about the fundamental components of a voluntary anti-retaliation program, which includes topics such as how to create an anti-retaliation policy; gain leadership commitment; respond to reports of retaliation; deliver anti-retaliation training; and monitor progress and program improvement. Take away new understanding of how maintaining an effective program improves your organization's bottom line.

Philippe Blancato, US Department of Labor (OSHA), Washington, DC

### 7005 0 to 360: Evaluating Options for Rescue From Heights (I)

If you have employees working at height and using a personal fall arrest system, you are required to develop a site-specific rescue plan to ensure their prompt rescue. But what constitutes a 'prompt rescue'? Could you make the rescue in 360 seconds or less? Take away practical guidance you can use to improve your rescue plan.

Drew Hinton, Ph.D., CSP, CHMM, Arrow Safety, LLC, Glasgow, KY

### 7006 Business Case for Prevention Through Design Interventions (I)

Review a simplified business case that provides a framework and interactive tools designed to help you apply prevention through design principles. Gather insight and information that will help you answer the question: What's in it for the company?

Georgi Popov, Ph.D., CSP, ARM, University of Central Missouri, Warrensburg, MO; Tsvetan Popov, Ph.D., CSP, CIH, University of central Missouri, Warrensburg, MO

### 7007 Anatomy of a Construction Incident Lawsuit: Safety Perspective (A)

As a construction safety professional, you spend much of your time planning and implementing measures designed to protect workers on construction projects. This work can lead to you becoming involved in incident litigation. Deepen your understanding of the risk this litigation can present to you and how to best manage that risk.

Neil Feldscher, J.D., CSP, CIH, New York City Department of Environmental Protection, Bureau of Engineering Design & Construction, Corona, NY

### 7008 Using A.I. Video Processing Software to Solve Ergonomic Issues, Train Workers and Gain Efficiency in Production (I)

Task assessment tools that combine the accuracy of technical measurements with observation are vital solutions in proactive manual handling injury prevention. Through demonstrations, see how video processing technology aids measurement and risk identification and learn how it allows assessors and employees to quickly change actions and make processes more efficient.

Heather Chapman, MS, CSP, CHMM, Soter Analytics, Grand Rapids, MI

### 7009 Bioaerosols: Assessment and Control (I)

This general overview of bioaerosols includes a review of potential health effects and a discussion on hazard and risk assessment.

Other topics include establishing a hypothesis about the potential presence or absence of bioaerosols; purpose and development of a sampling plan; overview and limitations of interpreting environmental sampling data; and effective controls.

Cheryl (Cheri) Marcham, Ph.D., CSP, CIH, Embry-Riddle Aeronautical University, Newcastle, OK

7010 5,000 Athletes, 23 Venues and You're in Charge of Their Safety? (I)

Two volunteer safety commissioners for the largest U.S. Special Olympics ever held share insights and lessons learned about an Olympic challenge from which every professional can learn.

Bob Whitfield, CSP, CHMM, Pursuit of Safety (Consultancy organization), Clermont, FL; Tod McVey, University of North Florida, Jacksonville, FL

7011 Saving Lives From the Start: How One Company Changed Its Approach Toward Serious Injury and Fatality (SIF) Prevention by Transforming Their Permit-to-Work System (A)

Does your site struggle to ensure the right controls are put in place before high-risk or critical risk work begins? Learn how Georgia-Pacific used human and organization performance (HOP) concepts to transform their permit-to-work system.

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

7012 The Power of People: How Front-Line Employees Are Preventing Disasters (I)

The prevention of fatal incidents is the holy grail of safety, and a new system is taking big steps toward that goal. Implemented in a high-risk company, the system empowers front-line employees and supervisors to make meaningful contributions and make a real difference.

Corrie Pitzer, Safemap International Inc., Vancouver, British Columbia, Canada

7013 The New CSA Z1008 Standard: Canada's Response to Workplace Impairment and Lessons to Share (B)

Despite the best efforts of competent safety professionals, lives continued to be lost due to worker impairment. Review the most actionable areas of CSA's Z1008 Management of Impairment in the Workplace standard, take away practical guidance about where to allocate resources and discover the benefits to your organization.

Dan Demers, CannAmm Limited Partnership, Edmonton, Alberta, Canada

7014 EHS to ESG: Starting the Journey (I)

Gain the background and insights you need to guide your own company's journey from EHS to ESG (environmental, social and governance). Learn specific steps you can take to develop your organization's ESG strategy and gain a clear vision for the sustained success of your ESG program.

Greg Duncan, VelocityEHS, Chicago, IL; Marc Juaiere, VelocityEHS, Chicago, IL

7015 Making Sense of Hard Hat Certifications (I)

Review the current ANSI/ISEA standard for head protection and discuss the difference between ANSI/ISEA and EN12492 side impact. Against this backdrop of current standards, discuss key factors to consider when reviewing both U.S. and international standards.

Stacey Simmons, Bullard, Lexington, KY

7016 Women's PPE: Are We Properly Protecting Everyone? (I)

All workers have the right to a safe workplace, including properly fitting PPE. Unfortunately, many options for women's PPE are lacking or not available, or organizations won't purchase the specific gear. Review the obstacles facing women in trades, discuss how to assess your workplace for proper PPE and identify practical steps for developing a successful business case.

Camille Oakes, M.Eng., CSP, CET, Better Safety/Call Camille, Atlanta, GA; Kelly Franko, Seraphina Safety Apparel & Mfg, Cortland, OH; Dave Rosenbluth, Utility Pro Wear, New York, NY

7017 Psychological Safety Is NOT Psychological Health and Safety (I)

Psychological safety, the leadership principle made popular by Amy Edmondson, has propelled many organizations and professionals to consider how to create a more psychologically healthy and safety workplace. Gain fresh insight and perspectives to help you understand the differences and similarities between the two concepts and learn about an approach you can use to implement both.

Kahlilah Guyah, CSP, CHMM, EHS Compliance Services Inc., Austin, TX

7018 Key Issue Collaboration Session: Safety Engineering and Renewable Energy (B,I,A)

Join the conversation to discuss the issues and opportunities facing safety in regard to renewable energy, and identify industry best practices that can help you address these issues.

Lawrence Schulze, Ph.D., P.E., CPE, University of Houston, Webster, TX; Matthew Herron, MS, P.E., CSP, Southwest Research Institute, San Antonio, TX

8:45 – 9:45 a.m.

7021 7 Characteristics of Highly Effective Safety Professionals (I)

What does it take to be great at what you do? As we emerge from the COVID-19 pandemic, the OSH profession faces complex new challenges. Elevate your approach by learning traits of highly effective safety professionals and identifying the steps you should take to apply them to your safety program.

Roger Audino, Origami Risk LLC, Greenwood Village, CO; Terry Evans, CSP, ARM, Boise Cascade, Boise, ID



7022 Get Your Free OSH Credit Score: 6 Elements of Professional Credibility (I)

Professional credibility is a critical factor to our efforts to protect people, property and the environment. Explore how consumer credit scoring models measure trustworthiness and discuss how you can use a similar model to measure the six elements of your credibility as an OSH professional.

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

7023 Do You Speak Safety? (A)

Are you seeing poor results even with an updated safety program? Is the issue how you communicate and talk about safety? Explore facts about language and our brains, and gather new ideas on different ways to effect change and mentor your workers to frame safety in a positive light.

Mary Sullivan, MS, CSP, SMS, Penhall Company, Kapolei, HI

7024 Is Your Safety Culture Survey Lying to You? (A)

Safety surveys are pervasive in our industry, but they are not always designed correctly and sometimes don't tell us what we really need to know. Getting a pulse on your organization includes being brave enough to accept honest feedback. Learn the importance of including cultural assessments through semi-structured interviews with employees.

Daniel Snyder, Ed.D., CSP, CET, SafetyMentor.com, Protem, MO; Regina McMichael, CSP, CET, The Learning Factory, Zephyrhills, FL

7025 An Injury Management and Return-to-Work Process Improvement Initiative Yields Consistent Practice With Measurable Results: A Case Study From Retail Distribution (I)

Aon and W.W.Grainger share their process improvement journey in creating an injury management/return-to-work toolkit and physical demands job descriptions for a distribution center. The redesign created a consistent management framework in response to the initial reported event, and led to a return-to-work and communication cycle that is actionable and ADA compliant.

Christina Bergman, Aon, Minneapolis, MN

7026 Mentor/Mentee: Raising the Next Generation of Safety Professionals (I)

Mentorship is a two-way street. Learn about our three-year journey to transfer knowledge, leadership skills and expertise in the field of industrial safety. Take away practical steps you can implement to build a strong team despite age differences.

Terry Keenan, CHST, Duinick Inc., Prinsburg, MN; Tyler Myrom, MS, GSP, Duinick Inc., Prinsburg, MN

7027 4 Types of Evidence to Collect for Better Incident Investigations (A)

Having repeat incidents? Maybe you're not getting to the right root causes because you're not collecting enough evidence. Investigation results are only as reliable as the evidence collected. Solid evidence collection also minimizes investigator bias. Review the four types of evidence to collect and receive an evidence collection checklist that will help you improve investigations.

Barbara Carr, System Improvements, Inc., Knoxville, TN

7028 How ISO 31030 Can Help You Formulate More Robust Travel Processes (A)

Many businesses and organizations are allowing employees to return to travel. Has your duty of care changed to reflect the changing travel landscape created by the COVID-10 pandemic and the ever-increasing threats of geopolitical issues and weather-driven instability?

Frank Harrison, MA, World Travel Protection, a Zurich Company, Toronto, Ontario, Canada

7029 ASTM F3537-21: Standard Guide for Respirator Fit Testing Methods (I)

Discuss requirements of the respiratory protection program administrator and review procedures for conducting respirator fit testing. Other topics include qualifications for fit test operators, specific fit test methods, interpretation of results, recordkeeping and methods to validate new fit test methods.

Dennis Terpin, Ph.D., The International Safety and Health Specialists, LLC, Lahaina, HI

7030 Electrical Safety for the Safety Professional (I)

If you have little to no experience in the electrical field, build the knowledge you need to navigate conversations with field workers who are exposed to electrical hazards and identify hidden hazards.

Gregory Taylor, CSP, The Wonderful Company, Bakersfield, CA

7031 Assessment Methods for Advanced Trades Work Systems (B)

Discuss opportunities for human-centric advanced work systems that can: 1) objectively evaluate construction workers' ergonomic risk levels and productivity; 2) effectively identify safe and productive working postures and techniques to support training systems; and 3) evaluate the impact of new, automated work systems on health and productivity.

JuHyeong Ryu, Ph.D., West Virginia University, Morgantown, WV

7032 What Is Different About Serious Injuries and Fatalities (SIFs)? (I)

Are the causes of high- and low-severity injuries different? If so, what are the causes for high-severity injuries and what can we do about them? Discuss the results of an empirically validated experiment that tested these questions while producing a standardizable definition of serious injuries.

Sid Bhandari, Ph.D., Construction Safety Research Alliance, University of Colorado Boulder, Boulder, CO

#### 7033 Revolutionizing Worker Safety Through Internet-Connected Solutions (I)

From remote field workers to urban delivery drivers, technology can provide the connectivity and response network to keep at-risk workforce safer. Scalable, worker-centric internet-connected solutions integrate apps, devices, systems and processes that put people in the middle and ensure they're seamlessly connected at all times, anywhere in the world.

Eric Fishman, Aware360, Calgary, Alberta, Canada

#### 7034 Reducing Fatigue Risk While Increasing Productivity During Historical Labor Shortages and High Production Demands (B)

Fatigue, illness and emotional distress are invisible safety risks that must be managed in the workplace, yet they are difficult to detect. Learn how one company used technology to gain visibility on alertness issues so it could support its workforce, improve safety and reduce incidents.

Marcus Wichmann, MA, Predictive Safety, SRP, Denver, CO; Tanner Hickman, MA, Triple S Steel Holdings, Houston, TX; Jeff Sease, Predictive Safety, Denver, CO

#### 7035 ANSI/ASSP Standards: Impact on OSH Professionals and Why You Need to Care (I)

Get an inside look at ANSI/ASSP standards, and discuss how they are used, the context in which they are used and the implication for you as an OSH professional. Gain new understanding about why you need to care about these standards and develop a deeper understanding of how they impact what you do each day.

Tim Fisher, CSP, CHMM, ARM, American Society of Safety Professionals, Standards Development and Technical Services, Park Ridge, IL; Leo DeBobes, CSP, Standards Development Committee, [SDC], West Sayville, NY; Danyle Hepler, CSP, ASSP Standards Development Committee, [SDC], Canel Fulton, OH

#### 7036 How Perdue Farms Inc. Leveraged Cell Phone Gamification to Create Engagement While Reducing Distracted Driving (I)

Learn how your organization can implement and leverage gamification technology to reduce distracted driving while building a culture of continuous driver improvement. Explore how the technology works, discuss how to gain buy-in and review effective ways to validate return on investment while achieving driver ownership in self-improvement.

Frank Cruice, CSP, CRSP, Perdue Farms Inc, Salisbury, MD; Tommy Pollard, CDS, Perdue Farms Inc, Greenville, SC; Matt Riley, TRUCE, Baton Rouge, LA

#### 7037 The Pyramid Scheme for Industrial Athletes: A Job Conditioning Program Delivering Tangible Results (I)

Athletes are not born, they're made. The same is true for industrial athletes. Learn how incorporating a strength and conditioning program during training of new-hire tradespeople has direct implications on employees' work resiliency and injury prevention.

Nic Patee, PT, Work Right NW, Woodland, WA; Salvador Saldana, MS, Work Right NW, Woodland, WA

#### 7038 Key Issue Collaboration Session: Making the Transition From Individual Contributor to Manager (B,I,A)

You've been promoted to manager after years of supporting your organization as an individual contributor. Congratulations! Then it hits you: "Now what?" Join the conversation to find answers to this question and more to help you navigate through the transition.

10:30 – 11:30 a.m.

#### 7041 An OSHA Update (B,I,A)

#### 7042 Creating Community in Safety (I)

Human connection is more elusive than ever, causing disconnect in the workplace and creating challenges in safety communication. Safety professionals are divided, making it challenging to achieve positive outcomes in our workplaces and the profession. Get the tools and practical guidance you need to build community for safer workplaces and a connected profession.

Jason Lucas, CHST, SMS, Safety Justice League, Texas City, TX; Jason Maldonado, CSP, Safety Justice League, Hermiston, OR; Allison Short, CSP, Auburn University, Pine Mountain, GA

#### 7043 How to Develop a Comprehensive Fall Protection Program (B)

Build your knowledge of the key components you need to develop and implement a comprehensive managed fall protection program to better protect workers against fall hazards. Review recommendations from ANSI/ASSP Z359.2 and other template documents from the U.S. Navy.

Jake Williams, P.E., CSP, LJB, Miamisburg, OH

#### 7044 30 Common OSHA (General Industry) Citations You Can Easily Avoid (I)

With thousands of OSHA standards on the books, OSHA rules are too numerous to memorize, not to mention often difficult to decipher, and it's not enough to understand only the high-profile standards. Review 30 common OSHA citations and take away practice guidance you can use to improve job site safety and avoid citations.

Paul Andersen, OSHA Compliance Services, Valley Springs, CA

#### 7045 Kaizen Blitz: Effective Interventions for Safety in High-Risk Environments (I)

When you use the Kaizen Blitz methodology to engage employees and eliminate hazards, you demonstrate that senior leadership is involved, engaged and using influential safety leadership tools to drive continuous improvement for safety.

Autumn Crum, CSP, Xylem, Morgantown, WV; Jay Harf, Ph.D., CSP, Xylem, Rye Brooke, NY

7046 Differential Pressure (Delta P) Hazards at Dams and Industrial Facilities (I)

Discuss findings from six OSHA cases involving diver fatalities caused by the hazards of differential pressure (or Delta P). The fatalities occurred at power generation facilities including dams or power plants where diving was necessary to perform maintenance, inspection or repairs. Learn how you and your diving contractors can eliminate these horrific fatalities using well-established preventive measures, industry best practices and new technology.

Eric Kampert, US Department of Labor (OSHA), Washington, DC

7047 Environmental Wellness: A Tai Chi Chuan Approach to Mindfulness (B)

Learn about the many benefits of incorporating Tai Chi Chuan and Qigong practices to enhance employee health and well-being programs.

Herbert Bell, MS, CSP, CHMM, Invictus Environmental Safety Solutions, Inc., Newark, DE

1:15 – 2:15 p.m.

7061 Case Study: Generational Challenges With Deploying Enterprise EHS Management Software (I)

Discuss the common challenges of change management that professionals could face when implementing enterprise EHS software solutions across manufacturing facilities with multigenerational points of contact. Identify potential roadblocks to a successful implementation and discuss effective ways to overcome them.

Patricia Reed, Ph.D., CSP, Honeywell, Houston, TX; James Rowlett, Ph.D., CSP, CHMM, Accenture, Pittsburgh, PA

7062 Learning Teams and Root-Cause Analysis: Better Together (I)

Learning teams or root-cause analysis? The answer is both! But how do they fit together? Discuss the key elements of each and learn how both learning teams and root-cause analysis provide a complete, structured problem-solving capability.

Brian Hughes, Sologic, LLC, Midland, MI; Ian Small, CSP, CHST, Mortenson Construction, Golden Valley, MN

7063 Objective Assessment to Enhance Driving Performance (A)

Learn about various aspects of the driving safety initiative at Kuwait Oil Co. and its focus on implementing road safety programs. Implemented as part of the organization's "We Care" commitment, these programs reduced lagging indicators leading to better safety performance.

Bala Siva Srikanth Adivi, CSP, Kuwait Oil Company, Ahmadi, Ahmadi, Kuwait; Sami Al-Enezi, Kuwait Oil Company, Ahmadi, Ahmadi, Kuwait; Sami Al-Kandari, Kuwait Oil Company, Ahmadi, Ahmadi, Kuwait

7064 Safety Through the Queer Guys' Eyes: LGBTQ+ and the OSH Profession (I)

We started the conversation at Safety 2022 in Chicago and we're back! Let's continue our dialogue on inclusive language and challenges from an OSH perspective. Come ask those burning questions you've always been too afraid to ask in a safe space.

Bill Geddings, CHST, SMS, Zoox, San Francisco, CA; Bryce Griffler, M.Eng., CSP, Amazon Web Services, Frederick, MD

7065 Global Focus on Environmental, Social and Governance (ESG) in the Supply Chain (B)

Collecting and reporting environmental, social and governance (ESG) metrics are quickly becoming standard business practice. For a hiring organization, understanding the components and how each relates to ESG risk, especially in the value chain, is critical to sustainable operations.

Ryan Rodriguez, MPH, CSP, ISN, Dallas, TX

7066 Significant Issue for Construction: Special Training Requirements and Issues Pertaining to Multiple Lift Rigging, Controlled Decking Zones and Connector Procedures (I)

Get explanations and direction via job-site illustrations about the requirements of OSHA Subpart R: Steel Erection 1926.761(c). Topics include special training programs including 1926.761(c)(1), multiple lift rigging procedure; 1926.761(c)(2), connector procedures; and 1926.761(c)(3), controlled decking zone procedures.

Steve Rank, Iron Workers International Union, Washington, DC

7067 Safety and Health Risks of Cannabis in the Workplace: What Happens After Legalization? (A)

Cannabis is currently legal in 39 states. Explore the challenges of managing legal cannabis use by workers and get expert medical advice on steps you can take as a safety leader to protect your workplace.

Leigh Vinocur, Ph.D., MPH, Private Practice, Round Rock, TX; Francene Scott Diehl, Ph.D., MPH, CSP, Lower Colorado River Authority, Round Rock, TX

7068 Serious Injury and Fatality (SIF) Prevention: Leading Indicators, Cumulative Risk and Safety Networks (I)

Based on the Campbell Institute's serious injury and fatality (SIF) prevention initiative, the blueprint presented offers a framework for developing a leading indicator program for SIF prevention. In addition, you will gain insight on the connection between social networks and cumulative risk assessments to enhance these efforts.

Katherine Mendoza, MA, ASP, National Safety Council, Itasca, IL

#### 7069 The Evidence Is Building: 10 Verifiable Facts About Serious Injury and Fatality (SIF) Prevention (A)

Many organizations have addressed serious injury and fatality (SIF) prevention with best intentions, yet they have not realized desired outcomes. A handful of companies have succeeded in establishing high-performing SIF prevention processes. Learn from the collective experiences of 200+ SIF prevention implementations that have identified 10 verifiable facts essential for sustained SIF mitigation.

Donald Martin, MPH, CSP, dss+, Fernandina Beach, FL

#### 7070 Applied Electrical Safety for High-Voltage Lithium-Ion Batteries and Systems (A)

Learn about current standards, research and best management practices related to managing shock, arc flash and fire hazards in lithium-ion (Li-Ion) battery research and development labs, electronic vehicle companies and other facilities that use high-voltage Li-Ion batteries.

David Paoletta, MS, MBA, CSP, BSI Group, Alameda, CA

#### 7071 Safety Interventions That Get Results: How to Effectively Share Safety With Others in the Workplace (E)

Discover why people don't intervene when they see an unsafe behavior or condition. Learn communication skills that will overcome people's reluctance to speak up. Discover five reasons employees would want to watch out for the safety of others. Learn two techniques employees can use to share safety concerns with others.

John Drebing, John Drebing Presentations, Galt, CA

#### 7072 Establishing a Safe Driving Workforce (I)

As companies look for strategies to combat nuclear verdicts and the auto crashes that can give rise to them, it can help to focus on one initiative that may significantly reduce both the liability and the workers' compensation exposures of a transportation or service delivery company; safe driving.

Charlie Halfen, Treaty Oak General Agency, Austin, TX

#### 7073 Despite All the Safety Initiatives and Hierarchy of Controls, Why Do Musculoskeletal Disorders (MSDs) Still Occur? What's Missing? (A)

Organizations use the hierarchy of controls, ergonomic interventions, stretch and flex programs to prevent musculoskeletal disorders (MSDs). But they are still occurring. What's missing? Using human and organizational performance (HOP) in a practical manner can influence and improve Total Worker Health®. Gain new ideas that can help you navigate between TWH, occupational medicine and employee assistance programs to reduce MSDs and identify practical solutions applicable to enterprises of all sizes.

Rick Noelte, MS, ASP, The Industrial Athlete, Inc., Grayslake, IL; Jessica Van Wie, MBA, The Industrial Athlete, Inc., Richmondville, NY; Phillip Zinni, MS, The Industrial Athlete, Inc., Sparks, NV

#### 7074 Putting FIRE Back Into Your Safety and Health Management System (I)

Deviations and environment changes driven by fire hazards can lead to failures with significant consequences. Success requires building capability, competency, and capacity into a SHMS. This session will dive deep into the inclusion of fire prevention and protection as a part of a robust safety and health management system.

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

#### 7075 The Missing Link in Human and Organizational Performance (HOP): Mitigating Organizational Weaknesses That Set People Up to Fail (I)

Real improvement in safety cannot happen until organizational weaknesses in the form of "normalized drift" are found and fixed. High-reliability organizations embrace drift; where systemic breakdowns and error traps are identified early so improvement strategies are applied proactively. When you strengthen systemic weakness, you empower people and set them up for success.

Tom Harvey, CSP, Allied Safety Associates, Georgetown, CO; Elisa Kletter, Allied Safety Associates, Georgetown, CO

#### 7076 Put Your Own Oxygen Mask on First: Psychological Safety and Well-Being Practices for Safety Professionals (I)

Explore research-based interventions from the field of positive psychology (the science of human thriving) to 'put your own oxygen mask on first' to protect your psychological safety and well-being. Additionally, learn how organizations use positive psychology to align with ISO 45003 and go beyond mitigating psychosocial risks to create flourishing.

Patricia Omoqui, MA, Patricia Omoqui Enterprises, King of Prussia, PA; Carrie Patterson, Patricia Omoqui Enterprises, Glastonbury, CT