



## EHS Daily Advisor Safety Summit 2018

Mitigate Risk, Manage Compliance, Master Engagement

April 16-18, 2018 | Orlando, FL

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### Monday, April 16, 2018 | Preconference Workshops

Choose one, or both of the following:

8:30 a.m. – 11:30 a.m.

- **Recordkeeping: Navigating OSHA's Requirements**  
*Presented by: Michael Rubin, Esq., CSP, Goldberg Segalla LLP*

A safety program is complex, and effective recordkeeping provides a concrete basis for successful management. OSHA requires that companies track and report incidents, and keep records of training. In this preconference session, attendees will discuss each part of the recordkeeping standard, and discuss how to integrate it into an effective safety program.

Attendees will learn:

- The purpose and requirements of OSHA's recordkeeping standards, including new electronic recordkeeping obligations
- How needs to comply, and what types of incidents they need to report
- What forms are required and best practices for completing them
- Who within an organization is responsible for filling out the forms
- Best practices to meet and exceed compliance obligations
- Healthcare-Specific Safety Updates and Protocols

1:30 p.m. – 4:30 p.m.

- **Risk Assessments: Identifying and Mitigating Workplace Hazards**  
*Presented by: Fran Sehn, Willis Towers Watson*

The ultimate goal of safety management systems and programs is to minimize risk and the associated costs of accidents and injuries. To reach this goal, risks in an organization must be identified and evaluated to understand their probability for occurring, the resulting effects and what controls are needed.

This risk assessment workshop will be to assist attendees in determining if their current efforts for hazard identification, evaluation and control process are effective. The risk assessment process may vary greatly across an organization, ranging from simple qualitative assessments to complex quantitative analysis with extensive documentation. Each location must determine what measures should be taken to comply with best practices to reduce risk and mitigate the cause of incidents. The risk assessment process should provide evidence that appropriate decision-making captures a fundamental risk-based approach.

In this workshop, attendees will learn how to:

- Identify common hazards in organizations
- Understand the steps of a risk assessment
- Quantify the nature of both probability & severity variable including the various matrices used for this purpose

- Evaluate control techniques to eliminate or reduce exposure
- Prioritize corrective actions
- Enhance risk awareness on the shop floor through use of a case study

*Or choose our NEW day-long Pre-Conference:*

6.0 credit hours

**High Reliability and Safety in Healthcare Settings**

*Presented by Gary L. Sculli RN, MSN, ATP*

This targeted daylong preconference learning experience will walk employers and safety professionals through the latest strategies to help health care organizations reliably deliver effective interventions and refine organizational culture to support patient safety. The agenda includes:

- Barriers to Achieving High Reliability
  - Sentinel Event Alert #57: Essential Role of Leadership
  - Production Pressures
  - Excessive Autonomy
  - Craftsman
  - Ego Protections
  - Loss of Visibility of Risk
- High Reliability Markers
  - Human factors: System design and situational awareness
  - Situational Awareness Countermeasures
  - Deference to Expertise
  - Leader Behaviors and Team Performance
  - Identifying Potential Failures via Risk Scoring
  - Checklist Design and Use Applied to Patient Safety Problems
  - Training: Constant and Rigorous
- Implementing Standardized Language for Staff in Critical Situations Across the Organization
  - “Stop the Line” but how?
  - Hint and Hope Communication
  - Assertive Communication Algorithm
- Implementing a Just Culture Jump Start Across a Health Care System
  - Challenges
  - Paradigms
    - Human error
    - Behavioral drift
  - Criterion to Determine the Disciplinary Response
  - Behaviors and Response – Error, Risk Taking, Reckless
  - The just culture decision guide – no algorithms please!
  - Case Studies
- Case Study: High Reliability Hospital Project in the VA

**Tuesday, April 17, 2018 | Main Conference Day 1**

**Exhibits Open**

7:00 a.m. – 6:00 p.m.

**Registration and Breakfast**

7:00 a.m. – 8:00 a.m.

**Opening Remarks**

7:55 – 8:00 a.m.

**Keynote: The Future of Workplace Safety**

*Presented by: Tim Page-Bortorff, SafeStart*

8:00 a.m. – 9:00 a.m.

The future of workplace safety will go beyond implementing more rules, procedures and the never-ending parade of compliance standards. OSHA regulations, while important, are not enough to ensure overall safety. The future of safety will put the focus on positive interactions with employees resulting in improved quality, productivity and safety. Real engagement requires a focus on human performance, human error and embracing an integrated safety culture. With over 20 years of human factors and compliance experience, Tim will demonstrate how it's possible.

**General Session: OSHA Enforcement and Trends**

*Presented by: Matthew Humphreville, U.S. Department of Labor- OSHA*

9:10 – 10:10 a.m.

What does OSHA's 2018 enforcement agenda have in store? What is the status of current agency standards? How will National and Regional Emphasis Programs fit into the OSHA enforcement strategy? These questions and more will be answered, and you'll learn:

- The industry sectors and hazards that OSHA inspectors will focus on in 2018
- How OSHA's new online injury reporting rule is affecting employers
- How the recently released OSHA Top 10 list of safety violations can help identify safety policies and practices that could expose your organization to massive liability
- Which final rules are on OSHA's near-term horizon
- The increase in penalties and fines that are resulting from OSHA's mandated inflation adjusted penalty increases

**Networking & Refreshments Break**

10:10 a.m. – 10:30 a.m.

*Concurrent Sessions*

10:30 – 11:30 a.m.

**Risk Management & OSHA Compliance Track**

**New Guidance on Post-Accident Drug-Testing and Safety Incentive Programs: OSHA's 'Reasonable' Reporting and Anti-Retaliation Provisions**

*Presented by: Adele Abrams, Law Office of Adele L. Abrams PC*

Are you confused about what OSHA requires – and prohibits – in post-accident drug testing and safety incentives under its recent recordkeeping rule? OSHA's new regulatory provisions have changed the legal landscape on how employers can discipline or drug test injured workers and now require employers to train workers on their rights and protected activities. Although the rule doesn't ban drug testing or incentive programs, it does require employers to ensure that activities cannot be considered anti-retaliatory. This session will address the new mandates and restrictions and what constitutes protected activity and adverse action, and will outline proactive strategies for managing injury cases within the parameters of the new rules.

**Performance Management & Engagement Track**

**Safety Coaching for Supervisors: Shaping Desired Outcomes in the Workplace**

*Presented by: Charles Douros, ProAct Safety Inc.*

Who are the most important safety influencers in your organization? Sure, the C-Suite is crucial to chart a course and managers are essential to lead the charge, but supervisors are the true influencers. They are the conduit between the company's leaders and its employees. Supervisors are tasked with delivering the day-to-day operational results- sometimes against impossible odds- to keep the pipeline moving. Then why are they so often the most undertrained, underutilized, undervalued people in the organization?

We'll explore proven approaches to advance a supervisor's safety acumen; how to use focus and influence to shape the outcomes most desired in the workplace. Supervisors will always be required to enforce standards and compliance, but in this talk, methodology geared toward coaching for a different kind of performance- one that encourages employees to replace at-risk behavior with safer, discretionary behavior in the workplace – will be the focus.

#### *Concurrent Sessions*

11:40 a.m. – 12:40 p.m.

#### **Risk Management & OSHA Compliance Track**

##### **Critical Insights into New NFPA 70E 2018 Arc Flash PPE Requirements**

*Presented by: Derek Sang, Bulwark FR*

Choosing and purchasing the right PPE for electrical arc flash and shock protection is a challenge. Now the new 2018 version of the NFPA 70E Standard for Electrical Safety in the Workplace has made several changes to PPE to bring consistency to the process for selecting the proper PPT for the job and for testing PPE performance.

This session will go over the changes for PPE, including the selection of clothing and PPE whether the Incident Energy method or the PPE category method was used to perform the arc flash risk assessment. It will also cover what to do if there are no labels or arc flash risk assessment.

#### **Performance Management & Engagement Track**

##### **Where Technology Meets Safety: How Wearables and Other Cutting-Edge Advancements Can Help Promote Safe Work Practices**

*Presented by: Andrew Hosman, Sphera*

Wearables have definitely caught on in the consumer marketplace as a great way to monitor heart rate, steps taken, flights climbed and many other health-related variables. In the workplace, however — outside of wellness-related applications — wearables are just starting to make their presence felt. But there's a quantum change on the horizon. With wearables and the IIoT, companies will be able to tap into new sources of data that will both enhance and lead to innovations in workplace safety. But with this amount of data comes real challenges, such as the potential for data paralysis. This session will talk about how companies can harness wearables and other cutting-edge advancements as part of the EHS 4.0 digital transformation, the challenges they will face, and the benefits that will be realized as the future becomes reality.

#### **Lunch**

12:40 p.m. – 1:40 p.m.

#### *Concurrent Sessions*

1:40 pm. – 2:40 p.m.

#### **Risk Management & OSHA Compliance Track**

##### **Unlock the Mysteries of OSHA's Lockout/Tagout Standard**

*Presented by: Eric Conn, Conn Maciel Carey LLP*

OSHA's Lockout/Tagout (Energy Control) Standard is always one of OSHA's most frequently cited standards, and with the "Amputations National Emphasis Program" continuing through 2018, and LOTO violations continuing to be considered a "high emphasis hazard" that qualify employers into the Severe Violator Enforcement Program, it is critical for employers to get Lockout/Tagout right. While LOTO continues to be an important standard, it also continues to be one of the most misunderstood. This program will highlight the most frequently cited aspects of the LOTO rule, explain some of its most misunderstood provisions, and forecast some potential changes to the rule and OSHA's enforcement of it.

Participants will learn:

- Common mistakes employers make implementing LOTO programs, such as inadequate annual LOTO inspections and Group LOTO

- Nuances of the requirements to develop machine-specific LOTO procedures, and share them with contractors working at your site
- The mystery behind the Minor Servicing Exception
- The controversy around "unexpected energization" in OSHA's LOTO Standard

### Performance Management & Engagement Track

#### Secrets to Engaging Generation Z: What Works and What Doesn't for Getting Post-Millennials to Buy into Your Safety Program

*Presented by: Patricia Reed, CSP, HESS Manager, KIK Custom Products; Francene Scott-Diehl, MPH, CSP, Florida Public Utilities*

Forget millennials (well, not completely), the post-millennials are coming to your workplace! Adding to the generational mashup, Generation Z has traits and preferences that are completely different from Generation X, Baby Boomers, and others they will need to work with for safety success. In this session, you'll learn more about the newest generation entering your workforce and strategies for ensuring their participation in your organization's safety program.

### Refreshments & Networking Break

2:40 p.m. – 2:55 p.m.

### Concurrent Sessions

2:55 p.m. – 3:55 p.m.

### Risk Management & OSHA Compliance Track

#### Fall Protection: Complying with New Requirements for General Industry under OSHA and ANSI Z359

*Presented by: Michael Rubin, Esq., CSP, Goldberg Segalla LLP*

Last year, OSHA's new Walking-Working Surfaces Rule for General Industry went into effect. It updates general industry standards to recognize technology advances and best practices, and adds new equipment requirements. It was written with the intent to standardize fall protection requirements across general industry and construction and to give general industry employers flexibility in choosing protection methods. In many ways, it draws from ANSI Z359, a voluntary consensus equipment standard.

In this session, you'll learn:

- The key differences between existing standards and the new requirements and how to assess your existing program
- How the new standards compare with current national consensus standards, including ANSI Z359
- What enforcement initiatives are likely to result from OSHA's adoption of the new rule
- How to establish a comprehensive training program

### Performance Management & Engagement Track

#### Safety Leadership Strategies to Promote Accountability and Program Success

*Presented by: Charles Douros, ProAct Safety Inc.*

Is accountability a dirty word in your organization? Does it conjure vivid images of managers being led one after the other into the Human Resources office, only to be escorted out the door, box in hand? It doesn't have to be that way. To ensure program success, leaders must first develop, then master accountability measures to drive excellence in safety performance and culture. In this presentation, we will explore the elements necessary to proactively promote accountability in a positive way that doesn't assign blame, finger-pointing and animosity. Instead, this approach ensures that individuals are held accountable for only the vital performance necessary to succeed.

### General Session: Panel Discussion on How Organizational Processes Impact Safety Success

*Presented by: Adele Abrams, Law Office of Adele L. Abrams PC; Regina McMichael, CSP, CET, The Learning Factory; Eric Conn, Conn Maciel Carey LLP*

4:00 p.m. – 5 p.m.

Workplace safety doesn't exist in a vacuum. Your organizational culture, processes, and challenges all impact your safety program and performance. Whether your company is growing, downsizing, transforming itself for a new generation, or simply trying to stay afloat in an increasingly competitive business climate, the question isn't whether safety will be affected—it's how. As a safety professional, your job is to guide your company's safety efforts through a variety of challenges and opportunities, both internal and external to your organization. Key to success is anticipating the potential impact of business strategies, management decisions, industry trends, and more on your safety culture and taking proactive steps to ensure that workers are not put at risk. In this session, we'll hear from an expert panel on how to broaden your understanding of safety and the organizational factors that impact it in order to drive success in your program.

**Opening Networking Reception & EHS Daily Advisor Safety Standout Awards Ceremony**

5 p.m. – 6 p.m.

**Offsite Experience Event: Dinner with the Sharks (Optional)**

7:00 p.m. – 10:00 p.m.

Make it a night to remember and save your spot for this unique dining experience! On Tuesday, April 17th from 7:00 p.m.—10:00 p.m., attendees of the Dinner with the Sharks at Safety Summit will enjoy dinner and drinks at the Sharks Underwater Grill, which offers floor-to-ceiling window views of a one-of-a-kind marine exhibit containing more than 50 sharks, barracudas and other exotic sea creatures! Enjoy world-class cuisine with a view of some of the most majestic creatures from under-the-sea.

Event cost will include a plated dinner and 2 drinks per person in a private and unique dining room. Cost for attendees is \$75 per person. Separate event registration is required.

Registration is limited, so save your spot today!

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## Wednesday, April 18, 2018—Day 2, Main Conference

**Exhibits Open**

7:00 a.m. – 3:00 p.m.

**Breakfast & Exhibits**

7:00 a.m. – 8:00 a.m.

**Breakfast and Learn | Interactive Demo of Safety.BLR.com, Your One-Stop Tool to Ace Compliance**

*Attend to win!*

7:30 a.m. – 7:45 a.m.

Join us from 7:30 to 7:45 a.m. to take a test drive of our award-winning Safety.BLR.com platform. See how you can improve productivity and compliance at your organization with this custom online solution. PLUS, demo attendees will be entered to win one of the hottest new technologies of 2018. Must be present to win!

**Announcements & Raffle Drawing**

7:50 – 8:00 a.m.

**Opening Keynote: Safety, The Only Option**

*Presented by: Rick Searfoss, Astronaut/Space Shuttle Commander*

8 a.m. – 9 a.m.

Through the lens of human space flight and three missions personally flown, astronaut Rick Searfoss will deliver a fascinating look into a benchmark safety-specific program designed for success in high-demand, high-workload, unforgiving and complex systems. Drawing on powerful and positive examples of over 40 years' experience, Searfoss will provide tools for any high-performance organization to operate more safely and effectively. Searfoss will also share the hard lessons learned from America's three human space flight tragedies. Attendees will gain a deeper appreciation for wise risk assessment and effective actions in all operations.

## **General Session- Getting a Seat at the C-Suite: What Every Safety Pro Should Know**

*Presented by: Regina McMichael, CSP, CET, The Learning Factory*

9:10 a.m. – 10:10 a.m.

Do you have the tactics to secure management support for your safety program? It can be a battle to fund your initiatives but the key to success is getting and keeping a seat at the decision-making table. In this session, you'll learn how to achieve that connection with the senior leadership at your organization.

We'll discuss how to identify your organization's formal and informal power structures, the traits you need to adopt to effect change, and how to establish and maintain effective communication with your organization's leaders. We will also discuss your own opportunities for leadership and how to implement strategies that will influence your workforce to work together to achieve safety goals.

## **Networking & Refreshments Break**

10:10 a.m. – 10:30 a.m.

### *Concurrent Sessions*

10:30 a.m. – 11:30 a.m.

#### **Risk Management & OSHA Compliance Track**

##### **Root Cause Analysis: Reduce the Risk of Future Accidents Using OSHA's Incident Investigation Process**

*Presented by: Fran Sehn, Willis Towers Watson*

A robust incident investigation process is critical component of effective safety and health program, providing information to determine the basic cause of an incident and a methodology to prevent a reoccurrence of similar incidents.

In this session, attendees will learn:

- The basic concepts of both root cause analysis and the OSHA incident investigation process to assist organizations in identifying causal factors of incidents
- How these methodologies can be implemented in any organization to impact not only safety and health but also as a problem-solving tool for any incident.
- Applying the tools in a case study to determine basic causes, contributory factors and corrective actions to prevent a recurrence.

#### **Performance Management & Engagement Track**

##### **Leading Safety Indicators: New Strategies for Tracking and Improving Safety Performance**

*Presented by: Barry Spurlock, JD, CSP, Eastern Kentucky University*

Even though the safety profession has been buzzing about "leading indicators" and "leading metrics" for well over a decade, many organizations who've embraced the concept still face challenges with identifying and developing measures that really drive performance. This session focuses participants on strategies for developing holistic, sustainable safety metrics that drive high performance. Participants will learn about the importance of distinguishing ordinary performance indicators from KPIs (and even KRIs), as well as strategies and best practices for critically evaluating and prioritizing potential metrics. The session will also discuss strategies for selling middle and top management on improving existing, leading measures, and even convincing resistant management to shift their focus on true safety performance metrics.

### *Concurrent Sessions*

11:40 a.m. – 12:40 p.m.

#### **Risk Management & OSHA Compliance Track**

##### **What You Need to Know about OSHA's New Silica Rule for General Industry: Best Practices, Training, Recordkeeping, and More**

*Presented by: Adele Abrams, Law Office of Adele L. Abrams PC*

OSHA's construction standards for crystalline silica are already in effect, and the more complex requirements for general industry become enforceable in June 2018. The standard cuts the current PEL in

half, and requires use of engineering and work practice controls, rather than reliance on respiratory protection. This presentation will outline the requirements under the new rule, sampling strategies, the rule of objective data, development of site-specific exposure control plans, medical surveillance, workers training and more. The highlights of OSHA's new enforcement manual for the rule will also be examined as well as approaches for protecting workers in a cost-effective and feasible manner.

#### **Performance Management & Engagement Track**

##### **Safety Culture Kickstarters: Using Social Media and Other Technologies to Get Workers On Board with Safety**

*Presented by: Francene Scott-Diehl, MPH, CSP, Florida Public Utilities*

Your employees are already using social media, so why not use it as a tool to promote your safety program? During this session, you will learn strategies to determine which social media platforms, mobile apps, software and cloud-based technology is appropriate for your workforce. You'll learn ways to begin using the Internet of Things (IoT) to level up social media and tech strategies to improve your safety culture to achieve the ultimate goals of injury prevention and cost control. Bring your mobile device and specific questions to this session!

#### **Lunch**

12:40 p.m. – 1:40 p.m.

#### *Concurrent Sessions*

1:40 p.m. – 2:40 p.m.

#### **Risk Management & OSHA Compliance Track**

##### **HazCom: The Most Common—and Cumbersome—Compliance Questions Answered**

*Presented by: Philip Mole, VelocityEHS*

With GHS adoption complete, HazCom continues to rank as OSHA's 2nd most cited standard. Reasons for noncompliance range from deficiencies with Written Plans, to faulty SDS management processes, to ineffective container labeling. And while EHS professionals/employers are still trying to catch their breath from the initial GHS adoption in 2012, they should brace themselves for the potential for more changes ahead, since OSHA has expressed intent to align with GHS Revision 7. This presentation will take a thorough review of some of the most difficult and common compliance challenges, and leave attendees with useful knowledge they can use to improve HazCom management and prepare for any future changes.

#### **Performance Management & Engagement Track**

##### **Employee Engagement: A Case Study Example of How to Build Trust, Increase Participation, and Measure Progress**

*Presented by: Barry Spurlock, JD, CSP, Eastern Kentucky University*

Senior management and safety leaders frequently say they desire employee engagement in their safety management processes. Many even purposefully communicate this throughout their organizations and provide forums for employees to voice safety concerns and ideas for safety improvement. Too often, however, these announcements and discussion forums are the extent of an organization's efforts to engage its workforce in its safety management processes. Unfortunately, many of these organizations find what employee participation their efforts initially garnered soon wane, and may even fizzle out. This session will identify many of the obstacles that hinder safety leaders from gaining and sustaining employee engagement, and it will present strategies for overcoming those obstacles. Most importantly, it will focus participants on developing an active-safety-engagement process rather the traditional, passive, ad-hoc, discussion-oriented means of engagement.

#### **Networking & Refreshments Break**

2:40 p.m. – 3:00 p.m.

#### *Concurrent Sessions*

3:00 p.m. – 4:00 p.m.

### **Risk Management & OSHA Compliance Track**

#### **Workplace Violence Prevention: Strategies to Address Employee Safety and Reduce Damaging Litigation**

*Presented by: Terri Howard, FEI Behavioral Health*

Workplace violence is any act or threat of physical violence, harassment, intimidation or other threatening disruptive behavior that occurs at the work site. It can range from threats and verbal abuse to physical assaults—and even homicide. According to OSHA, two million acts of violence, six million threats and 16 million incidents of harassment take place annually. It affects and involves employees, clients, customers and visitors.

In this session, participants will explore organizational definitions of workplace violence, common warning signs and behaviors of perpetrators, and the prevalence of workplace violence across the United States. Strategies to prepare, respond and recover to incidents of workplace violence will also be discussed, including workable codes of conduct, building relationships and establishing diversity, inclusion and respect in the workplace. By incorporating prevention strategies into the organization's standard operating procedures, employers can mitigate litigation stemming from workplace violence.

### **Performance Management & Engagement Track**

#### **How to Become a Safety Training Ninja©**

*Presented by: Presented by: Regina McMichael, CSP, CET, The Learning Factory*

Dang, it is hard to be a top-notch safety pro and still find time to deliver great training. Tired of compliance based lectures, and begging people to come and pay attention? Well stop working so hard and work smarter, be a Safety Training Ninja© who uses the tools like a master and slices through training challenges.

By the end of this program, attendees will be able to:

- Explain five ways to make training easier and more exciting
- Develop learning objectives that not only meet your company's safety needs but that you can actually prove you achieved
- Begin making compliance training actually interesting!

#### **Closing Keynote: Disrupting the EHS Landscape**

*Presented by: Dave Johnson, Industrial safety & Hygiene News*

4:05 p.m. – 4:50 p.m.

The US Environmental Health and Safety profession is in for disruption on a scale not seen since the arrival of OSHA, perhaps even greater. Technology will revolutionize workplace health and safety practices and the professional skill sets required. Drones will replace humans in observation and inspection routines, not all, but some. Wearables will generate more data about worker health (exertions, fatigue, posture, heart rate, blood pressure, etc.) than previously easily accessible and create privacy issues. Wearables will also produce exposure analytics that may overload EHS staffs.

The Internet of things, smart factories, wireless connectivity, and cloud-based sensors will routinely audit equipment assets, lockout/tagout (LOTO) procedures, confined space procedures, etc. Mobile devices used by workers will be tools for observations, inspections, hazard, and near-miss reporting. Robotics will replace humans in high-risk jobs.

Professionals will spend less time on the shop floor and more time analyzing risk data and making risk-based decisions. But will all EHS pros be able to take advantage of these tech advances? Will there be a gap between the haves and the have-nots? Will there be the need for as many professionals? (Think driverless trucks). How will the profession's changing demographics, the leadership of Generation Y, and Millennials affect the use of disruptive technology? ISHN reader research takes a look at the early stages of EHS technology disruption and what lies ahead.

#### **Conference adjourns**

4:50 p.m.

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*Agenda and speakers subject to change.*