



# The Future of EHS 2023

## Tuesday, Jan. 31

8 a.m. – 9 a.m.

9 a.m. – 9:30 a.m.

9:30 a.m. – 11 a.m.

11 a.m. – 11:15 a.m.

11:15 a.m. – 12:15 p.m.

12:15 p.m. – 1:45 p.m.

1:45 p.m. – 3:15 p.m.

3:15 – 3:30 p.m.

3:15 – 3:30 p.m.

4:45 p.m. – 5 p.m.

5 p.m. – 6:30 p.m.

**Breakfast and Registration**

**Opening Remarks**

**Managing Data Peaks and Valleys**

**Wellness Break**

**Discussing DE&I Synergies**

**Lunch and [Safety Technology Pavilion](#)**

**Evolving Landscapes with ESG**

**Wellness Break**

**Keynote Presentation**

**Closing Remarks**

**Reception and Safety Technology Pavilion**

## Wednesday, Feb. 1

8 a.m. – 9 a.m.

9 a.m. – 9:15 a.m.

9:15 a.m. – 10:45 a.m.

10:45 a.m. – 11 a.m.

11 a.m. – 12 p.m.

**Breakfast, Registration and Safety Technology Pavilion**

**Opening Remarks**

**Making TRIR Alternatives a Reality**

**Wellness Break**

**Concurrent Sessions – Level 1**

**Safety Technology** – Identifying and Overcoming Barriers

**MSD Prevention Programs** – The Importance of Psychosocial and Organizational Factors

**Contractor Management and SIF** – Managing the Intersection

**The Future of Work** – Defining Your Path Forward

**Lunch and Safety Technology Pavilion**

**Concurrent Sessions (same sessions as before lunch)**

**Safety Technology Pavilion**

**Discussing The Zero Paradox**

**Closing Remarks**

**Reception**

12 p.m. – 1:30 p.m.

1:30 p.m. – 2:30 p.m.

2:30 p.m. – 3:30 p.m.

3:30 p.m. – 4:30 p.m.

4:30 p.m. – 4:45 p.m.

5 p.m. – 6:30 p.m.

## Thursday, Feb. 2

8 a.m. – 9 a.m.

9 a.m. – 9:15 a.m.

9:15 a.m. – 10:45 a.m.

10:45 a.m. – 11 a.m.

11 a.m. – 11:45 a.m.

11:45 a.m. – 1 p.m.

1 p.m. – 2:30 p.m.

2:30 p.m. – 2:45 p.m.

2:45 p.m. – 3:45 p.m.

3:45 p.m. – 4 p.m.

**Breakfast, Registration and Safety Technology Pavilion**

**Opening Remarks**

**Human-Centric Design**

**Wellness Break**

**PechaKucha Presentations**

**Lunch and Safety Technology Pavilion**

**Embracing New Workplaces**

**Wellness Break**

**Closing Keynote Presentation**

**Closing Remarks**

### **Wi-Fi**

Network: [hyatt\\_meeting](#)

Password: [futureofehs](#)



**Dear Safety Leader,**

Welcome to the future! It might sound strange, but make no mistake – at this event we're looking beyond today's safety horizon. The technologies, innovations and ideas you'll hear about over the next three days are not just best practices for today, but the methods and principles to guide the safety profession for years to come.

That's why this year we're thrilled to welcome you to this first-of-its-kind event: The Future of EHS. Combining two previous events – the Campbell Institute Symposium and Work to Zero Summit & Expo – this conference unites the best, most leading-edge content under one banner, all in the interest of serving you along your safety journey.

With expert speakers, an interactive Safety Technology Pavilion and a myriad of opportunities to earn education credits, I encourage you to make the most of all this event has to offer. Attend the sessions, but also engage with new technologies and forge fresh connections with peers. Then use the insights you gain to make your workplaces safer.

Thank you for being here and for your ongoing dedication to safety. I look forward to seeing you all!



**Lorraine M. Martin**  
**President and CEO**  
**National Safety Council**

**Thank you to our Supporting Sponsor**



### Safety Technology Pavilion (Level 4, Regency Ballroom D-F)

Innovation and technology have long been pillars of any good safety and health strategy. In today's environment, the need to keep pace with and pilot new ideas, interventions and solutions is greater than ever. We invite you to engage with a curated group of partners for a personalized visit where you can ask questions and demo technology that could be a good fit for your organization.

### Pavilion Hours

**Tuesday, Jan. 31**

**12:15 p.m. – 1:45 p.m.**

**5 p.m. – 6:30 p.m.**

**Wednesday, Feb. 1**

**8 a.m. – 9 a.m.**

**12 p.m. – 1:30 p.m.**

**2:30 p.m. – 3:30 p.m.**

**Thursday, Feb. 2**

**8 a.m. – 9 a.m.**

**11:45 a.m. – 1 p.m.**

### Selected Partners

#### **Ansell-Inteliforz**

Inteliforz is a SaaS-based solution leveraging real-time worker connectivity and actionable movement data to identify safety risks and help prevent injuries before they happen. Inteliforz enhances worker safety and enables a more engaged workforce under two solutions:

- Motion Series collects, analyzes and delivers actionable hand and wrist data and insights via a wearable pod sensor to identify risky movements that may lead to injuries, specifically musculoskeletal disorders (MSDs).
- Zone Series empowers workers to own their safety in real time. This connected safety platform enables actionable communication, real-time reporting of hazards, and a digitized way to ensure compliance and maintenance checks are up-to-date to prevent injuries before they occur.

#### **Blackline**

Blackline Safety is a global connected safety leader helping to ensure every worker gets their job done and returns home safely each day. Blackline provides wearable safety technology, personal and area gas monitoring, cloud-connected software and data analytics to meet demanding safety challenges and increase productivity of organizations with coverage in more than 100 countries. Blackline Safety wearables provide a lifeline to tens of thousands of men and women, having reported over 150 billion data-points and initiated over five million emergency responses. Armed with cellular and satellite connectivity, Blackline Safety ensures help is never too far away.

### **Elokron**

The ELOKON Group is one of the leading international suppliers of automated safety-assistance and fleet management systems for forklift trucks and other material handling equipment. Its innovative technologies align with the cutting-edge advancements of Industry 4.0. Over 4,250 customers around the world benefit from its solutions to improve workplace safety and increase material handling productivity.

### **ERM**

At ERM, sustainability is its business. As the largest pure-play sustainability consultancy, it employs over 7,000 consultants across 140 countries. The ERM digital team digitizes domain expertise to operationalize sustainability and help its clients meet their ESG commitments. It does this through the design, development and implementation of data-driven solutions and transformations. Its “boots- to-boardroom” approach links technical EHS&S experts with strategy-makers to help ERM clients scale globally and embed resiliency through user adoption.

### **GoX Labs**

GoX Labs has developed the only all-in-one wearable solution effective against the top five workplace injuries, which include repetitive stress injuries, slips and falls, and overexertion – it’s called Boost.

The GoX Labs approach to mitigating injury by risk predictions is based on 12 years of outcome-correlated data analytics, fundamental science and independent validation. The patented smart watch app, Boost, for heat stress prediction was validated in an independent study by Samsung as the most accurate and effective solution of its kind. Its partnership and customer growth in 2022 has been exponential given the novel science, price point, partner benefits and positive customer outcomes.

### **Intelex**

For over 30 years, Intelex has been making a difference in the world by helping its 1,400 customers achieve safer, more sustainable operations. Its web and mobile solutions streamline and simplify environmental, safety, quality and risk management, empowering organizations to meet the challenges of an increasingly complex marketplace while minimizing negative social, environmental and human impacts.

### **MākuSafe**

MākuSafe® is an award-winning wearable safety technology that provides real-time EHS intelligence aimed at preventing prevalent and costly safety incidents and work comp claims. The patented MākuSafe® system combines a robust safety management software platform with innovative armbands which carry a wide array of IoT enabled sensors providing actionable intelligence regarding strain and exertion, MSD prevention, noise exposure, air quality and more. MākuSafe collects nothing personal or biometric, and improves near-miss reporting. MākuSafe is proven to reduce claims frequency by more than 50%, and reduce claims severity by as much as 90%.

### **Modjoul**

The Modjoul platform is an ecosystem of cutting-edge technologies and data intelligence to make a workplace safer and more efficient. This leads to happy employees and stronger companies. At its core, the Modjoul team solves problems and is driven to find better ways to prevent injuries in the workplace. Modjoul's focus began with the lower lumbar region due to a majority of workplace injuries being related to the back. Its platform has expanded to include additional metrics such as forklift driving, asset management and environmental conditions.

### **Rombit**

The Rombit mission is to reduce your operational expenses by providing safety, security and sustainability solutions for your workforce and mobile equipment. Based on its technical expertise and vast industry know-how, it offers integrated IoT products that solve real-life problems. Together with its partners, Rombit helps you to excel in safety and efficiency by offering the most optimal solution to your specific needs.

### **VelocityEHS**

Relied on by more than 10 million users worldwide to drive operational excellence and achieve outstanding outcomes, VelocityEHS is the global leader in true SaaS enterprise EHS & ESG technology. The VelocityEHS Accelerate® Platform is the definitive gold-standard, delivering best-in-class solutions for managing your EHS & ESG processes. The VelocityEHS team includes unparalleled industry expertise, with more certified experts in health, safety, industrial hygiene, ergonomics, sustainability, the environment, AI and machine learning than any EHS software provider. Recognized by the EHS industry's top independent analysts as a Leader in the Verdantix 2021 Green Quadrant Analysis—VelocityEHS is committed to industry thought leadership and to accelerating the pace of innovation through its software solutions and vision.

## Tuesday, Jan. 31

8 a.m. – 9 a.m.

### Breakfast and Registration

(Level 4, Beacon Ballroom and Foyer)

9 a.m. – 9:30 a.m.

### Opening Remarks

(Level 4, Regency Ballroom A-C)

**Paul Vincent**, *Executive Vice President Workplace*

*Practice – National Safety Council*

**Kent McElhattan**, *Chairman – McElhattan Foundation*

**Tony Militello**, *Lead Consultant, EHS – Shirley Parsons*

9:30 a.m. – 11 a.m.

### Managing Data Peaks and Valleys

The topic of environment, health and safety (EHS) data, metrics and analytics is nearly as old as the profession itself. In recent years, the rate of change is greater than in the past, and COVID-19 created unexplained performance “blips.” Alongside this, new capabilities in technology, new insights on serious injury and fatality (SIF) prevention and new directions in human organizational performance (HOP) have emerged, changing the foundation of EHS. What types of data should we examine, what metrics are the right ones and how can we chart the best course when data lakes are becoming oceanic?

**Laurie Shelby**, *Vice President, EHS&S – Tesla*

**Sahika Korkmaz**, *Senior Manager, EHS&S – Tesla*

**Joseph Stough**, *Founder/Owner – SIFZero, CEO – FlyGuys*

**Perry Logan**, *Vice President, Corporate Safety & Health – 3M*

11 a.m. – 11:15 a.m.

### Wellness Break

11:15 a.m. – 12:15 p.m.

### Discussing DE&I Synergies

EHS professionals often have a mission to make the world a safer place. Physical safety is always top of mind, but risks are not always physical in nature. Join this discussion to hear how diversity, equity and inclusion play a larger role in EHS; it isn't merely bridging the gap in demographic figures but ensuring employers afford minority workers equal treatment, consideration, training, advancement and representation. Learn how to use innovative approaches to make health and safety a reality for all.

**Dr. I. David Daniels**, *President & CEO – ID2 Solutions, LLC*

**Nicole Piggott**, *Chief Operating Officer – Women in Governance*

12:15 p.m. – 1:45 p.m.

### Lunch and Safety Technology Pavilion Opens

1:45 p.m. – 3:15 p.m.

### Evolving Landscapes with ESG

The world of sustainability and environmental, social and governance (ESG) has grown exponentially over the past decade, and with it, the role of EHS professionals has shifted. Organizations are searching to identify solutions where value and impact for both EHS and ESG can be maximized while navigating this changing landscape. Hear from practitioners who have successfully aligned EHS and ESG as well as other key stakeholders in responsible investing and impact measurement as we explore the value of EHS in 2023.

**Alex DiClaudio**, *Managing Director – Bedford Management Partners*

**John Dony**, *Vice President, Workplace Strategy – National Safety Council*

**Cliff Gibson**, *Chief of Staff Public Policy – Constellation*

3:15 p.m. – 3:30 p.m.

### Wellness Break

3:30 p.m. – 4:45 p.m.

### KEYNOTE

### Demystifying SafetyTech: How to Navigate the World of Technology to Revolutionize EHS

The future of EHS belongs to those who can bridge the worlds of technology, business and safety. During this keynote, Cameron will provide insights to help individuals and organizations move beyond the hype and provide practical steps to guide the development of technology-enabled strategy to improve the design, experience and safety of work.

**Cameron Stevens**, *Founder – Safety Innovation Academy & the Pocketknife Group*



4:45 p.m.– 5 p.m.

### Closing Remarks

**Tony Militello**, *Lead Consultant, EHS – Shirley Parsons*

5 p.m. – 6:30 p.m.

### Reception and Safety Technology Pavilion

## Wednesday, Feb. 1

8 a.m. – 9 a.m.

**Breakfast, Registration and Safety Technology Pavilion**

9 a.m. – 9:15 a.m.

**Opening Remarks**

(Level 4, Regency Ballroom A-C)

**Lorraine M. Martin**, *President & CEO – National Safety Council*  
**Tony Militello**, *Lead Consultant, EHS – Shirley Parsons*

9:15 a.m. – 10:45 a.m.

**Making TRIR Alternatives Reality**

Over 50 years ago, the total recordable incident rate (TRIR) was developed. It is wonderfully simple to use, but most argue that TRIR is a poor reflection of performance because it does not account for the severity of an incident. Others point out that TRIR is reactive as it only counts incidents, failing to represent the true health of an organization's safety culture. Learn how leaders in this space identify and evaluate potential alternatives to TRIR and how they implement these alternatives into their safety culture to find further success.

**Shawn Connick**, *Sr. Specialist – Quanta Services, Inc.*  
**Todd Gallaher**, *Principal Manager, Edison Safety – Southern California Edison*  
**Ben Kao**, *Director Safety and Environmental – Exelon*

10:45 a.m. – 11 a.m.

**Wellness Break**

11 a.m. – 12 p.m.

**Concurrent Sessions - Level 1**

**Safety Technology – Identifying and Overcoming Barriers**

(Level 1, Seaview Ballroom A)

This session will highlight some of the key barriers faced by organizations implementing safety technology and what can be done to encourage and support innovation in the workplace. We will discuss topics such as addressing employee concerns, earning leadership buy-in and how to strategically adopt the right solution for your workplace.

**Sarah Ballini-Ross**, *Safety Advancement & Innovation Project Coordinator – SAIF*



11 a.m. – 12 p.m. cont'd **Concurrent Sessions - Level 1**

### **MSD Prevention Programs – The Importance of Psychosocial and Organizational Factors**

(Level 1, Seaview Ballroom B)

This session will explore the necessity of examining psychosocial factors and organizational factors when designing, evaluating and monitoring MSD prevention programs. Learn about tools to assess psychosocial and organizational factors within workplaces and actionable steps to implement these assessment tools across programs. This session aims at equipping safety leaders to include the entirety of the organization and its employees in their programs.

**Jack Lu**, *Manager, Musculoskeletal Health Program – NIOSH*

**Blake McGowan**, *Solutions Executive – VelocityEHS*

**Paige DeBaylo**, *Research Manager, MSD Solutions Lab – National Safety Council*

### **Contractor Management and SIF – Managing the Intersection**

(Level 1, Seaview Ballroom C)

This session will discuss the stagnant work-related fatality trends and the added risks of managing contractors who often experience high-potential environments. These situations are further complicated by the decreased likelihood of temporary or contracted workers reporting concerns. Hear how applying technology-focused controls may enhance the detection of unsafe conditions among high-risk employees.

**Taylor Abel**, *Corporate Director, Road Safety – United Rentals*

### **The Future of Work – Defining Your Path Forward**

(Level 1, Harbor A & B)

This session will help employers navigate the “new normal” and learn what the future of EHS means to their organizations. Almost three years into managing COVID-19 and having endured changing guidance, restrictions, hybrid work and more, society is telling us the pandemic is over. This session aims to take stock of the past few years and help businesses future proof their workplaces before another pandemic hits.

**Michael Zalle**, *Founder & CEO – YellowBird*

12 p.m. – 1:30 p.m.

**Lunch and Safety Technology Pavilion**

1:30 p.m. – 2:30 p.m.

**Concurrent Sessions** (Morning sessions repeated) - Level 1  
**Safety Technology – Identifying and Overcoming Barriers**  
(Level 1, Seaview Ballroom A)

**MSD Prevention Programs – The Importance of Psychosocial and Organizational Factors**  
(Level 1, Seaview Ballroom B)

**Contractor Management and SIF – Managing the Intersection**  
(Level 1, Seaview Ballroom C)

**The Future of Work – Defining Your Path Forward**  
(Level 1, Harbor A & B)

2:30 p.m. – 3:30 p.m.

**Safety Technology Pavilion**

3:30 p.m. – 4:30 p.m.

**Discussing the Zero Paradox**

There was a moment, just a short time ago, when the goal of zero was on everyone's minds. After years of organizations setting incremental improvement targets tied to recordable incident rate or other lagging metrics, a sea change came over the safety and health profession. The only acceptable goal was zero. Fast forward to present day, some corners of the safety and health profession believe zero is not only seen as unrealistic but viewed as reductive and actively harmful. Join us in this session as we discuss the paradox.

*Dr. Fred Sherratt, Associate Director of Research – Construction Safety Research Alliance*

*Dr. Darryl C. Hill, SVP Safety and Security – First Student, Inc.*

*Dr. Tom Krause, Partner – Krause Bell Group*

4:30 p.m. – 4:45 p.m.

**Closing Remarks**

*Tony Militello, Lead Consultant, EHS – Shirley Parsons*

5 p.m. – 6:30 p.m.

**Reception**

(Outdoors – Rainbow Lagoon)

## Thursday, Feb. 2

8 a.m. – 9 a.m.

**Breakfast, Registration and Safety Technology Pavilion**

9 a.m. – 9:15 a.m.

**Opening Remarks** (Level 4, Regency Ballroom A-C)  
*Katherine Mendoza, Senior Director, Workplace Programs – National Safety Council*  
*Tony Militello, Lead Consultant, EHS – Shirley Parsons*

9:15 a.m. – 10:45 a.m.

**Human-Centric Design**

Is my employer watching me? Will surveillance be used against me? Is that robot going to take my job? These are all questions your workforce may be asking if you've discussed integrating automation and innovative solutions in your organization. Maintaining a human-centered approach in these changing times is key and workforce trust and inclusivity are crucial for projects to be successful. Join our expert panel as we discuss how psychological safety should remain at the forefront of organizational decisions as we learn to co-exist with technology.  
*Dr. Milena Braticevic, Educator, Mental Resilience & Psychological Safety Programs – California Institute for Human Science*  
*Dr. Emily Haas, Research Health Scientist – NIOSH National Personal Protective Technology Laboratory*

10:45 a.m. – 11 a.m.

**Wellness Break**

11 a.m. – 11:45 a.m.

**PechaKucha Presentations**

PechaKucha is a global storytelling platform that celebrates people, passion and creative thought. A PechaKucha presentation involves 20 slides, each timed for 20 seconds. Presenters are challenged to use every bit of the 400 seconds they have to connect with others visually, concisely and memorably. Join us for this unique session presented by the National Safety Council Rising Stars of Safety. Rising Stars are under age 40, provide safety leadership in their organization and are dedicated to continuous improvement in safety.  
*Omar A. Salih, Occupational Safety and Health Manager – U.S. Air Force*  
*Praveen Vayalamkuzhi, Founder & CEO – MobilityVision*  
*Devon Molitor, Associate Vice President - Safety, Health, and Environment – AECOM*

11:45 a.m. – 1 p.m.

### Lunch and Safety Technology Pavilion

1 p.m. – 2:30 p.m.

#### Embracing New Workplaces

Workforces are aging, workers are leaving at unprecedented rates and generational changes are influencing how work gets done. This discussion will highlight several key ways in which the landscape of work is changing and will reflect on how these changes can impact your organization as a whole. Learn about what these changes mean for the future of work with shared resources and insights into how to prepare and succeed in this new landscape and the impacts it can have on organizations.

**Julia Abate**, *Executive Director – The Ergonomics Center*  
**Dr. Anthony Harris**, *CEO & Medical Director – HFit Health*  
**Jennie Ulrich**, *EHS Manager – The Boeing Company*  
**Ram Maikala**, *Program Technical Consultant – National Safety Council*

2:30 p.m. – 2:45 p.m.

#### Wellness Break

3:30 p.m. – 4:45 p.m.

#### CLOSING KEYNOTE

##### The Talent Market: Adapting to a New Normal in the Ever-changing Landscape

A look into the new role of leaders that prioritizes healthy employees, safe organizations and a company culture centered around mental health. During this closing keynote, Jamie will provide insight into the importance of nourishing a psychologically safe work environment and how a lack of psychological safety can lead to toxic work cultures and workplace stress and burnout.

**Jamie Savage**, *Founder – The Leadership Agency*



3:45 p.m. – 4 p.m.

#### Closing Remarks

**John Dony**, *Vice President, Workplace Strategy – National Safety Council*



Save the date for  
**The Future of EHS**

**The Omni  
Louisville, Kentucky**

**Feb. 20 – 22, 2024**

In collaboration with



**WORKtoZERO**  
an nsc program

**MSD Solutions Lab**  
an nsc program powered by amazon

**SAFER**

