



## **51<sup>st</sup> Annual Iowa Governor's Safety & Health Conference**

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**November 1 - 2, 2022**

**The Meadows Events & Conference Center, Altoona, IA**



KIM REYNOLDS  
GOVERNOR

**OFFICE OF THE GOVERNOR**

ADAM GREGG  
LT GOVERNOR

November 1, 2022

Dear Safety Professionals,

On behalf of the State of Iowa, it's our pleasure to welcome you today to the 51<sup>st</sup> Annual Governor's Safety and Health Conference hosted by the Iowa Occupational Safety and Health Advisory Council.

Advancing safety in the workplace is a very important role. A strong and vibrant economy relies on healthy and safe workers. We applaud the work you do every day to minimize injury and work and ensure workplaces and work processes are safe. We are proud of the work you do every day to protect your employees so they can return home safely to their families each night.

This conference and the work of the Occupational Safety and Health Advisory Council is dedicated to sharing best practices and good ideas that you can take back to the factory floor, construction site, food processing facility and all other places of work.

We're confident that the knowledge and skills you gain at the Governor's Safety Conference will be invaluable in promoting workplace safety, preventing injury and saving lives across Iowa.

Thank you for what you do every day to make a difference for employees and employers.

Enjoy the conference.

Best regards,

A handwritten signature in black ink that reads "Kim Reynolds".

Kim Reynolds

Governor of Iowa

# CONFERENCE SPONSORS



IOWA  
ASSOCIATION OF MUNICIPAL  
UTILITIES



## SCHOLARSHIP SPONSORS

Jack Beno and Bill Dickinson Memorial Fund

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AMERICAN SOCIETY OF  
SAFETY PROFESSIONALS

Hawkeye Chapter

# IOWA OSH ADVISORY COUNCIL

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*Director of Safety  
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## CIRCLE OF SAFETY



The Circle of Safety logo was adopted by the Occupational Safety and Health Advisory Council in 1974. Since then, it has served as a symbol of purpose for all of their endeavors in Iowa.

Just as the wagon train was drawn into a circle for the mutual protection of the pioneers, the circle of safety is provided by the cooperative efforts of all concerned and surrounds the figure representing the employees of the state. The employee is not just the central figure, but is a part of the circle itself. This embodies the intent of the Occupational Safety and Health Act whereby the government, employers and employees must share in the rights and responsibilities for a safe and healthful environment.

# CONTINUING EDUCATION CREDITS

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## Purpose

The Iowa Occupational Safety & Health Advisory Council is exclusively dedicated to promoting and providing continuing education concerning Iowa workplace safety & health regulations and best practices.

## Intended Audience

The Iowa Governor's Safety & Health Conference is intended for occupational safety professionals, risk managers, consultants, business executives, supervisors, occupational health nurses, workers, or anyone that may have interest in, or impact on, workplace safety and health.

## Continuing Education Credits

### Certified Safety Professional (CSP)

Continuance of Certification (COC) points for Certified Safety Professional (CSP) may be claimed by attending this Governor's Safety and Health Conference, as authorized by the Board of Certified Safety Professionals. For more information please go to [bcsp.org](https://bcsp.org).

### Certified Industrial Hygienist (CIH)

Certification Maintenance (CM) points for Certified Industrial Hygienist (CIH) may be claimed by attending this Governor's Safety and Health Conference, as authorized by the American Board of Industrial Hygiene. For more information please go to [abih.org](https://abih.org).

### General Credit

General participation and education certificates will be available upon request after completion of the electronic post-conference evaluation from the Heartland Center of Occupational Health and Safety. 8 contact hours will be awarded for 2 day attendance.

# SCHEDULE – TUESDAY, NOVEMBER 1

12:00 – 1:00 PM	Registration and Exhibits	
1:00 – 1:20 PM	Conference Opening Presenting Colors – Polk County Sheriff's Honor Guard	Bishop Ballroom
1:20 – 2:20 PM	Keynote Speaker – Chad Pregracke	
2:20 – 2:50 PM	Exhibitor and Networking Break	
2:50 – 3:30 PM	OSHA Update – Kim Stille	Bishop Ballroom
3:30 – 4:10 PM	Panel Discussion: Are you Prepared for the Future of Workplace Safety and Health?	
4:15 – 6:00 PM	Exhibitor Reception	

## Exhibitor Reception

Tuesday, November 1  
4:15 PM – 6:00 PM

You don't want to miss this exciting event hosted by the conference exhibitors.

## Special Demonstrations

*The following special demonstrations will be available throughout the conference in Salon 1.*

### Miller AugmentedArc® Augmented Reality Welding System

Presented by: Stephen Simmons, MidAmerican

A highly realistic multiprocess welding simulation solution for classroom training. For beginner to advanced-level weld students, the AugmentedArc system simulates multiple welding processes, blending real-world and computer-generated images into a unique, augmented reality environment. We use it to allow apprentices to experience welding and develop good habits in a controlled environment without the risk of injury or accident.

### Exoskeletons: Iowa State University Center for Industrial Research and Service

Presented by: Chris Hill, Program Director, Iowa State University Center for Industrial Research and Service

Being an employer of choice can be a key to attract and retain your workforce. See first-hand how wearable technologies like wearable sensors and exoskeletons can help you identify and address ergonomic issues. Learn the advantages and roles these technologies can play in your company.

### Egress Training System by Inbiodyn

Presented by: Adam Fagnant, Technical Field Trainer, MidAmerican Energy Company, Health and Safety

### Lion Safety—Fire Extinguisher Trainer

Presented by: Tim Neal, Technical Field Trainer, MidAmerican Energy Company, Health and Safety

### Welding Simulator

Presented by: Jeremy Zills, Vermeer

### Human Performance Improvement and Safety Training Using Virtual Reality Technology

Presented by: George Christ, Partner, Applied Art & Technology

# SCHEDULE – WEDNESDAY, NOVEMBER 2

<b>7:00 – 7:45 AM</b>	<b>Breakfast, Registration and Exhibits</b>	
<b>7:45 – 8:00 AM</b>	<b>Morning Announcements</b>	<b>Bishop Ballroom</b>
<b>8:00 – 9:00 AM</b>	<b>Keynote Speaker – Dr. Diane Rohlman</b>	
<b>9:05 – 10:05 AM</b>	<b>Breakout Session 1</b>	
	Skinner A	Fall Protection Education Awareness Chris Dickey
	Skinner B	Environmental Hazards: Plants, Animals, and Arthropods, Oh My! Larry Studt
	Skinner C	Identifying and Overcoming the Challenges of Field vs. Plant Work David Bougger
	Salon 2/3	The Industrial Athletic Trainer: A Valuable Asset to your EHS Team Michael Donahue
<b>10:05 – 10:35 AM</b>	<b>Exhibitor and Networking Break</b>	
<b>10:35 – 11:35 AM</b>	<b>Breakout Session 2</b>	
	Skinner A	Panel Discussion: Let's Create the Learning Opportunity: What did you learn from the Pandemic? Larry Studt, Kelly Freel, Kimberly Stille, Rich McColley
	Skinner B	Tips for Heat Stress Prevention Using Hydration Shawn Stasko, Darin Dillow
	Skinner C	5 Electrical Hazards to Avoid Kurt Kozelka
	Salon 2/3	Using Technology to Accelerate Your Risk Management Program Chris Murphy
<b>11:40 – 12:40 PM</b>	<b>Lunch, Gary Hawk Award and Scholarship Presentation</b>	
<b>12:45 – 1:45 PM</b>	<b>Breakout Session 3</b>	
	Skinner A	Musculoskeletal Diseases. What are they and what can we do about them? Kevin Carlson
	Skinner B	Company/Union Joint Safety Committees Steve Bradley, Bill Hannah
	Skinner C	Ugh... Another Boring Safety Meeting Sarah Allender, Amy Roosa
	Salon A	How to Leverage Artificial Intelligence for Accurate and Reliable Ergonomic Assessment Jean E. Robillard, Alec Diaz-Arias, Don Triggs
<b>1:50 – 2:50 PM</b>	<b>Breakout Session 4</b>	
	Skinner A	Safety at Multi Contractor Sites Will Henry Jake Connor
	Skinner B	Preventing Workplace Burnout Nicholas D'Amico
	Skinner C	Defensive and Seasonal Driving Rodney Larson
	Salon 2/3	Developing Effective Safety Managers Dan Deike
<b>2:50 – 3:05 PM</b>	<b>Exhibitor and Networking Break</b>	
<b>3:05 – 4:05 PM</b>	<b>Keynote Speaker – Gary Higbee</b>	<b>Bishop Ballroom</b>
<b>4:10 – 4:30 PM</b>	<b>Closing Announcements</b>	



# KEYNOTE SPEAKERS

## Chad Pregracke



Chad Pregracke is the internationally named 2013 CNN Hero of the Year and Founder/President of Living Lands and Waters (LL&W), founded at the young age of 23. After spending his life growing up and working on the Mississippi River as a shell diver, commercial fisherman and barge hand he became appalled by the amount of garbage in the river and decided that if no one else was going to do something about it, he would!

Deciding to make working on America's rivers his life's work, Chad quickly became aware of the dangerous river conditions and extreme need for safety. Knowing the vital role of safety has helped Chad in building the only "industrial strength" not-for-profit river cleanup operation like it in the world. His hard work, leadership, positivity and can-do-attitude has not only rallied over 120,000 volunteers but has been a key factor in keeping a strong team of people together. With five barges, three towboats, a crane, excavator, six workboats and coordinating up to 25 work vessels, Chad and his crew have removed 12.2 million pounds of garbage from our Nation's great rivers with an impeccable safety record.

Chad has been recognized by former President, George W. Bush as a national "Point of Light." He received a standing ovation at the Kennedy Center from four former U.S. Presidents for his inspirational message on dreaming big, taking action, persevering, leading and collaborating. Named "America's Hardest Working Person" by Mitchum, Chad's personal compelling story embodies leadership, work ethic, perseverance and teamwork. His enthusiasm, sense of humor and passion amplifies his story and entertains audiences. Ultimately, his message inspires people to believe they can make a difference.

Chad currently lives and works with his wife Tammy dividing their time between life on the Teamwork barge and their home in East Moline, IL.



# KEYNOTE SPEAKERS

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## Diane Rohlman, Ph.D.

Dr. Rohlman is the Associate Dean for Research in the University of Iowa's College of Public Health. She is also a professor in the Department of Occupational & Environmental Health where she holds the Endowed Chair in Rural Health and Safety. She is Director of the University of Iowa's Healthier Workforce Center. Her research focuses on the health effects of occupational and environmental exposures, with emphasis on the increased workplace risks faced by younger employees. Her studies have examined agricultural workers in the United States and around the world, including research on the effects of pesticide exposure on adolescents and their developing nervous system. She also has studied how lifestyle factors and mental health can impact safety on

the job, as well as the effect of interventions directed toward supervisors and workplace policies. Dr. Rohlman received her masters and doctorate in experimental psychology from Bowling Green State University in Ohio.



## Gary Higbee

Gary has over 50 years of experience ranging from working on the factory floor to upper management. His assignments include positions in Production Engineering, Safety and Environmental Engineering, Production Management, Corporate Director, Vice-President and President/CEO.

Gary has an MBA from the University of Iowa and is a board-certified safety professional. Gary is a past recipient of the Safety Professional of the Year award for region IV of the American Society of Safety Engineers. In 2010 Gary received the Distinguished Service to Safety Award from the National Safety Council. The DSSA is the National Safety Council's highest individual award. In 2017 he also received the Gary Hawk award for Safety Excellence.

In addition to his consulting, Gary has published many articles and is a frequent Keynote speaker around the world. His recent topics include "Managing Complex Change Initiatives", "Nine Steps for Changing your Safety Culture", "Breaking the Cycles of Risky Behavior", "Predicting Human Performance", "Visionary Leadership" and Rethinking Risk Assessment: Adding a Third Dimension.

Using his over 50 years of experience and a sense of humor, Gary has become an internationally known speaker on safety, health, environmental and business issues.

# GENERAL SESSION DETAILS

## Tuesday, November 1 | Bishop Ballroom

### 1:20 PM | Keynote: One Person Makes a Difference

**Chad Pregracke, Founder and President, Living Lands and Waters**

Chad Pregracke, 2013 CNN Hero of the Year, is living proof that one person can make a difference. As the founder of America's only "industrial strength" river clean-up organization, Chad Pregracke tells a compelling, uplifting, and inspiring story about growing up on the river and how his river experiences led to his unique vision to clean up the Mississippi River and start an internationally recognized not-for-profit, Living Lands & Waters. During his presentation, Chad will take the audience out on one of the world's greatest rivers – a journey filled with endless challenges and gripping adventures. His delivery is motivating, captivating, genuine and refreshingly spontaneous. Chad's story will show you that one person can truly make a difference!

### 2:50 PM | OSHA Update: Safety & Health Re-Invented Post Pandemic – Lessons Learned and Approaches Reshaped

**Kimberly Stille, Director, Directorate of Enforcement Programs, US Dept of Labor, OSHA**

More than 3 years after the WHO declared the COVID 19 outbreak a pandemic, the US entered the endemic stage this past spring/summer: the virus is widespread, it is significantly less fatal than it was in 2020, and is spurring only limited changes in public behavior. What lessons were learned in the S&H realm and how has/is safety and health advancing to encourage compliance in a nontraditional work environment, filled with employers and workers alike adapting to the work and their responsibilities.

### 3:30 PM | Panel Discussion: The Future of Work

**Dr. Diane Rohlman, PhD, Associate Dean for Research, College of Public Health Director, Healthier Workforce Center of the Midwest, University of Iowa**

**Cristin Eichenberger, MSN, COHN-S, Occupational Health Nurse, Koch Industries**

**Kris Pruismann, SHRM-CP, PHR, Story Construction Co**

In 2019, NIOSH launched an initiative titled "The Future of Work," which builds on Total Worker Health® principles that encourage collaboration across a wide spectrum of organizational policies, programs, and practices.

NIOSH explains in their introductory information\* that "worldwide, workplaces and work are impacted by new technologies, and the combined pace of automation and globalization. Employers and their workforces are confronting complex and emerging issues, such as changing employment patterns and relationships, recruitment and retention in competitive labor markets, an aging workforce, gender and racial inequalities, and job loss due to technological innovations. The careful balancing of all these occupational safety and health issues is needed to meet the challenges and opportunities presented by the future of work."

This session will include a panel of professionals that will share their knowledge and experience in future of work subject areas.

# GENERAL SESSION DETAILS

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## Wednesday, November 2 | Bishop Ballroom

### 8:00 AM | Keynote: Including Mental Health in the Safety Conversation

**Dr. Diane Rohlman, PhD, Associate Dean for Research, College of Public Health  
Director, Healthier Workforce Center of the Midwest, University of Iowa**

Work has a positive impact on mental health, providing meaning and purpose, a sense of accomplishment, self-efficacy and self-esteem, and recognition of an individual's contribution. However, aspects of work can also negatively impact mental health (e.g., excessive workload, lack of control, role ambiguity, employee/supervisor conflict, work and home demands). Furthermore, certain industries, such as construction, have higher rates of suicide and mental health issues compared to other industries. Mental health conditions, including depression and anxiety disorders, substance use, psychotic disorders, and work-related stress, can lead to increased injuries and absenteeism, high turnover, lost productivity, increased costs, and lower employee engagement. There is often a reluctance to discuss mental health issues in the workplace and this stigma can negatively impact worker well-being. When addressing mental health in the workplace it is important to move beyond individual solutions to address how the organization of work can impact health. Solutions at the organizational (e.g., policies), supervisor (e.g., training), and worker (e.g., toolbox talks to start the conversation) levels will be presented. Workplace policies can be used to improve employees' mental health and provide a plan for action.

### 3:05 PM | Keynote: Getting to YES - Establishing Executive Buy-in for Safety

**Gary A. Higbee, EMBA CSP, President/CEO, Higbee & Associates, Inc.**

A common problem in the safety field is a lack of executive or senior management support when it comes to safety initiatives. Executive and senior manager leadership can influence safety performance and at the same time drive productivity and quality improvements. A lot of this has to do with the data they're receiving. This session will help participants understand the difference between productivity data, quality data and safety data and teach them how to use that data to appeal to senior leadership when it comes to approval for safety initiatives. The attendees will learn the difference between Hard Data & Soft Data as well as how to measure Decision Risk. All these terms impact capital allocations and the impact on safety performance. We will also provide an understanding of how human factors impact safety at all levels and demonstrate the impact that will have on the company through real-life examples and strategies.

# BREAKOUT SESSION DETAILS

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## Wednesday | 9:05 AM | Breakout Session 1

### **Skinner A : Fall Protection Education Awareness**

**Chris Dickey, PMG**

Overview of general fall protection practices, applications, and requirements. This interactive session will include:

- Fall clearance/calculating fall clearance needed
- Fall protection. What is it? Why fall protection? What products to use?
- How to properly wear your harness
- How to use and properly inspect your fall protection equipment
- The importance of rescue should a fall arrest occur

### **Skinner B : Environmental Hazards: Plants, Animals, and Arthropods, Oh My!**

**Larry Studt, MD, *UnityPoint Health, Des Moines Occupational Medicine***

We will cover environmental hazards including poison ivy/oak, other plants, ticks, fleas, and animal bites.

### **Skinner C : Identifying and Overcoming the Challenges of Field Vs. Plant Work**

**David Bougger, ASP, CSP, *Corporate Safety Manager, The Waldinger Corporation***

When creating safety programs, it is important to recognize the unique challenges associated with different work environments. We will discuss elements that have proven effective in a shop or manufacturing environment versus ones that are more beneficial on a jobsite or remote setting.

### **Salon 2/3 : The Industrial Athletic Trainer: A Valuable Asset to your EHS Team**

**Michael Donahue, DAT, MEd, ATC, *Athletic Trainer, CareOnSite***

This presentation will define an athletic trainer as a health care provider who is uniquely qualified to provide services in occupational health. It is helpful to understand the educational competencies that an athletic trainer (AT) will study and the common settings that you typically find an AT. The presentation will also cover additional certifications that ATs can pursue that compliment their education and make them even more specialized to practice in occupational health.

The remainder of the presentation will address the value of athletic trainers in occupational health and describe the services that can be provided. It will also cover research on the benefits of having an AT in these settings.

# BREAKOUT SESSION DETAILS

## Wednesday | 10:35 AM | Breakout Session 2

### **Skinner A : Let's Create the Learning Opportunity: What did you learn from the Pandemic? Panel Discussion.**

*Larry Studt, MD, UnityPoint Health, Des Moines Occupational Medicine*

*Kimberly Stille, Director, Directorate of Enforcement Programs, US Dept of Labor, OSHA*  
*Kelly Freel, B.S., Business Management, Certified Professional Public Buyer (CPPB), Government Contract Specialist, Iowa State University*

*Rich McColley, CSP, Assistant Director, Department of Environmental Health and Safety, Iowa State University*

The World Health Organization declared COVID-19 as a pandemic in the spring of 2020. As the pandemic lingered, we all longed for a time where COVID-19 would not dominate our lives. More recently, thanks to high levels of immunity built up through vaccination and previous waves of infection, the US appears to be entering this phase. Yet the WHO states "We expect there to be future waves of infections, potentially at different time points throughout the world caused by different subvariants of Omicron or even different variants of concern".

What lessons have we learned? What steps do we need to take to be prepared for the next one? How should these lessons be incorporated into our business continuity plans? This session will include a panel of professionals that will share their knowledge and experience with different aspects of the COVID-19 pandemic and how to use the experience as a learning opportunity for future generations.

### **Skinner B : Tips for Heat Stress Prevention Using Hydration**

*Shawn Stasko, Ph.D., Chief Scientific Officer, Sword Performance Inc.*

*Darin Dillow, Ph.D., Chief Executive Officer, Sword Performance Inc.*

Explore the physiology behind heat stress and how the human body copes with the challenges. Learn about tips and strategies using hydration, rest, and shade on the worksite to help prevent this from occurring.

### **Skinner C : 5 Electrical Hazards to Avoid**

*Kurt Kozelka, ARM, Loss Control Consultant, Nationwide Insurance*

An interactive discussion including several real examples of hazardous electrical observed at various types of facilities. Attendees will have the opportunity to share examples of things they have seen and learn from each other.

### **Salon 2/3 : Using Technology to Accelerate Your Risk Management Program**

*Chris Murphy, CPCU, CSP, Vice President Loss Control, Holmes Murphy*

Workplace injuries, security incidents, slips and falls, and water damage; these are just a few of the many risks businesses face every day. If left uncontrolled, these risks can have a significant impact on insurance costs, productivity, profitability, employee morale, and reputation. Effective risk management practices continue to evolve and now include a wide range of technology-related solutions. Attendees will leave with a greater understanding of advances in workplace wearables, internet-enabled sensors, computer vision and artificial intelligence, smartphone applications, and other technology-based solutions.



# BREAKOUT SESSION DETAILS

## Wednesday | 12:45 PM | Breakout Session 3

### **Skinner A : Musculoskeletal Diseases. What are they and what can we do about them?**

*Kevin Carlson, EdD, Assistant Professor of Kinesiology, Drake University*

In this session we will clearly define musculoskeletal diseases and further our understanding of their incidence in the workplace. Once we have laid this foundation we will discuss best practices to reduce their risk within the workforce. As part of our time together, please feel free to share what your place of employment is doing to reduce the risk of MSDs.

### **Skinner B : Company/Union Joint Safety Committees**

*Steve Bradley, UAW Local 450 Safety Representative, John Deere Des Moines Works*

*Bill Hannah, Safety Director, John Deere Des Moines Works*

This session will cover some of the ways a company and a labor union can work together to provide a positive impact to workplace safety.

### **Skinner C : Ugh...Another Boring Safety Meeting**

*Sarah Allender, Senior Safety and Loss Control Specialist, TrueNorth Companies*

*Amy Roosa, Senior Risk Control Specialist, Gallagher*

We've all been there, right? A safety meeting where you could barely keep your eyes open? Our goal is to make safety training fun again. We will discuss learning styles, presentation techniques and how to engage your audience. Get ready to learn, participate and have some fun.

### **Salon 2/3 : How to Leverage Artificial Intelligence for Accurate and Reliable Ergonomic Assessment**

*Jean E. Robillard, M.D, Co-Founder and CEO, Inseer, Inc.*

*Alec Diaz-Arias, PhD, Chief Research Officer , Inseer, Inc.*

*Don Triggs, CPE, Advisor – Ergonomics, Inseer, Inc.*

The rapid development of deep learning for computer vision tasks has facilitated the potential to achieve in-depth ergonomic assessments without needing sensors, synchronized video streams, or subjective human evaluations. In this presentation we seek to provide the viewer with a brief overview of deep learning as a tool for ergonomics, what current ergonomic assessments are automatable with artificial intelligence and interpretable by risk-safety professionals. Furthermore, we will report on the reliability of such a system relative to its human counterparts across differing camera views.



# BREAKOUT SESSION DETAILS

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## Wednesday | 1:50 PM | Breakout Session 4

### **Skinner A : Safety at Multi Contractor Sites**

**Will Henry, CSP, CHST, *Project Safety Manager, Turner Construction Company***

**Jake Connor CSP, CHST, *Area EH&S Manager, Turner Construction Company***

Large, multiyear construction projects with multiple contractors on site at any given time can be chaotic. Whether you are the owner, contractor, or subcontractor, learn best practices to stay safe and effectively coordinate with others on the job site.

### **Skinner B : Preventing Workplace Burnout**

**Nicholas D'Amico, MA, LMFT, *Chief Operations Officer, Covenant Family Solutions***

This session provides information about the prevalence and impacts of burnout. Participants will learn about workplace dynamics that influence employee burnout along with protective factors that all organizations should be aware of. Healthy ways to cope with burnout will also be discussed.

### **Skinner C : Defensive and Seasonal Driving**

**Trooper Rodney Larson**

This session will cover defensive driving tips to keep you safe in all weather conditions.

### **Salon 2/3 : Developing Effective Safety Managers**

**Dan Deike, *Director of Safety and Employee Development, Waldinger Corp***

Finding and hiring an effective safety manager that fits your culture has always been a challenge. In today's high demand market, this has become exponentially more difficult. Since talent is not easy to find, another option is to create an environment to help build them. In this session we will review the program elements and needed processes it takes to create an effective structured on the job development program, specific to safety management.

# MEMORIAL SCHOLARSHIPS

Since 1977, the Iowa Governor's Safety & Health Conference has awarded more than **\$166,350** in scholarships to students in occupational safety at five Iowa colleges. We are proud to announce that in 2022 we are awarding **\$9,000** in scholarships to Iowa students.

These scholarships will be presented during lunch on Wednesday, November 2. Please join us in supporting the educational efforts of these deserving recipients.

## Jack Beno Scholarship

**Valerie Boksa**  
*University of Iowa*

## Bill Dickinson Scholarship

**Spencer Baker**  
*University of Iowa*

## Iowa Occupational Safety & Health Advisory Council Scholarship

**Mallory Leazer**  
*Iowa State University*

**Lauren Barlow**  
*University of Iowa*

## Jim Silvers Scholarship

**Tavion Yrjo**  
*Iowa State University*

## 2021 Scholarship Award Winners



*The 2021 scholarship award winners were Alessandra Pratt, Kelsey Strandberg, Liam Gleason, Spencer Baker, Anna Proctor, Mallory Leazer, Abby Espinosa-Gonzales, Daniel Nelson, Victor Soupene, and Rebecca Hertges.*

# PAST SCHOLARSHIP WINNERS

## 2021

Alessandra Pratt *U of I*  
Kelsey Strandberg, *U of I*  
Liam Gleason *ISU*  
Spencer Baker *U of I*  
Anna Proctor *U of I*  
Mallory Leazer *ISU*  
Abby Espinosa-Gonzales *ISU*

## 2020

Nastaran Moradi *U of I*  
Lindsay Heck *U of I*  
Christian Feye *ISU*

## 2019

Priyanka Vakkalanka *U of I*  
Allison Persing *U of I*  
Daniel Chapman *ISU*

## 2018

Shelby Clark *U of I*  
Misha Griffis *U of I*  
Johnathan Hughes *ISU*

## 2017

Darrin Thompson *U of I*  
Shaunae Alex *U of I*  
Ria Gasaway *ISU*

## 2016

Laura Hallett *U of I*  
Sai Ramaswamy *ISU*  
Mahmoud Metwali *U of I*

## 2015

Kayla Faust *U of I*  
Sarah Ischer *U of I*  
Ayrton Williams *ISU*

## 2014

Levi Mines *U of I*  
Maya Ramaswamy *U of I*  
Maria Melendez *ISU*

## 2013

Mark Schall *U of I*  
Kelsey Smithart *U of I*  
Derek Boshold *ISU*

## 2012

Kelsey Smithart *U of I*  
Jessica Mills *U of I*  
Mitchel Steffes *ISU*

## 2011

Nirmalla Barros *U of I*  
Nathan Brayman *ISU*  
Adrianne Horne *U of I*

## 2010

Lauren Gant *U of I*  
Mitchell Kange *U of I*  
Abby Harper Maples *U of I*

## 2009

Brian Pavilonis *U of I*  
Jamie Brown *U of I*  
Donna Holzer-Vosbough *U of I*

## 2008

Lorenza Cena *U of I*  
Mallory Johnson *U of I*  
Javier Santella Elias *U of I*

## 2007

Robert Ian Poole *U of I*  
Alysha Meyers *U of I*

## 2006

Adam Riss *U of I*  
William Downs *ISU*  
James Lindgren *UNI*  
Lindsay Parker *U of I*

## 2005

Kira Campos-Anderson *ISU*  
Troy Mills *ISU*  
Matthew Murphy *U of I*  
Matthew Nonnenmann *U of I*

## 2004

Nathan Fethke *U of I*  
Patrick Murphy *ISU*  
Vijay Gola *U of I*  
Jeffrey Miller *U of I*  
Andrew McNaught *ISU*

## 2003

Jon Judge *ISU*  
Jessica Ferrie *U of I*  
Joung Ae Lee *U of I*  
Joshua Jacobsen *ISU*  
Timothy Powers *ISU*  
Ryan Hoenicke *ISU*

## 2002

Rachel Floit *U of I*  
Craig Gehrels *U of I*  
Brad Lester *U of I*

## 2001

Scott Collingwood *U of I*  
Nicole Case *ISU*  
Steve Duff *ISU*  
David Hraha *DMACC*  
Andrew New *ISU*  
Risto Rautianinen *U of I*  
Joann Wee *DMACC*

## Jack Beno Scholarship Foundation

When **Jack Beno**, age 60, lost a long battle with cancer in 1997, the safety world lost a truly inspirational leader. His ideas, guidance and tenacity contributed greatly to the many successes of the Iowa Governor's Safety & Health Conference and to workplace safety and health throughout Iowa.

Jack was appointed to the Iowa Occupational Safety and Health Advisory Council in 1979 after accepting a position at Iowa State University. Jack's former students continually speak of the profound impact he had on their education and life experiences, and will never forget him or the lessons they learned.

The Jack Beno Scholarship Foundation was established in 1998 to provide scholarships for safety-related education in Iowa colleges. In honor of his memory, many former colleagues, friends, and students have made a contribution to support this cause.

## Bill Dickinson Scholarship

**Bill Dickinson** served the State of Iowa through his work with the Iowa-Illinois Safety Council, American Society of Safety Engineers, and Nationwide Insurance. His work with the council often overlapped with the Iowa Governor's Safety & Health Conference, as he spoke and provided expert speakers on many topics.

Bill Dickinson and Bruce McCann were instrumental in the establishment of the ASSE golf outing that has funded much of the Jack Beno Scholarship fund. More importantly, Bill was constantly mentoring safety professionals throughout the state, encouraging them to excel in their work. Bill and Jack met on a number of occasions to discuss many safety issues affecting the state and the nation.

Gary Higbee captured the spirit and thoughts of many other EHS professionals and colleagues best, stating, "Both men (Jack Beno and Bill Dickinson) were men of honor and stature; I was fortunate to be their friend."

## Jim Silvers Scholarship

This one-time scholarship is being given in 2022 to honor the memory of Jim Silvers. **Jim Silvers** worked in the safety profession for 35 years in the state of Iowa. Jim unexpectedly passed away on January 28, 2022. He was an avid Iowa State University fan.

# GARY HAWK SAFETY AWARD WINNER



## Dan Deike

**Director of Safety and Employee Development,  
The Waldinger Corporation**

Dan Deike grew up working at his family's implement business in Waverly, Iowa from the age of five and always admired the technicians, mechanics, and helpers in the shop. During his tenure with the family business, Dan worked as a diesel mechanic, welder, painter, and truck driver. He says, "through this experience, I developed a strong appreciation for manual workers."

When it came time to declare a major at the University of Northern Iowa in Cedar Falls, Dan told his advisor he was most interested in being an advocate for the blue-collar worker. Dan's advisor broke the news that there was no such degree track, so he finished his B.A. and put his passion on hold.

Dan began his career at the McAninch Corporation working as a heavy equipment operator. He worked in that role, and as a welder and fabricator, for three years before fate stepped in and presented an opportunity to fulfill the career intentions he'd had since his youth.

When Dan heard Master Builders of Iowa Safety Specialist Phil Mercuris present after an audit, Dan had his aha moment. Safety – that is how he could advocate for the blue-collar worker. Dan immediately signed up for safety classes at Iowa State University with the legendary Denis Zeimet. But just as he did so, Denis pivoted and went to DMACC, and Dan followed him. Dan says, "Denny is one of the greatest safety mentors ever. Under his leadership, I was honored to receive the Jack Beno scholarship."

In 1998, Dan's dream job was realized when he was promoted to the Director of Safety for McAninch. Dan developed a proprietary safety program, grew his team to five safety professionals, and working with his team fostered a workplace environment that embraced a positive culture of safety. Then Dave Miller, Waldinger's Senior Vice President of Operations, heard about Dan's work. Dave tried to get Dan onboard at Waldinger for about a year before Dan made the leap, as Waldinger's growth trajectory offered him more opportunity to continue his path of advocacy for skilled craft workers.

Dan's role has been expanded from Director of Safety to Director of Safety and Employee Development. He says, "By Waldinger leadership giving me a larger role, safety has become even more interwoven into our company culture." Dan's key to safety success focuses on building strong relationships with field personnel. Dan believes in marrying safety with production; he says they should not exist in two silos. Safety and production are integrated and inseparable.

### SAFETY AND HEALTH ORGANIZATIONS

- AGC – Safety Committee
- MBI – Safety Committee
- MCAI – Iowa Safety Committee
- SMACNA – National Safety Committee
- Iowa Occupational Safety & Health Advisory Council – Board Member (2006-2015)

# PAST GARY HAWK WINNERS

## 2019 Douglas Martin



## 2018 Dr. Jim Withers



## 2017 Gary Higbee



2016 Cindy Baldwin  
2015 Mary Bryant  
2014 Marlys Nelson  
2013 Dan Broghammer  
2012 Dr. Steven Freeman  
2011 Rod Swager  
2010 Dennis Reichardt  
2009 John Izzolena  
2008 Ron Snyder  
2007 Dr. Denis Zeimet  
2006 Jim Hawthorne  
2005 Byron Orton  
2004 Chet Fuller

2003 Mary Daniel  
2002 Emery Sobottka  
2001 Don Sullivan  
2000 Pat Payton  
1999 Ray Forsythe  
1998 Phil Mercuris  
1997 Chris Constantine  
1996 Al Meier  
1995 Lora Summerwill  
1994 Norm Popenhagen  
1993 Marge Connors  
1992 Jack Mickle  
1991 Melvin Sanders

1990 Kenneth Moore  
1989 Ted Wire  
1988 Mel Smith  
1988 Dr. John Thomas  
1988 Virgil Deering  
1987 Al Victor  
1986 Al Sherrick  
1985 Dale Hull  
1984 Dr. John Robb  
1983 Joe Klinsky  
1982 Bob Skinner  
1981 Harlan Von Seggern  
1980 Jerry Addy

## About the Gary Hawk Award

In 1996, the annual Iowa Governor's Safety & Health Conference safety award was renamed to the "Gary Hawk Safety Award" in honor of long-time OSH Advisory Council member Gary Hawk, who passed away after a long battle with cancer.



# EDUCATIONAL OBJECTIVES

**Pregracke:** Describe how to create and lead a vision that inspires people to take action.

**Pregracke:** Explain how strong leadership and teamwork can effectively solve a problem, no matter the size.

**Stille:** Discuss the value of preplanning and labor management collaboration and steps to implement.

**Stille:** Identify opportunities to incentivize safety and health compliance.

**Rohlman, Eichenberger, Pruismann:** Discuss current NIOSH "future of work" activities, including potential impacts to Iowa business and industry.

**Rohlman, Eichenberger, Pruismann:** Outline current and future workforce challenges and some employer strategies to combat those challenges.

**Rohlman, Eichenberger, Pruismann:** Describe changes in the workforce, as well as how changes in the actual work itself will have both upstream and downstream impacts on the health of future workforces.

**Higbee:** Discuss ways to get senior leadership support for safety initiatives.

**Rohlman:** Discuss workplace risk factors that contribute to mental health.

**Rohlman:** Describe methods to address mental health at the organizational, supervisor, and worker levels.

**Dickey:** Outline how to inspect your fall protection equipment.

**Studd:** Identify likely environmental hazards.

**Studd:** Explain what to do when exposed to such hazards, if not preventable.

**Bougger:** Outline a tailored plan for your different classifications of worker or workers at unique jobsites.

**Donahue:** Outline the educational competencies and certification requirements for athletic trainers (ATs).

**Donahue:** Identify common employment settings for athletic trainers and additional certifications that ATs are qualified to receive (FMS, Ergonomics, etc...).

**Donahue:** Describe ways that an athletic trainer can provide health care services to the industrial athletes.

**Studd, Stille, Freel, McColley:** Discuss the pandemics' major impacts and provide key information to help prepare for the next event.

**Studd, Stille, Freel, McColley:** Discuss strategies individuals/employees can employ to protect themselves from future health/unplanned threats.

**Stasko, Dillow:** Describe the human physiology of heat stress injuries on the jobsite.

**Stasko, Dillow:** Summarize the strategy behind hydration and its use to all on a daily basis.

**Kozelka:** Identify unsafe or hazardous electrical conditions when they conduct self-inspections at their sites and facilities.

**Murphy:** Explain how new technologies such as workplace wearables, internet-enabled sensors, computer vision and artificial intelligence can be used in a risk management program.

**Murphy:** Describe how technology you likely already have can be used to simplify tasks in your risk management program.

**Carlson:** Define MSDs and their rate of occurrence in the workplace.

**Carlson:** Discuss practices that are utilized to reduce the risk of MSDs in the workplace.

**Bradley, Hannah:** Discuss the changing use of safety metrics within a manufacturing organization.

**Bradley, Hannah:** Describe how metrics (lagging and leading) are being used and how that use impacts overall safety efforts.

**Allender, Roosa:** Describe different learning and presentation styles that they will be able to apply to their jobs.

**Robillard, Diaz-Arias, Triggs:** Describe the biases of visual assessments.

**Robillard, Diaz-Arias, Triggs:** Explain how a computerized system can standardize risk assessments.

**Henry, Connor:** Describe best practices for managing safety on sites with multiple contractors.

**D'Amico:** Identify the signs, symptoms, and both organizational and individual impacts of burnout.

**D'Amico:** Identify workplace solutions to minimizing burnout and healthy ways for individuals to cope with impacts of burnout.

**Larson:** Outline the four main actions that will keep a driver safe while driving in all types of weather.

**Deike:** Outline the program elements and processes required to build an effective structured on the job development program.

## JACK BENO MEMORIAL FOUNDATION

Be a leader in safety and health and help guide the profession forward. Donate to the Jack Beno Memorial Foundation because safety matters to you.

MAKE CHECKS PAYABLE TO:  
Jack Beno Memorial Foundation

MAIL TO:  
150 Des Moines Street  
Des Moines, IA 50309

Save the Date: ASSP Beno Golf Fundraiser  
**JULY 28, 2023**



# The Meadows Events and Conference Center



**SAVE  
THE  
DATE**

**OCTOBER 24-25, 2023**