The University of Iowa

Hawkeye on Safety
Safety & Health Conference
Thursday, October 1, 2015
7:30 a.m. to 4:30 p.m.
Coralville Marriott, Coralville, Iowa

ONLINE REGISTRATION

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Hawkeye on Safety
The safe road to Iowa's future

Heartland Center for Occupational Health & Safety
(A NIOSH Education and Research Center)

WorksafeDAO
Hawkeye on Safety

Agenda

7:30 am  
*Registration, Continental Breakfast & Exhibits*

8:15 am  
*Welcome from Special Guest*

8:30 am  
**Opening Keynote: A Culture of Safety Excellence**  
David Crouch, MSOD - Senior Consultant, Caterpillar Safety Services  

9:30 am  
**Breakout Session 1**  
- Infection Control Risk Assessment in Health Care Facilities  
  Travis Parsons  
- Ergonomics to Prevent Soft Tissue Injury  
  Dan Fog, DPT  
- Total Worker Health™  
  Diane Rohlman, MA, PhD  
- Arc-Flash NFPA 70E—2015 Updates  
  Brandon Schroeder  
- Establishing & Maintaining a Positive Safety Culture  
  Kurt Tjelmeland  
- Fall Protection 101  
  Chris Dickey  

10:30 am  
**Refreshments and Exhibits**

11:00 am  
**Breakout Session 2**  
- Fall Protection  
  Travis Parsons  
- Trenching & Excavation Safety  
  Vern Schaefer, PhD, PE  
- Scaffolding User Hazard Awareness  
  Andy Weber  
- Speak Up! Listen Up! Safety Communication  
  Zach Knoop  
- OSHA’s Temporary Worker Initiative  
  Jen Wilken  

12:00 pm  
**Lunch and Exhibits**  
*Lunch Keynote: What is Safety?*  
Chuck Goodman, Area Vice President & Loss Control Representative, Arthur J. Gallagher & Co.

1:00 pm  
**Breakout Session 3**  
- Foundational Aspects of Safety Pre-Planning  
  Terry Klingele  
- Hearing Conservation  
  UI S.A.F.E.  
- OSHA Updates  
  Mike Whitmore  
- Workplace Drug Recognition  
  Lisa Kriz, RN, CPCT, BAT  
- Confined Space Rescue...Are You Covered?  
  Andy Hall  

2:00 pm  
**Breakout Session 4**  
- Public Protection Around Work Zones  
  Justin Slapnicka, CSP  
- Liability in the Work Zone  
  Maggie Bennett, JD  
- Project Management & Hot Work Management  
  Paul Roth & Tom Lauer  
- Lockout/Tagout - Electrical Safety in the Workplace  
  Jay Whitaker  
- Rigging  
  Floyd Sauter  

3:00 pm  
**Refreshments and Exhibits**

3:30 pm  
**Closing Keynote: How an Instant Can Change Your Life Forever**  
Alex Watters, Spinal Cord Injury Survivor
Registration
Pre-registration is required.

Registration 1-9 individuals...$40 per person
Registration 10+ individuals...$30 per person

Registration fee includes folder with all course materials, instruction, and refreshment breaks.
Continuing Education Unit cost separate (see below). To register, please visit: www.centerforconferences.com > Conferences > Hawkeye on Safety 2015 (Oct 1) or use the following link to go directly to the registration page: ONLINE REGISTRATION

Purpose & Intended Audience
This conference will provide current information on health and safety topics in construction and facilities, as well as key networking opportunities needed to keep current in safety standards and trends. This conference is intended for health and safety professionals, construction professionals (electrical, plumbing, roofing, carpentry, masonry, etc), architectural professionals, compliance officers, inspectors, project/facility personnel, general industry, medical professionals and anyone looking for CEUs in health and safety.

Lodging
A block of rooms has been reserved on Sept. 30, 2015 and Oct. 1, 2015 at the conference location, Coralville Marriott at the group rate of $113+tax per night using the group name: Hawkeye on Safety if reserved by Sept. 9, 2015. To reserve a room, click the link above or call 319-688-4000.

General Continuing Education Units (CEUs)
A Continuing Education Unit (CEU) is a measurement used throughout the United States by educational institutions to record participation in non-academic credit education programs. This conference is eligible 6.75 hours (0.68 CEUs). Participants wishing to receive CEUs must pay $10 CEU fee in advance and be present for the entire conference. The CEU award letters will be mailed approximately 4-6 weeks after the event to those that signed up and paid the CEU fee.

Nursing CEUs
The University of Iowa College of Nursing is an Iowa Board of Nursing Approved Provider Number 1. This conference is approved for 8.1 contact hours. Participants wishing to receiving Nursing CEUs must pay $10 Nursing CEU fee in advance and be present for the entire conference. The Nursing CEU card must be filled out on-site and participant will keep a copy.

Nondiscrimination statement
The University of Iowa prohibits discrimination in employment, educational programs, and activities on the basis of race, national origin, color, creed, religion, sex, age, disability, veteran status, sexual orientation, gender identity, or associational preference. The university also affirms its commitment to providing equal opportunities and equal access to university facilities. For additional information on nondiscrimination policies, contact the Office of Equal Opportunity and Diversity, 319-335-0705 (voice) and 319-335-0697 (text), 202 Jessup Hall, University of Iowa, Iowa City, Iowa 52242-1316.

Accessibility statement
Individuals with disabilities are encouraged to attend all University of Iowa-sponsored events. If you are a person with a disability who requires reasonable accommodation in order to participate in this program, please contact the UI Center for Conferences in advance at (319) 335-4141.
Upon completion of this course, participants should be able to:

- Explain traditional incident reaction cycle, why injuries happen, and criteria for safety excellence.
- Explain best practices for infection control risk assessment in health care facilities.
- Discuss ergonomic strategies to prevent soft tissue injury.
- Describe Total Worker Health™ and how it can be used effectively.
- Demonstrate knowledge of hazards associated with working on or near energized electrical equipment and circuits, and the manner and conditions under which such work may be performed.
- Summarize key points in being a safety change agent in your workplace.
- Outline steps to ensure better fall protection.
- List most common types of fall scenarios and realistic ways to prevent these falls.
- List causes of workplace accidents and strategies to prevent them.
- Discuss and describe the risks and hazards of trenching and excavation.
- Review OSHA requirements and means of mitigating risks.
- Summarize practical safety measures to ensure worker safety in trenches and excavations.
- Recognize hazards on various types of scaffold.
- Recall that safety communication involves both how to give and receive feedback.
- Explain safety and health requirements when employing temporary workers, according to OSHA’s Initiative to Protect Temporary Workers.
- List safety measures that can be incorporated into the construction process, rather than added when the hazard arises.
- Distinguish safe hearing habits in various environments in order to prevent worker hearing loss.
- Summarize OSHA updates and how they affect employers in Iowa.
- Explain the validity of urine drug testing for the workplace.
- Review observable signs and symptoms associated with drug and alcohol misuse.
- Describe how to document and respond to a drug use reasonable suspicion situation in the workplace.
- Recall regulations and standards for confined space entry to determine the need for standby rescue teams.
- State dangers of work zones and hazards created by the public moving around the work zone area.
- Identify strategies for mitigating workers compensation and litigation costs and exposures for accidents that have occurred within a work zone.
- Discuss “hot work” loss lessons, training opportunities, and how to have effective project management for “hot work”.
- Summarize why Lockout/Tagout is important, as well as the requirements for compliance with OSHA standards.
- Summarize best practices for rigging safety.
- Summarize tips for welcoming an injured worker back into the workplace.
Opening Keynote • Exhibit Hall • 8:30 a.m. to 9:15 a.m.
A Culture of Safety Excellence
David Crouch, MSOD - Senior Consultant, Caterpillar Safety Services
As a Caterpillar Safety Services consultant, David works with employees at all levels of organizations pursuing zero-incident safety performance. His passion for excellence and value-driven approach enable him to relate to most anyone in any environment pursuing excellence as a chief aim. David’s “Culture of Safety Excellence” presentation addresses the traditional incident reaction cycle, why injuries happen, and the six criteria for safety excellence.

Lunch Keynote • Exhibit Hall • 12:00 p.m. to 12:45 p.m.
What is Safety?
Chuck Goodman - Area Vice President & Loss Control Representative, Arthur J. Gallagher & Co.
Taking a humorous approach to identifying the causes of accidents, Chuck Goodman addresses the role that distractions, boredom, inattention, complacency, resistance to change, and other factors play in causing accidents. Chuck will engage the audience and challenge them to commit to safety as they leave the conference and return to work.

Closing Keynote • Exhibit Hall • 3:30 p.m. to 4:30 p.m.
How an Instant Can Change Your Life Forever
Alex Watters, Spinal Cord Injury Survivor
Iowa native, Alex Watters, will tell his story of his spinal cord injury while giving important safety messages. During his freshman year of college, Alex had an accident that left him as a quadriplegic - paralyzed from the chest down with limited use of his arms and hands and using a wheelchair for mobility. Alex will speak about: how his injury could have been prevented had he applied basic safety principles, how much his life has changed as a result of his injury, tips for welcoming an injured worker back to work and “normal” life, and the importance of personal lifestyle affecting work.
Infection Control Risk Assessment in Health Care Facilities
Travis Parsons  Coral Grand Salon A
There is constant construction, renovation, and maintenance activities taking place in health care facilities across the country and patients in these facilities are often immunocompromised and at a higher risk for nosocomial or “hospital-associated” infections (HAI). To help decrease the prevalence of these occurrences, the Infection Control Departments, Facilities Departments, Project Managers, and Construction Contractors are responsible to integrate infection prevention and control principles throughout the planning, managing, and completion of each project. This session will describe an ICRA process from a construction management perspective. It will focus on construction workers’ roles and best practices as part of an ICRA team. This session will also describe how to use an industry-recognized ICRA matrix of precautions for construction and renovation work.

Ergonomics and Soft Tissue Injury
Dan Fog, DPT  Coral Grand Salon B
Ergonomics is the science of fitting or matching the job to the worker. When there is not a match, musculoskeletal disorders (MSDs) occur and are costly to both the worker and the employer. Multiple risk factors are involved for both the worker and the workplace. Listen to Dan as he shares multiple studies and examples of ergonomic results and solutions to support the need to match the worker and the job.

Total Worker Health™
Diane Rohlman  Coral Grand Salon C
Total Worker Health™ is a strategy integrating occupational safety and health protection with health promotion to prevent worker injury and to advance health and well-being. Today, emerging evidence recognizes that both work-related factors and health factors beyond the workplace jointly contribute to many safety and health problems that confront today’s workers and their families.

Arc-Flash NFPA 70E - 2015 Updates
Brandon Schroeder  Coral Grand Salon D
Arc-Flash NFPA 70E - 2015 Updates is a session developed to provide workers with a better understanding of the hazards associated with working on or near energized electrical equipment and circuits, and the manner and conditions under which such work may be performed. It will introduce concepts that have developed over many years and are drawn from industry practice, national consensus standards, and federal electrical safety requirements.

Establishing & Maintaining Positive a Safety Culture
Kurt Tjelmeland  Coral Grand Salon E
T & K Roofing & Sheet Metal Company, located in Ely, Iowa, has received local and regional recognition for their safety program, particularly for having an exceptional safety record. Kurt will share his insights into being the change agent behind a safety program, as well as the experiences that worked well in his organization.

Fall Protection 101
Chris Dickey  Outside Exhibit Hall
As one of the most costly workers’ compensation injuries, a fall on the job-site could have major ramifications for both the employee and the employer. This breakout will cover calculating fall clearance, how to become OSHA compliant, importance of a quick safe rescue, how to properly wear harness and equipment, and how to inspect all equipment. Watch as Chris performs a simulated drop test demonstrating the amount of force generated on the body if a fall occurs.
Fall Protection
Travis Parsons
Coral Grand Salon A

Unfortunately, year after year, falls are the leading cause of death on construction. They account for one-third of on-the-job injury deaths in the industry. More than 200 U.S. construction workers are killed and over 10,000 are seriously injured by falls annually. Many, if not all of these deaths were preventable. Falls can be prevented and lives can be saved through proper planning, implementation of best practices, and proper training. This session will describe ways to help construction workers and employers prevent falls. The goal is to raise awareness among workers and employers about the most common types of fall scenarios and introduce realistic ways to prevent them. There is also an ongoing national campaign that is being collectively promoted by the Occupational Safety and Health Administration (OSHA), The National Institute for Occupational Safety and Health (NIOSH), the CPWR – The Center for Construction Research and Training, and many other industry leaders that will be highlighted during this session.

Trenching & Excavation Safety
Vern Schaefer, PhD, PE
Coral Grand Salon B

Professor of civil, construction and environmental engineering, and licensed Professional Engineer, Vern Schaefer, will discuss best practices for trenching and excavation safety. The risks and hazards of trenching and excavation will be described and discussed. OSHA requirements for protective systems and means of mitigating risks will be reviewed. Practical safety measures to ensure worker safety in trenches and excavations will be discussed.

Scaffolding User Hazard Awareness Training
Andy Weber
Coral Grand Salon C

The Scaffold User Awareness Training Program is designed to help the scaffold user recognize the hazards on various types of scaffold. This course is designed for works that do any type of scaffold erection.

Speak Up! Listen Up! Safe Communication
Zach Knopp
Coral Grand Salon D

This presentation will help employees learn effective communication: how to give and receive feedback; how to focus on the message, not the messenger; and how each employee is able to contribute to workplace safety when listening and responding to another. While “Speak Up!” focuses on the do’s and don’ts of giving important guidance, “Listen Up!” provides the essentials of receiving input and responsive listening. Speak Up! Listen Up! Combo addresses both sides of the coin in terms of safety feedback.

OSHA’s Temporary Worker Initiative
Jen Wilken
Coral Grand Salon E

Launched in 2013, OSHA’s Initiative to Protect Temporary Workers is having a major impact on companies employing temporary workers. The initiative focuses on compliance with safety and health requirements when temporary workers are employed under the joint (or dual) employment of a staffing agency and a host employer. Relevant to all industries, this presentation would review reasons such an initiative was and still is necessary, its impact on host employers and staffing agencies, how businesses who utilize temporary staffing can maximize that relationship to ensure compliance with OSHA’s recommendations, and best safety practices for working with temporary workers.
Foundational Aspects of Safety Pre-Planning  
Terry Klingele  
Terry Klingele - Safety Manager, Chicago Operating Group, Mortenson Construction

Safety is most effectively addressed before the project begins... that way, safety measures can be incorporated into the construction process, rather than be viewed as an added burden when the hazard arises. Participants at this session will learn how to recognize the hazards associated with each phase of construction project and effectively pre-plan so the hazards can either be eliminated or smoothly controlled, and in turn, lead to ZERO injuries!

Hearing Conservation  
UI S.A.F.E.  
University of Iowa S.A.F.E. (Sound Awareness for Everyone)

Hearing conservation is the auditory equivalent of brushing to protect your teeth or putting on sunscreen to protect your skin. Taking steps to protect your hearing today will help guard against hearing loss in the future. Either by wearing hearing protection or limiting the amount of time you spend in the presence of excessive sound, hearing conservation is a daily routine that should be practiced regularly. This presentation will aim to increase the awareness of safe hearing habits while educating about how various environments can affect a person’s hearing, and help you develop an understanding of how hearing loss can be prevented.

OSHA Updates  
Michael Whitmore  
Michael Whitmore - Compliance Assistance Specialist, OSHA

What are the local and national OSHA emphasis programs? Partake in this breakout to learn what the focus areas are on both a local and national level. Also, learn what the top 10 OSHA citations are and how you and your employer can work to improve or avoid them.

Workplace Drug Recognition  
Lisa Kriz, RN, CPCT, BAT  
Lisa Kriz, RN - Drug & Alcohol Testing Coordinator, Wheaton Occupational Medicine & Wellness

This session satisfies the State of Iowa’s code 730.5 requirement for mandatory annual training of supervisory personnel that are in the position of determining the need for reasonable suspicion testing of their employees. Topics to be discussed include: explaining the validity of urine drug testing, reviewing observable signs and symptoms associated with drug and alcohol misuse, viewing examples of drug paraphernalia, and describing how to document and respond to a reasonable suspicion situation. Certificate of Training will be provided via email to each participant post-event (with attendance to entire session).

Rescue & Confined Space Team Training  
Andy Hall  
Andy Hall - Vice President of Operations, Tactical Safety Solutions, LLC

This session will cover the regulations and standards on confined space entry to help you determine your needs for “standby rescue teams”..... This will allow you to know your risks with using local municipal/fire departments versus third-party rescue.
Public Protection Around Work Zones
Justin Slapnicka, CSP
Safety Manager, Iowa City Office, Mortenson Construction
This session is focused on the dangers of work zones and hazards created with the public moving around work zone areas. Preventing both parties from suffering the consequences of an accident is critical for any work with public exposure.

Liability in the Work Zone: Strategies for Mitigating Workers Compensation & Litigation Exposures and Costs
Maggie Bennett, JD
Vice President, General Counsel, RoadSafe Traffic Systems, Inc.
There’s been an accident in your work zone. What now? This session will provide strategies for mitigating workers compensation and litigation costs and exposures.

Don’t Get Burned by Hot Work - Project Management and Hot Work Management
Paul Roth & Tom Lauer
Assistant Vice President/Senior Account Engineer, Factory Mutual Global
Senior Engineering Specialist, Factory Mutual Global
Factory Mutual Global (FM Global) loss history shows there is no industry or type of facility that is immune to this hazard. Over the past 15 years, one out of every 20 fire losses reported by FM Global clients was started by improperly managed hot work, and each one was preventable. Paul and Tom will discuss loss lessons, training opportunities, and answer your questions about best practices involving hot work management.

Lockout/Tagout - Electrical Safety in the Workplace
Jay Whitaker
Product Manager, Panduit Safety Solutions
Lockout/Tagout continues to be one of the most frequent OSHA citations in the industry. A Lockout/Tagout system is essential to any organization’s safety program - preventing injuries/fatalities. However, an outdated or incomplete Lockout/Tagout program can cost a company not only increased risk of injury to employees, but also increased downtime. This course will provide best practice energy control strategies for an effective Lockout/Tagout program at your facility.

Rigging
Floyd Sauter
Project Manager & Safety Director, Calacci Construction
Communication is vital for safety among a rigging crew while lifting devices and moving equipment. Listen to industry expert, Floyd Sauter, as he shares his thoughts on the best rigging safety practices.