SlipNOT® manufactures slip resistant metal flooring products that are designed to increase safety and decrease your risk exposure.

Slip NOT® Metal Safety Flooring products may be covered by one or more of the following patents: 5,711,119, 6,839,951 and 6,863,932.
THE ODDS ARE IN YOUR FAVOR AT...

Excellent speakers, top-notch networking, and the opportunity to learn about the latest safety management techniques and strategies from industry leaders.

WIN BIG WITH SAFETY 2013

There is no better place than Safety 2013 to successfully maximize your performance in the SH&E profession. The conference has targeted educational sessions divided into distinct topic tracks and experience levels. Each session, led by leaders and innovators in the field, provides practical education, best practices, and knowledge to build your SH&E expertise and advance your success. We hope you'll join your colleagues for three days of education and networking about the continuing evolution of the SH&E profession.

Adding to the industry’s signature event is the Safety 2013 exposition, with more than 500 exhibitors showcasing the latest SH&E resources. Turn to page 44 for more information.

REGISTER TODAY!

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## Conference & Exposition At-A-Glance

### Registration Hours

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### Friday, June 21 - Monday, June 24

- 7:00AM - 7:45AM Pre-Conference Registration Open
- 8:00AM - 4:30PM Pre-Conference Safety Training Seminars*

### Monday, June 24

- 7:30AM ASSE Foundation Golf Outing*
- 8:00AM - 4:30PM Pre-Conference Safety Training Seminars*
- 10:00AM - 3:00PM Academic Forum
- 10:00AM - 3:00PM Career Center Open
- 10:00AM - 5:30PM Safety 2013 Conference Registration Open
- 10:00AM - 5:30PM Service Center Open
- 12:00PM - 3:30PM House of Delegates Membership Meeting
- 2:00PM - 3:00PM New Attendee Orientation
- 3:00PM - 5:30PM Kick-Off Welcoming Reception / Exposition Open

### Tuesday, June 25

- 6:30AM - 5:45PM Safety 2013 Conference Registration Open
- 6:30AM - 5:45PM Service Center Open
- 7:30AM - 9:00AM Opening General Session, Peter Sheahan
- 8:30AM - 5:30PM Career Center Open
- 9:00AM - 10:30AM Expo Exclusive Time
- 9:00AM - 3:00PM Exposition Open
- 9:30AM - 11:30AM Student Roundtables
- 10:30AM - 11:45AM Concurrent Educational Sessions (Period I)
- 11:45AM - 12:30PM Complimentary Conference Luncheon
- 11:45AM - 1:00PM Chapter Recognition Luncheon*
- 12:30PM - 1:00PM Expo Exclusive Time
- 1:00PM - 2:00PM Plenary Session, David Michaels, Ph.D. invited
- 2:00PM - 3:15PM Expo Exclusive Time
- 3:15PM - 4:15PM Concurrent Educational Sessions (Period II)
- 4:30PM - 5:30PM Concurrent Educational Sessions (Period III)

### Wednesday, June 26

- 6:30AM - 5:45PM Safety 2013 Conference Registration Open
- 6:30AM - 5:45PM Service Center Open
- 7:30AM - 9:00AM General Session, Richard Rumelt
- 8:30AM - 5:30PM Career Center Open
- 9:00AM - 10:30AM Expo Exclusive Time
- 9:00AM - 3:00PM Exposition Open
- 10:30AM - 11:45AM Concurrent Educational Sessions (Period IV)
- 11:45AM - 12:30PM Complimentary Conference Luncheon
- 11:45AM - 1:00PM COPS Awards Luncheon*
- 12:30PM - 1:00PM Expo Exclusive Time
- 1:00PM - 2:00PM Concurrent Educational Sessions (Period V)
- 2:00PM - 3:00PM Expo Exclusive Time
- 3:00PM - 4:15PM Concurrent Educational Sessions (Period VI)
- 4:30PM - 5:30PM Concurrent Educational Sessions (Period VII)

### Thursday, June 27

- 7:00AM - 3:15PM Safety 2013 Conference Registration Open
- 7:00AM - 4:45PM Service Center Open
- 7:00AM - 3:30PM Career Center Open
- 7:45AM - 9:00AM Executive Summit
- 9:15AM - 10:15AM Concurrent Educational Sessions (Period VIII)
- 10:45AM - 12:00PM Concurrent Educational Sessions (Period IX)
- 12:00PM - 1:30PM Conference Luncheon & Program* (continues Friday)
- 12:00PM - 5:00PM International Society for Fall Protection Symposium* (continues Friday)
- 1:45PM - 2:45PM Concurrent Educational Sessions (Period X)
- 3:00PM - 4:00PM Concurrent Educational Sessions (Period XI)

### Friday, June 28 – Sunday, June 30

- 7:00AM - 7:45AM Post-Conference Registration Open
- 8:00AM - 4:30PM Post-Conference Safety Training Seminars*

*Additional fee and/or pre-registration required.
MONDAY | JUNE 24

ACADEMIC FORUM*
Sponsored by the Academics Practice Specialty
10:00AM - 3:00PM

The 2013 Academic Forum will discuss the value of SH&E education and the Academics Practice Specialty to SH&E professionals with a focus on research curriculum and experiential learning. Eligible attendees include academicians and members of the Academics Practice Specialty.

10:00AM - 10:05AM
Opening Remarks
Mike O’Toole & Leigh Ann Blunt

10:05AM - 10:45AM
Developing a Framework for Comprehensive Assessment of the OSH&E Program Outcomes
Lu Yuan, Sc.D.

10:45AM - 11:25AM
Implementation & Assessment of Universal Design for Learning Concepts & Guidelines in a Graduate Hybrid System Safety Course
Hamid Fonooni, Ph.D., CPE

11:25AM - 12:05PM
International Safety & Health Master of Science Curriculum
Mark Friend, Ed.D., CSP

12:05PM - 1:00PM
Brown Bag Lunch & Learn
Publication Ethics: Quality Over Quantity
Mike Behm, Ph.D., CSP

1:00PM - 1:40PM
Studying the Need for Interpersonal Communication (IPC) Skills Among SH&E Professionals & Reviewing SH&E Academic Curricula for IPC-Related Courses
Friederike Doerstling & Jonathan Klane, M.S.Ed., CIH, CHMM, CET

1:40PM - 2:20PM
A Research-Based Curriculum in Leadership, Ethics & Protocol for Safety Management & Engineering Students
Alexis Williams, Matthew Heafey, CSP & Gary Winn, Ph.D., CHST

2:20PM - 3:00PM
Use of Benchmarking to Identify Areas for Continuous Improvement Among ABET-Accredited Occupational Safety & Health Educational Programs
Aaron Bird, Melissa Sawa & Charles McGlothlin, PE.

3:00PM
Closing Remarks
Mike O’Toole & Leigh Ann Blunt

ASSE FOUNDATION GOLF OUTING
Monday, June 24
Join your peers and industry partners for a round of golf. Enjoy a day of first-class networking and friendly competition while supporting your industry. The proceeds support the ASSE Foundation.

$160 per player

Price includes green fee, cart rental, range balls and lunch. Prizes will be awarded for the top three teams and other activities such as longest drive and closest to the pin. Call 847.699.2929 to register or add it to your registration form.

7:30AM
ASSE Foundation Golf Outing*

8:00AM - 4:30PM
Pre-Conference Safety Training Seminars*

10:00AM - 3:00PM
Career Center Open

10:00AM - 5:30PM
Safety 2013 Conference Registration Open

10:00AM - 5:30PM
Service Center Open

12:00PM - 3:30PM
House of Delegates Membership Meeting

2:00PM - 3:00PM
New Attendee Orientation

3:00PM - 5:30PM
Kick-off Welcoming Reception/Exposition Open

*Additional fee and/or pre-registration required.
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Exposition Sponsor

ISHV
TUESDAY | JUNE 25

OPENING GENERAL SESSION

7:30AM - 9:00AM
Creative Strategies for Turning Challenge Into Opportunity and Change Into Competitive Advantage

Peter Sheahan

Peter Sheahan is known internationally for inspiring innovative business thinking and creating lasting behavioral change. He will inspire you to take intelligent risks, turn chaos into opportunity, and find new and better ways to do what you do best. Break free from what made you successful in the past to continue growing your success in the future.

PLENARY SESSION

1:00PM - 2:00PM
Occupational Safety & Health Discussion

David Michaels, Ph.D.
Assistant Secretary of Labor for Occupational Safety and Health (invited)

Dr. David Michaels will share his insights with conference attendees, addressing the key issues and concerns of SH&E professionals.

6:30AM - 5:45PM
Safety 2013 Conference Registration Open

6:30AM - 5:45PM
Service Center Open

7:30AM - 9:00AM
Opening General Session, Peter Sheahan

8:30AM - 5:30PM
Career Center Open

9:00AM - 10:30AM
Expo Exclusive Time

9:00AM - 3:30PM
Exposition Open

9:30AM - 11:30AM
Student Roundtables

10:30AM - 11:45AM
Concurrent Educational Sessions (Period I)

11:45AM - 12:30PM
Complimentary Conference Luncheon

11:45AM - 1:00PM
Chapter Recognition Luncheon*
Sponsored by UL PureSafety

12:30PM - 1:00PM
Expo Exclusive Time

1:00PM - 2:00PM
Plenary Session, David Michaels, Ph.D. invited

2:00PM - 3:15PM
Expo Exclusive Time

3:15PM - 4:15PM
Concurrent Educational Sessions (Period II)

4:30PM - 5:30PM
Concurrent Educational Sessions (Period III)

KEY LEVEL DESCRIPTIONS

(B) Two to five years of experience is identified as basic
(I) Six to 10 years of experience is identified as intermediate
(A) 10 years plus of experience is identified as advanced
(E) Executive level sessions

*Additional fee and/or pre-registration required.
CONTINUING EDUCATION CREDIT

IACET CEUs
ASSE has been accredited as an Authorized Provider by the International Association for Continuing Education and Training (IACET), 1760 Old Meadow Road, Suite 500, McLean, VA 22102. In obtaining this approval, ASSE has demonstrated that it complies with the ANSI/IACET Standard which is recognized internationally as a Standard of good practice. As a result of their Authorized Provider accreditation status, ASSE is authorized to offer IACET CEUs for its programs that qualify under the ANSI/IACET Standard.

Full Conference 1.8
• Full Conference without Thursday lunch 1.7
• Tuesday only - .5
• Wednesday only - .6
• Thursday only - .6
• Thursday lunch only - .1
• Thursday - Friday ISFP Symposium - .8

BCSP Recertification Points
For Board of Certified Safety Professionals (BCSP) Recertification points, ASSE awarded CEUs are equivalent in value (e.g., 1.0 CEU = 1.0 Recertification Point).

ABIH CM Points
ABIH has previously awarded CM credit for ASSE’s Professional Development Conference. This event may be eligible for ABIH CM credit. See the ABIH website CM credit criteria.

IHMM CMPs
To determine the number of CMPs a CHMM may claim visit the IHMM website, www.ihmm.org.

PROGRAM DISCLAIMER
ASSE will make every effort possible to avoid changes to the program and events, however, some changes may occur due to unavoidable circumstances or when deemed in the best interests of delivering the best program possible. ASSE reserves the right to make changes it deems necessary.

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501 Are You Promotable? Building Your Interpersonal Skills Tool Kit (I-A)
Sponsored by the Human Resources Branch of the Management Practice Specialty and the Consultants Practice Specialty
Robert F. Pater, SSA/MoveSMART®, Portland, OR

502 How to Sell Safety to Difficult Employees and Managers (I)
Sponsored by ClickSafety and the Consultants Practice Specialty
Julius E. Rhodes, SPHR, mpr group, Chicago, IL

Sponsored by the Council on Practices and Standards and the Construction Practice Specialty
Jerry E. Rivera, NECA, Bethesda, MD

504 The Power of Water: Assessing Your Risk of Water Related Perils and Formulating a Response Plan (I)
Sponsored by the Water Practice Specialty
Angela M. Fuqua, P.E., CSP, CFPS, ARM, CPCU, Chubb Group of Insurance Companies, Rockwall, TX

505 Strategies & Skills For Preventing Both Hand Injuries and Strains/Sprains (A)
Sponsored by the Oil & Gas Practice Specialty
Kumar (Chris) Israni, ERM Americas Risk Practice, Houston, TX

506 Combustible Dust... Elements of Dust Hazard Assessment (B-I)
Sponsored by the Chubb Group of Insurance Companies and the Fire Protection Practice Specialty
Scott Harris, UL PureSafety, Franklin, TN

507 OSHA in Healthcare: Have We Finally Got Their Attention? (B, I, A, E)
Sponsored by the Healthcare Practice Specialty
Robert F. Pater, SSA/MoveSMART®, Portland, OR

508 Would You Watch Out For My Safety - A Leadership Perspective (B-I-A-E)
Sponsored by the Oil & Gas Practice Specialty and the Training & Communications Branch of the Risk Management/Insurance Practice Specialty
John W. Drebinger, Jr., C.Ht., CSP (Certified Speaking Professional), John Drebinger Presentations, Galt, CA

509 Practical Steps for Addressing Fitness-For-Duty (I)
Sponsored by the Oil & Gas Practice Specialty
Fred H. Kohanna, M.D., MBA, FACOEM, AIOnE Health Resources, Woburn, MA

510 International Safety Management Issues
510-a In Search of the Magic Bullet or 'The Safety Manager and the Chamber of Secrets' (I)
Sponsored by the International Practice Specialty

510-b Effects of Human Factors on the Reliability of Safety Critical Tasks & Elements (I)
Sponsored by the Management Practice Specialty

511 Enhancing Safety Barriers for the Next Generation of GOM Drilling MODUs (A)
Sponsored by the Oil & Gas Practice Specialty and the Training & Communications Branch of the Risk Management/Insurance Practice Specialty
Yaneira E. Saud, CSP, ERM Americas Risk Practice, Houston, TX; Kumar (Chris) Israni, ERM Americas Risk Practice, Houston, TX
512 I2P2 - How Does the California Experience Impact the Federal Debate? (I)
The California Injury Illness and Prevention Program ("I2P2") has been in existence since 1991. Safety professionals should understand the lessons learned from California and how its program could impact the federal I2P2 regulation—including the types of legal challenges that succeed or fail when employers contested California IIPP citations. Matthew T. Deebach, J.D., Haynes and Boone, LLP, Houston, TX; Katie G. Chatterton, J.D., Haynes and Boone, LLP, Houston, TX

513 Risk Assessment - The Missing Link for EHS Professionals (A-E)
Sponsored by the International and Risk Management/ Insurance Practice Specialties
This session will examine the UK/EU approach to risk assessment, which is a legal requirement, unlike in the USA. The session will highlight risk assessment procedures and practices, and will demonstrate a quantitative methodology for risk assessment linked to control actions and timescales. Lawrence Bamber, CFIO5H, FIRM, BSc, Risk Solutions International, Poynton, Cheshire, United Kingdom; John F. Stevens, MASSE, CMIO5SH, FCI5PD, MIRM, RSP (UK), MIIR5M, Risk Frisk Ltd., Hatfield, Hertfordshire, UK

514 So You’re Retired? Not So Fast - Attacking Injuries of an Aging Workforce (I-A)
Sponsored by the Business of Safety Committee and the Risk Management / Insurance Practice Specialty
According to a recent AARP study, 70% of workers report they plan to work past retirement or never retire. Clearly, the aging workforce is upon us and as safety professionals we must look critically at this problem. This session will explore solutions of workstation design and task assignments that consider the effects of age such as slower cognitive speed and decision making, decreased strength and agility, and slower recovery time. William T. Spiers, CSP, Lockton Companies, LLC, Charlotte, NC

515 Complacency: The Silent Killer (B-I-A)
Sponsored by the Consultants Practice Specialty and the Human Resources Branch of the Management Practice Specialty
How often is complacency involved in accidental injuries and fatalities—how high a percentage is it? In the majority of injuries, complacency plays a part, often a significant one. But what can be done to fight it? Let’s face it, complacency makes it easier for people to take their eyes and mind off the task at hand. Learn what you and your organization can do to efficiently minimize the effects of complacency in your workplace. Larry Wilson, SafeStart®, A Division of ElectroLab Ltd., Belleville, Ontario, Canada

516 DIY BBS - Making It Work on a Global Scale (I)
Sponsored by the Human Resources Branch of the Management Practice Specialty
This presentation will discuss how a multinational firm launched their global behavior-based safety initiative. Challenges and limitations of the approach, working with various languages and cultures, and logistical elements will be addressed. Examples will be provided of assessment tools to evaluate program implementation effectiveness and lessons learned. Rene E. Hilgeman, CSP, ARM, Aon, Minneapolis, MN; Kevin M. Beaey, TE Connectivity, Middletown, PA

517 Where Are All The Leaders? (I-E)
This session will give attendees the vision to engage their business and operational leaders actively and energetically leading the safety and health activities in their organizations. The outcome should have everyone at Safety 2013 looking for the answer to the question, “WHERE ARE ALL THE LEADERS?” Daniel R. Nobbe, Fiberteq, LLC, Danville, IL; Michael A. Yusko, CSP, Fiberteq, LLC, Danville, IL

518 Effectively Addressing Unexpected Fall Protection Needs (B)
Sponsored by the Construction Practice Specialty
While it’s best to work through a coordinated, proactive fall protection program, it is also important to react appropriately when an unanticipated issue surfaces. This presentation will provide a summary of options to consider when planning methods to address unexpected fall protection needs. Nolan W. Miller, P.E., CSP, LJB, Inc., Lima, OH

519 Lockout/Tagout and Machine Guarding - The “Minor Servicing” Exception (B-I-A)
Sponsored by the Consultants Practice Specialty
Do you think you understand everything there is to know about LOTO? Even seasoned professionals can get tripped up on how to apply the “minor servicing” exception. This session examines the relation of LOTO, Electrical Safety, and Machine Guarding. The session will go beyond the standard into the Compliance Directive and case studies. Deborah B. Shewitz, CSP, Shewitz Consulting, LLC, Cleveland Heights, OH; Carol J. Robinson, CSP, CIH, STC, Inc., Oakland, CA

520 The Safety Journey of an Arc Flash Survivor (Human Behaviors and Hazard Recognition) (A-E)
Sponsored by Westex
This session will share the presenter’s journey to recovery from severe injuries suffered in an electrical arc flash. This compelling story will inspire, educate and empower the audience to understand human performance and recognize hazards on their journey to an injury-free work place. Rodney Walker, Walk Safely Training Group, LLC, Wayne, PA

521 Gas Detection - Principles, Applications and Importance for Safety Management (B)
This session outlines the principles, applications and best practices of gas detection as applied to safety, health and environmental (SH&E) professionals. Most commonly used gas detection technologies will be covered with advantages and limitations of each technique for specific applications. Prabhu Soundararajan, RAE Systems, Inc., San Jose, CA; Bobby Sheikhan, RAE Systems, Inc., San Jose, CA

522 Spanish Session
10 Reasons for Implementing Prevention through Design in Construction Projects - 10 Motivos por los que la Prevención debe Comenzar desde el Proyecto de Construcción
La gestión de la prevención en las obras de construcción en España presenta evidentes signos de estancamiento que parecen estar más relacionados con el formalismo y la ausencia de innovación de los que adolecen, con carácter general, las actuaciones de los agentes implicados en la misma que con la crisis económica y de actividad que sufre el sector. Ante esta situación, el presente artículo analiza la influencia que las decisiones tomadas en el proyecto guardan con la siniestralidad laboral de las obras y las diferencias entre la regulación de la gestión preventiva a llevar a cabo en dicha fase en los ámbitos comunitario y español. Así mismo, se recopilan diversas iniciativas internacionales en relación con el concepto de “Prevención a través del Diseño” (PtD) basadas en la anticipación de la gestión de los aspectos preventivos a las etapas más tempranas del proceso. Carlos Arevalo Sarrate, Ph.D., Polytechnic University of Madrid - School of Civil Eng., Channels & Ports, Madrid, Spain

523 Key Issue Roundtable #1
Fatigue in Transportation: Latest in Regulations & Research
Sponsored by the Transportation Practice Specialty
It’s your chance to SPEAK UP! Do you have a lesson learned to share with fellow professionals? Are you looking to meet with others with mutual interests? This Key Issue Roundtable will be hosted by the ASSE Transportation Practice Specialty in an area of its particular expertise.
526 Delivering Messages to Your Board in a Way that will Ensure They will Listen (B-I-A-E)
Can SH&E professionals help management better understand the need and benefits of managing SH&E risks? How well equipped are SH&E professionals to persuade and influence management to focus on SH&E? This session will enable professionals to enhance their existing skills plus learn new skills to address this important area.
Subash Ludhra, CFIOHS, Institution of Occupational Safety and Health (IOSH), Wigston, Leicester, United Kingdom

527 Top 10 OSHA Citations Under the New Crane Standard and How to Avoid Them (I)
The new crane rule is in effect. A few areas have attracted the most attention from OSHA. This session presents a list of the top ten OSHA citations under the new rule. For each category, the specific requirements and methods to comply with the rules will be provided.
William (Bill) F. Davis, CSP, Zurich, Richmond, VA

528 CORESafety: A New Direction in U.S. Mine Safety & Health Management (I)
Sponsored by the Mining Practice Specialty
This session will summarize the background, development, implementation status and challenges associated with CORESafety, the largest safety and health management initiative in U.S. mining history.
Bruce Watzman, National Mining Association (NMA), Washington, DC

529 Plant Emergency Organizations - Achieving a Positive Outcome When an Emergency Occurs (B-I-A)
Plant Emergency Organizations / Fire Brigades can be a vital element in the successful outcome of an emergency situation. This presentation will review the types of internal teams and organizations, as well as determining the scope of your team’s responsibilities based on the hazards present and available municipal resources.
Frank E. Baker, CSP, CFPS, ALCM, Eastern Alliance Insurance Group, Noblesville, IN; Jeffrey L. Robinson, PE, CSP, Robinson Risk Consulting, Aiken, SC

530 Brave the Storm: Managing Storm-water Pollution and Reducing Environmental Impact (B-I-A-E)
Sponsored by the Environmental Practice Specialty
This session will provide an overview of why storm-water management has become an elevated environmental concern and how it can affect your organization. The session will highlight the dynamics of storm-water pollution, regulatory requirements, and sustainable solutions to help you reduce your environmental impact.
Neil A. Feldscher, Esq., CSP, CIH, New York City Department of Environmental Protection, Corona, NY; Christopher C. Golden, CSP, New York City Department of Environmental Protection, Corona, NY

531 Reducing Risk in Paradise - Steps the Atlantis Resort Took to Improve Guest Safety (I)
Sponsored by the Service Branch of the Management Practice Specialty and the Risk Management / Insurance Practice Specialty
The Atlantis resort in The Bahamas is one of the world’s most beautiful places. Yet as with every hospitality venue hazards exist, so risks to guests need to be minimized. This presentation will colorfully illustrate the development of the resort’s new safety sign system that is doing a great job of reducing risk and protecting people.
Geoffrey M. Peckham, Clarion Safety Systems, Milford, PA; Ronald E. Smith, CPCU, ARM, AMIM, Kerzner International North America, Inc.

532 The Human Dynamics of Safety: 20 Safety-Management Errors with Simple Solutions (B-I-A-E)
Sponsored by ClickSafety
Maintaining zero injuries requires widespread improvement in the human dynamics of organizational culture. However, safety leaders make serious mistakes that thwart employee engagement and optimization. This evidence-based presentation will define 20 of these errors and offer practical ways to overcome them, thereby enabling the achievement of an injury-free workplace.
E. Scott Geller, Ph.D., Virginia Tech, Blacksburg, VA

533 What are the 85-3 Coalition and the Dangerous Decibels Program (I)
Sponsored by the Industrial Hygiene Practice Specialty
The OSHA PEL for noise is over 35 years old now, and a new movement the 85-3 Coalition has been formed in an effort to get companies to adopt a more protective criterion for noise exposure. The differences between the two and the need for change will be explained, as will a new teaching concept called Dangerous Decibels, which is used to teach school kids about the hazards of noise.
John C. Ratliff, MSPH, CSP, CIH, Self-employed, Beaverton, OR

534 Do You Know About the New Version of the EM 385-1-1 Manual for Construction Safety? (I-A)
Sponsored by ClickSafety and the Military Branch of the International Practice Specialty
This panel discussion addresses the upcoming changes to the U.S. Army Corps of Engineers manual, EM 385-1-1. Whether you want to know how these changes could affect your current business with the Corps, or you’re curious how and why the manual is used, this is the presentation for you.

535 OSHA Current Activities Update (B)
This session will update attendees on all of the new activities ongoing with OSHA in the areas of enforcement, standards development, cooperative programs, and various other informative OSHA activities. Attendees will gain insight into the key issues and challenges facing the profession from key OSHA officials.

536 Winning Ergonomics Strategies for Direct Delivery Employees (B)
Direct delivery companies face many unique and challenging ergonomic risks. Review how one company utilized a progressive, team-oriented approach to improve productivity, reduce losses and address job demands and organizational requirements associated with this line of work. Attendees will learn proven ergonomics interventions that can be used immediately.
Michael Belcher, CSP, DS Waters of America, Inc., Marietta, GA; Ronald W. Porter, Back School of Atlanta, Atlanta, GA

537 “What are the Odds” - The Probability of an Accident (I)
This session is designed to present an assessment of the probability of an event occurring that causes loss. It will examine our tolerance for risk and possible outcomes. For example, on a Saturday afternoon at a soccer game, clouds move in with the sounds of thunder but no lightning is visible. One coach calls the game but the other wants to keep playing. What risks are the coaches taking? When, if at all, should the coach call off the game? How does this carry over to work? When is risk tolerance too low or too high? Should we ever gamble?
Victor J. Sordillo, PE, CSP, Chubb Corporation, Whitehouse Station, NJ
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<tr>
<th>Session Number</th>
<th>Session Title</th>
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<td>538</td>
<td>Transformational Leadership - A Key Element in the Journey to World Class Safety (A-E)</td>
<td>Transformational Leadership is critical to engaging the workforce in achieving excellence in safety and other critical business functions. The concepts and principles of transformational leadership will be clearly described. Real world examples of the application of these concepts and principles along with hard number results will be presented. Richard D. Fulwiler, Sc.D., CIIH, CSHM, Technology Leadership Associates, Cincinnati, OH; Richard G. Gerlach, Ph.D., CSP, CIIH, CPEA, Cintas Corporation, Cincinnati, OH</td>
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<td>539</td>
<td>Health and Safety Management Systems - A Comparative Analysis of Content &amp; Impact (I)</td>
<td>Sponsored by the Engineering Practice Specialty Health and Safety Management Systems have become popular, but how do they compare to each other and to current activities? How is effectiveness measured and what does the best one look like? This session will answer these questions and help attendees determine which and if HSMS’s are right for them. Joel M. Haight, Ph.D., P.E., CSP, CIIH, NIOSH, Pittsburgh, PA</td>
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<td>540</td>
<td>Safety’s Impact on Sustainability (A)</td>
<td>Sponsored by UL PureSafety, the Business of Safety Committee and the International Practice Specialty This session provides real world insight on how safety is impacting sustainability within organizations. Case studies will be highlighted along with how an investor’s brand, competitive advantage, cost-efficiency and risk reduction are impacted by aligning safety and sustainability with business and operational strategies. Darryl C. Hill, Ph.D., CSP, ABB, Inc., Southfield, MI; Kathy A. Seabrook, CSP, CMIOSH, Global Solutions, Inc., Mendham, NJ</td>
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<td>541</td>
<td>Practical Approaches to Implementing a H&amp;S Management System: OHSAS 18001 &amp; ANSI Z10 (A)</td>
<td>Sponsored by the Standards Development Committee and the International Practice Specialty Are you interested in implementing an occupational health and safety management system (OHSMS) in your company or workplace? This presentation will provide practical input and implementation insights from two companies that have systems in place - Baxter International’s use of OHSAS 18001 and Nucor’s (largest US steel manufacturer) experience with ANSI Z10. Sharon D. Kemerer, MSN, COHN-S, Baxter Healthcare, Deerfield, IL; Robert T. Reeves, MPH, Nucor Steel, Inc., Marion, OH</td>
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<tr>
<td>542</td>
<td>Industrial Electrical Safety Inspections (I)</td>
<td>Sponsored by Westex and the Engineering Practice Specialty OSHA concluded that effective management of worker safety and health protection is a decisive factor in reducing the extent and the severity of work-related injuries. Electrical safety inspections must be conducted in order to verify full compliance with OSHA and NFPA electrical safety regulations and standards. Dennis K. Neitzel, CPE (Certified Plant Engineer), AVO Training Institute, Inc., Dallas, TX</td>
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<td>543</td>
<td>Bag of Tricks - Presentation Design 2 (B, I)</td>
<td>Sponsored by the Training and Communications Branch of the Risk Management/Insurance Practice Specialty So you survived Bags of Tricks: Presentation Design 1 and have found that you can no longer look at presentations the same way. But as much as you realized you have been shown a better way, you may still be struggling with how to make use of all that information. Have no fear that is where this session picks up. You’ll be taken to other places to see many great and marvelous things, and learn a few more things along the way on how to avoid the slow agonizing pain that is “Death by PowerPoint”. Don Weatherbee, Sika, South River, NJ</td>
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<td>544</td>
<td>Supervisors - Safety Asset or Liability (I)</td>
<td>Too often companies fail to recognize and utilize a critical component in the promotion of the safety process, front line supervisors. They have the greatest opportunity on a daily basis to affect safety performance and impact the bottom line. This session will explore the skills necessary for supervisors to be effective players in the overall safety process. Eddie Greer, CSP, OHST, STS, Board of Certified Safety Professionals (BCSP), Champaign, IL</td>
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<td>545</td>
<td>Safe Driving For Every Season (I)</td>
<td>It’s summer - kids in the streets. It’s autumn - school zones, buses and deer. It’s winter - holiday drinkers and snow. It’s spring - rain and increased traffic. All seasons present hazards that are challenging and dangerous. This presentation addresses these hazards and provides important information that will help drivers stay safe. Philip R. Moser, Advanced Driver Training Services, Trooper, PA</td>
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<td>546</td>
<td>Fundamentals of SH&amp;E: Overview of Regulatory Compliance 101A</td>
<td>This session will provide an overview of the regulatory process and basic compliance requirements as they relate to safety, health and the environment. Organization of government and how laws and regulations are created will be discussed. The basic contents of the OSH Act and key environmental laws and compliance regulations will be covered. Timothy R. Fisher, CSP, CHMM, ARM, CPEA, American Society of Safety Engineers (ASSE), Des Plaines, IL; Dennis Hudson, American Society of Safety Engineers (ASSE), Des Plaines, IL</td>
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<td>547</td>
<td>Key Issue Roundtable #2 Mentoring &amp; Coaching from the Common Interest Group (CIG) Perspective</td>
<td>Sponsored by the Blacks in Safety Engineering (BISE) and Young Professionals in SH&amp;E Common Interest Groups It’s your chance to SPEAK UP! Do you have a lesson learned to share with fellow professionals? Are you looking to meet with others with mutual interests? This Key Issue Roundtable will be hosted by the ASSE Blacks in Safety Engineering (BISE) and Young Professionals in SH&amp;E Common Interest Groups in areas of their particular expertise.</td>
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<td>548</td>
<td>Key Issue Roundtable #3 Overcoming Obstacles for Success: Consulting Survival</td>
<td>Sponsored by Complete Equity Markets and the Consultants Practice Specialty It’s your chance to SPEAK UP! Do you have a lesson learned to share with fellow professionals? Are you looking to meet with others with mutual interests? This Key Issue Roundtable will be hosted by the ASSE Consultants Practice Specialty in an area of its particular expertise.</td>
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<td>Authors/Speakers</td>
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<td>550</td>
<td>Driving Profitability While Protecting Your Employees’ Safety and Well Being (A)</td>
<td>Sponsored by the Construction Practice Specialty</td>
<td>Todd R. Hohn, CSP, UL PureSafety, Franklin, TN</td>
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<td>551</td>
<td>Tweet Your Way Through Your Next Crisis? Social Media and Crisis Communications (I-A)</td>
<td>Sponsored by the Chubb Group of Insurance Companies, the Consultants Practice Specialty and the Women in Safety Engineering (WISE) Common Interest Group</td>
<td>Pamela J. Walaski, CSP, CHMM, JC Safety &amp; Environment, Inc., Pittsburgh, PA</td>
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<td>552</td>
<td>Experience Modification Rates - An Accurate Measure of Safety Performance? (B-I-A-E)</td>
<td>Sponsored by the Chubb Group of Insurance Companies, the Consultants Practice Specialty</td>
<td>Richard S. Church, CSP, ARM, Aon Risk Solutions, Newport Beach, CA</td>
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<td>553</td>
<td>Safe Handling, Storage and Transportation of Compressed Gas Cylinders (I)</td>
<td>Sponsored by the Industrial Hygiene and Management Practice Specialties and the Women in Safety Engineering (WISE) Common Interest Group</td>
<td>Lori M. Carpenter, CSP, Airgas, Inc., Old Forge, PA; Robert S. Giannini, Airgas, Inc., Cheshire, CT</td>
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<td>554</td>
<td>Ergonomics &amp; the Mobile Environment (B)</td>
<td>Sponsored by the Ergonomics Practice Specialty and the Women in Safety Engineering (WISE) Common Interest Group</td>
<td>Anne (Tina) Minter, CSP, ARM, ALCM, Chubb Insurance, Milwaukee, WI</td>
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<td>555</td>
<td>Work Site Stretching Programs - Five Key Processes for Continuous Improvement (I)</td>
<td>Sponsored by the Chubb Group of Insurance Companies, the Consultants Practice Specialty</td>
<td>Fred S. Drennan, Team Safety, Inc., Ojai, CA</td>
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<td>556</td>
<td>An Introduction to Basic Exposure Assessment for the Safety Professional (B)</td>
<td>Sponsored by the Consultants Practice Specialty</td>
<td>Jerry A. Formisano, Jr., Ph.D., CSP, CIH, GKD Environmental Health Sciences LLC, Kailua, HI</td>
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<td>557</td>
<td>An Insight into Significant Challenges Faced by the SH&amp;E Profession - An International Prospective (I-E)</td>
<td>Sponsored by the International Practice Specialty</td>
<td>Ashok Garlapati, CSP, GEP &amp; Hamad Al-Kandari, Kuwait Oil Co, Ahmadi, Kuwait; Richard T. Cooper, MSc, CMIO SH, MASSE, Level 3 Communications, LLC, Trowbridge, Wiltshire, United Kingdom; Neil W. Dine, JP, FSIA, RSP (Aust), MASSE, Safety Institute of Australia (SIA), Greensvale, Victoria, Australia</td>
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<td>558</td>
<td>Surface Spills in Hydraulic Fracturing and Recommendations for Safety Management (I)</td>
<td>The potential for groundwater contamination resulting from surface spills at natural gas well sites remains largely uncharacterized. This session will address an analysis of data from spills in Weld County, CO with groundwater impact reported to Colorado in 2010, and 2011 identified opportunities for improved safety management of liquid materials on the surface. Jennifer Sahmel, MPH, CSP, CIH, ChemRisk, LLC, Boulder, CO</td>
<td>Jennifer Sahmel, MPH, CSP, CIH, ChemRisk, LLC, Boulder, CO</td>
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<td>559</td>
<td>10 Most Frequently Asked Questions About GHS and HazCom 2012 (B-I-A)</td>
<td>Sponsored by Grainger and the Industrial Hygiene Practice Specialty</td>
<td>Glenn D. Trout, MSDSonline, Chicago, IL; Chuck Haling, MSDSonline, Chicago, IL</td>
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<td>560</td>
<td>Risk Management and Its Impact on Environmental Health and Safety (I)</td>
<td>The further down the road safety professionals get to HazCom 2012 compliance deadlines, the tougher questions become. With the first deadline looming, we examine the 10 most frequently asked questions even smart, informed safety professionals have about HazCom 2012/ GHS adoption - spotlighting labels, SDSs, training and a live Q&amp;A session. Glenn McCarthy, EIO, Inc., Farmingdale, NY</td>
<td>Glenn McCarthy, EIO, Inc., Farmingdale, NY</td>
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<td>561</td>
<td>Risk Financing for the Loss Control Professional (B)</td>
<td>The insurance industry Workers’ Compensation Combined Ratio is now consistently over 100%. Guaranteed cost risk financing is becoming more costly as carrier capacity diminishes. Carrier and Broker loss control professionals need to have knowledge of the various risk financing mechanisms available and the implications in safety and risk management program development, funding and execution. This session will provide information and resources in risk financing mechanisms for all lines of coverage. Mark D. Oldham, CSP, Lockton Companies, LLC, Denver, CO</td>
<td>Mark D. Oldham, CSP, Lockton Companies, LLC, Denver, CO</td>
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**Tuesday, 4:30 PM-5:30 PM Period III**
562  Are We on the Path to Zero or Are We Kidding Ourselves? (A)
Sponsored by UL PureSafety
Many leading organizations have the explicit goal of Zero Injuries. Many also tell themselves that they are making steady progress toward that goal that they are on the path to zero. True, or are we deluding ourselves? If we are really on the path to zero, why do we see serious and fatal injuries level, while recordable injuries decline? Deep analysis and study of serious and fatal injuries finds that many basic safety systems are lacking at the same time that recordable injuries decline. This session will give an analysis of why this seemingly disparate data pattern persists, what it means, and what organizations need to do to address it.
Thomas R. Krause, Ph.D., Ojai, CA

563  Beyond Safety… Identifying and Overcoming the Barriers that Prevent Organizational Safety Performance Excellence (A-E)
Sponsored by the Consultants Practice Specialty
There are numerous tangible and intangible “organizational barriers” that can have a significant impact on organizational safety and health performance and a profound effect on the overall safety culture. These barriers are well beyond the immediate issues that typically cause workplace injuries, illnesses and deaths. We will discuss these significant “organizational barriers” along with the key strategies necessary to effectively overcome them.
Samuel J. Gualardo, CSP, National Safety Consultants, Inc., Salix, PA

564  The Evolution of Safety: What Your CEO Should Know (E)
Sponsored by UL PureSafety
The safety movement has evolved over the last 100 years improving safety, and yet we continue to experience fatalities. So what is next? We’ll explore the evolution of the safety movement and discuss what top management can do to improve employee safety and safeguard the corporation’s reputation.
Terrie S. Norris, CSP, ARM, CPSI, Bickmore Risk Services, Long Beach, CA

565  There Is No Glory In Fighting A Fire That Could Have Been Prevented (B-I)
Sponsored by the Engineering Practice Specialty
While we should never underestimate the importance of effective hazard control programs, there is simply no glory in controlling a hazard that could have been eliminated. This former Fire Chief and current Safety Professional will guide a discussion on the latest tool in the arsenal of the Safety Professional – the new ANSI/ASSE Z590.3 - 2011 PdD process and relate how it can be used with proper application of other accepted codes and regulations.
Paul W. Ganitt, CSP, Safety Compliance Management, San Ramon, CA

566  Grain Entrapment - A Study of Effective Solutions for Rescue (A-E)
Sponsored by the Agricultural Branch of the Environmental Practice Specialty
Fatalities from grain bin entrapments are on the rise. This presentation will offer video demonstration of specific solutions for finding, isolating and rescuing an entrapped worker from a bulk commodity container. Pre-planning with local agencies, regulatory compliance, simplicity and safety will be emphasized.
Loui H. McCurley, Vertical Rescue Solutions by PMI, Denver, CO

567  Safety Training and Education: Getting to the 21st Century (I-A)
Sponsored by ClickSafety, the Consultants Practice Specialty and the Training & Communications Branch of the Risk Management/Insurance Practice Specialty
How do we teach our employees, keep costs down and still bridge the knowledge gap? Attend this session to find out what is cheap, free and effective in today’s learning environment. Learn great tips and tricks to improve all your programs whether they are live, over the internet or in a webinar.
Regina C. McMichael, CSP, CET, The Learning Factory, Inc., Clemson, SC

568  Identifying and Changing Behaviors Responsible for Trucking Industry Injuries (I)
Sponsored by the Transportation Practice Specialty
This presentation will summarize a study of higher cost injuries for the trucking industry. The activities the workers were engaged in when they were injured will be summarized and action plans for behavioral observations and related control plans will be discussed using examples from large and mid-sized trucking companies.
Peter R. VanDyne, CSP, CFPS, Liberty Mutual Insurance, Milwaukee, WI

569  Laceration Cessation Through Safety Education (I)
This session will review the ANSI/ISEA 105-2011 and ASTM regulatory standards, providing hands-on training in selecting the proper hand protection for preventing cuts and lacerations. Attendees will learn to implement cut and laceration prevention programs that increase safety and productivity while reducing overall cuts and costs.
Matt Block, QSSP, Magid Glove & Safety, Chicago, IL

570  Fundamentals of SH&E: Hazard Identification and Control 101B
This session will address essential elements of hazard identification and how hazards can be defined, eliminated or controlled. The major sources of hazards; systematic methods of evaluating them; system safety concepts; accidents and incidents defined; and the fundamental elements of accident/incident investigations will also be covered.
David F. Coble, CSP, CTJ Safety Associates, Cary, NC

571  Key Issue Roundtable #4
Transitioning from Military to a Private Sector SH&E Career: Help & Hints
Sponsored by the Military Branch of the International Practice Specialty
It’s your chance to SPEAK UP! Do you have a lesson learned to share with fellow professionals? Are you looking to meet with others with mutual interests? This Key Issue Roundtable will be hosted by the ASSE Health & Wellness Branch and the Healthcare Practice Specialty in an area of its particular expertise.

572  Key Issue Roundtable #5
Tools to Engage Employees & Effectively Sustain Wellness Programs
Sponsored by UL PureSafety, the Health & Wellness Branch and the Healthcare Practice Specialty
It’s your chance to SPEAK UP! Do you have a lesson learned to share with fellow professionals? Are you looking to meet with others with mutual interests? This Key Issue Roundtable will be hosted by the ASSE Health & Wellness Branch and the Healthcare Practice Specialty in an area of its particular expertise.
NEW THIS YEAR!

RISK ASSESSMENT SESSIONS
Risk assessment is an important Society initiative and the following sessions incorporate significant elements of risk assessment principles. The sessions appear in a variety of subject tracks and represent a diverse range of industries.

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<td>Risk Assessment - The Missing Link for EHS Professionals</td>
<td>Risk Management/ Insurance</td>
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<td>531</td>
<td>Reducing Risk in Paradise - Steps the Atlantis Resort Took to Improve Guest Safety</td>
<td>Hospitality</td>
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<td>537</td>
<td>“What are the Odds” - The Probability of an Accident</td>
<td>Risk Management/ Insurance</td>
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<td>560</td>
<td>Risk Management and Its Impact on Environmental Health and Safety</td>
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<td>604</td>
<td>Environmental Assessments and Trends - What You Know and How They Affect You!</td>
<td>Environmental/ Hazardous Material</td>
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<td>611</td>
<td>Harmonizing Performance Metrics - The Key to Implementing Organizational Change</td>
<td>Risk Management/ Insurance</td>
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<td>612</td>
<td>Effective Risk Assessment in TA, JHA, WMS, Take 5, and Incident Investigation</td>
<td>Risk Management/ Insurance</td>
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<td>635</td>
<td>A Canadian Perspective on Applying ISO 31000 (ANSI Z690) RMP</td>
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<td>666</td>
<td>Incorporating Prevention through Design Methods into the Design/Redesign Process</td>
<td>Technical/ Engineering/ Standards</td>
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<td>711</td>
<td>Integrating Risk Management and Prevention through Design (PtD) Standards</td>
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<td>741</td>
<td>Identifying Target Facilities for Audits Based on Risk Factors</td>
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GENERAL SESSION
Sponsored by SafeStart

7:30AM - 9:00AM
Good Strategy/Bad Strategy
Richard Rumelt

Powerful strategies tackle the key challenges facing an organization. Unfortunately, too many so-called “strategies” are heavy with visions of the future or hoped-for performance results, but light on how to actually get from here to there. The first step to breaking out of the “bad strategy” syndrome is to recognize the varieties of bad strategy and the temptations that lead to them. The second step is to understand the basic underlying logic, called the Kernel, of all good strategies. The Kernel consists of a diagnosis of the nature of the challenge, a guiding policy for how to overcome it, and a set of coherent actions which implement the guiding policy. The third step is to master the general sources of power that good strategies harness.

6:30AM - 5:45PM
Safety 2013 Conference Registration Open
6:30AM - 5:45PM
Service Center Open
7:30AM - 9:00AM
Opening General Session, Richard Rumelt
8:30AM - 5:30PM
Career Center Open
9:00AM - 10:30AM
Expo Exclusive Time
9:00AM - 3:00PM
Exposition Open
10:30AM - 11:45AM
Concurrent Educational Sessions (Period IV)
11:45AM - 12:30PM
Complimentary Conference Luncheon
11:45AM - 1:00PM
COPS Awards Luncheon*
12:30PM - 1:00PM
Expo Exclusive Time
1:00PM - 2:00PM
Concurrent Educational Sessions (Period V)
2:00PM - 3:00PM
Expo Exclusive Time
3:00PM - 4:15PM
Concurrent Educational Sessions (Period VI)
4:30PM - 5:30PM
Concurrent Educational Sessions (Period VII)

KEY LEVEL DESCRIPTIONS

(B) Two to five years of experience is identified as basic
(I) Six to 10 years of experience is identified as intermediate
(A) 10 years plus of experience is identified as advanced
(E) Executive level sessions

*Additional fee and/or pre-registration required.
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<td>Business Skills &amp; Personal Development</td>
<td>601 Elements of Leadership and the Safety Professional</td>
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<td>Construction / Mining</td>
<td>602 Safety Professionals’ Role in Preventing Construction Safety Contract Issues</td>
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<td>Environment / Hazardous Material</td>
<td>604 Environmental Assessments and Trends - What You Know and How They Affect You!</td>
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<td>Ergonomics</td>
<td>605 Ergonomics Solutions - Castigating a Wide Net to Achieve Success</td>
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<td>Executive</td>
<td>606 What If Your Sprinkler System Fails? The Critical Need for Fire Pump Testing</td>
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<td>Fire Protection</td>
<td>607 The Critical Role of Relationships and Trust in Safety Cultures</td>
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<td>Healthcare / Wellness</td>
<td>608 Settling the Dust: Silica Past, Present and Future</td>
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<td>Hospitality</td>
<td>609-a How Would You Set Up an EHS Regulatory Framework in a Country Without One?</td>
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<td>Industrial Hygiene / Health</td>
<td>609-b A Vaccine for Accidents - Rethinking Incident Investigations</td>
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<td>International</td>
<td>610 HazCom 2012: One Year Later</td>
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<td>Oil &amp; Gas</td>
<td>611 Harmonizing Performance Metrics - The Key to Implementing Organizational Change</td>
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<td>Regulatory Issues / Government / Public Sector</td>
<td>612 Effective Risk Assessment in TA, JHA, WMS, Take S and Incident Investigation</td>
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<td>Risk Management / Insurance</td>
<td>613 Legally Effective Incentive and Disciplinary Programs</td>
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<td>Risk Management / Insurance</td>
<td>614 Product Safety - Expanding the Safety Professional Role</td>
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<td>Safety Management</td>
<td>615 Drifting into Disaster… Why ‘Safe’ Organizations Fail</td>
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<td>Sustainability</td>
<td>616 Sustainability at Any Speed</td>
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<td>Sustainability</td>
<td>617 Fall Arrest Clearance Calculations Made Easy</td>
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<td>Technical / Engineering / Standards</td>
<td>618 Developing &amp; Implementing an Effective System Safety Program for Chemical Weapons Demilitarization</td>
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<td>Training / Education</td>
<td>619 Controlling Fleet Liability Risks that Could Drive You Out of Business</td>
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<td>Transportation</td>
<td>620 The Five Crucial Barriers to Workplace Safety</td>
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<td>Fundamentals / Spanish</td>
<td>621 Fire Protection 101C</td>
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<td>Key Issue Roundtables</td>
<td>622 Boom or Bust of the Oil Industry: How Do We Safely Manage The Future of Risk Control</td>
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<td>Key Issue Roundtables</td>
<td>623 The Future of Risk Control</td>
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<td>1:00PM – 2:00PM (V)</td>
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<td>625 Influence: How to Get It and What to Gain From It</td>
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<td>646 Sustainability 101: What Does This Mean &amp; What’s the Value?</td>
<td>655 Behavioral &amp; Ergonomic Management of Physical &amp; Mental Fatigue</td>
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<td>660 The Workforce of the Future - Are We Ready?</td>
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<td>657 Green Beans &amp; Ice Cream: The Remarkable Power of Positive Reinforcement</td>
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<td>658 Injury Management: Making a Difference One Life at a Time PPE Selection 2013</td>
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<td>659-a International Nanotechnology Law Governing Workplace Exposures</td>
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<td>659-b Understanding the Impact of HIV/AIDS in the Workplace - Global Perspective</td>
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<td>660 The 2012 Presidential Election’s Impact on OSHA and Workplace Safety &amp; Health</td>
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<td>661 Reducing Workers’ Compensation Costs: Partnering with Your Insurance Carrier</td>
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<td>662 UL - Certified Risk Professional, New Certification for Insurance Risk Control Under Development</td>
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<td>671 Promoviendo la Salud Ocupacional con una Fuerza Laboral Diversa: La Experiencia de NIOSH con Trabajadores Inmigrantes Latinos</td>
<td>672 Power Communication for Women: How to Get Your Message Heard</td>
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601 Elements of Leadership and the Safety Professional (I)

Sponsored by UL PureSafety

Safety leadership is pivotal in driving positive performance. Driving compliance, handling crises, developing strategy, influencing management and changing culture cannot be accomplished without it. This session will explore six leadership attributes that offer the safety professional the greatest impact areas for achieving and maintaining a sustainable safety management process.

Gary “Scott” Gaddis, Bristol-Myers Squibb, New Brunswick, NJ

602 Safety Professionals’ Role in Preventing Construction Safety Contract Issues (I)

Attention to safety management contract issues during the procurement phase has the potential for preventing contract disputes during construction. This presentation addresses the areas and opportunities for safety professionals’ involvement in contract management. Common contract issues and best practices to prevent them will be discussed.

Brian A. Clarke, CSP, G.E.W. LLC Safety Solutions, Battle Ground, WA; Sathyinanarayan Rajendran, Ph.D., CSP, Central Washington University, Ellensburg, WA

603 17 Mistakes Made in Emergency Plans and How to Avoid & Correct Them (E)

Emergency planning is subject to many federal, state and local laws, regulations and standards. Learn what laws, regulations and standards apply to emergency planning, training and exercises. Learn 17 mistakes organizations make in creating plans. Bo Mitchell, CHCM, CSHM, CEM, CPP, CBCP, CHSP, 911 Consulting, Wilton, CT

604 Environmental Assessments and Trends - What You Know and How They Affect You! (B)

Sponsored by the Risk Management / Insurance Practice Specialty

This session will address the current health of the environment. It will also show how risk assessments affect a company’s bottom line, and how risk assessment results affect regulatory standards?

Aspet S. Chater, CHMM, ERMM, REM, REA, Aon Risk Solutions, Los Angeles, CA

605 Ergonomics Solutions - Casting a Wide Net to Achieve Success (B-I)

Sponsored by the Ergonomics Practice Specialty

Engineering solutions often pose a large challenge for implementation due to cost and the timeframe for implementation. This presentation is a case study of how Cargill used an ergonomics initiative to address concerns within its meat processing plants in order to achieve reductions in ergonomics related injuries in a 3 year period. David M. Brodie, CPE, Cargill, Inc., Hendersonville, NC

606 What If Your Sprinkler System Fails? The Critical Need for Fire Pump Testing (I)

Sponsored by the Fire Protection Practice Specialty

NFPA 25 has specific requirements for weekly and annual fire pump testing. This session will highlight the changes in the 2011 edition of NFPA 25 regarding pump testing. Procedures for weekly and annual fire pump testing, the proper use and set up of test equipment, procedures and safety concerns will be reviewed. Attendees will learn how to evaluate the annual fire pump test results including graphing and analyzing pump and electric motor performance.

Thomas W. LaCorte, CFPS, Chubb Group of Insurance Companies, Warren, NJ

607 The Critical Role of Relationships and Trust in Safety Cultures (I)

Effective safety cultures require a willingness to discuss incidents, near misses, unsafe conditions and at-risk behaviors openly and honestly. Trust and good working relationships set the stage for such open communication. Practices that erode trust will be explored in this session as will practices that build trust and effective relationships.

Judy L. Agnew, Ph.D., Aubrey Daniels International, Turlock, CA; Aubrey C. Daniels, Ph.D., Aubrey Daniels International, Atlanta, GA

608 Settling the Dust: Silica Past, Present and Future (I)

Sponsored by UL PureSafety

This session will provide a comprehensive historical examination of exposure, health effects, and PPE related to silica over the last century. It will also cover other sources of occupational exposure (e.g., mining, abrasive blasting operations, hydraulic fracturing), recent control technologies and provide an update on OSHA’s silica rulemaking process.


609 International EHS Regulations and Investigations

609-a How Would You Set Up an EHS Regulatory Framework in a Country Without One? (A)

This presentation will take participants on a 2 year journey in the development and implementation of the Building & Construction Sector, EHS System and EHS Regulatory function for the newly formed Building & Construction Sector for the Emirate of Abu Dhabi. Participants will be provided with lessons learned from the EHS Managing Consultant for one of the world’s largest EHS construction consultancy projects worth over AED 84M.

Paul T. Pascoe, Pozniak Safety Associates, Saskatoon, Saskatchewan, Canada

609-b A Vaccine for Accidents - Rethinking Incident Investigations (I-A)

Sponsored by the International Practice Specialty

Are we asking the right questions when it comes to safety investigations? Drawing on his experience investigating serious incidents for clients around the world the speaker offers a revolutionary way of thinking about incidents - rather than asking “what went wrong?”, he wants us to ask “what went right?” so we can build up our resilience to accidents.

Michael Tooma, LL.B, RSP, Norton Rose, Sydney, NSW, Australia

609-c A Rational Approach to Hazard Communication (A-E)

Sponsored by the Hazard Communication Practice Specialty

OSHA’s revised Hazard Communication Standard to align with the UN’s GHS has been a final rule for just over a year. This session will address the revised standard’s changes and challenges that manufacturers, importers, distributors and employers have been experiencing in the year since the standard became a final rule. The session will include highlights of the “FAQs” from OSHA, training requirements and Letters of Interpretation revised or created to reflect the new standard.

Maureen Ruskin, U.S. Department of Labor - OSHA, Director, Office of Hazardous Chemicals - Metals, Washington, DC; TBD

610 HazCom 2012: One Year Later (B-I-A-E)

OSHA’s revised Hazard Communication Standard to align with the UN’s GHS has been a final rule for just over a year. This session will address the revised standard’s changes and challenges that manufacturers, importers, distributors and employers have been experiencing in the year since the standard became a final rule. The session will include highlights of the “FAQs” from OSHA, training requirements and Letters of Interpretation revised or created to reflect the new standard.

Maureen Ruskin, U.S. Department of Labor - OSHA, Director, Office of Hazardous Chemicals - Metals, Washington, DC; TBD

611 Harmonizing Performance Metrics - The Key to Implementing Organizational Change (A-E)

Sponsored by the Risk Management / Insurance Practice Specialty

The key feature of Safety Management Systems (ANSI Z-10, OHSAS 18001, ILO 2001, etc.) is the establishment of operational accountability for management; however, developing and implementing an accountability system is easier said than done. This session stresses the importance of identifying and establishing proactive initiatives, which are consistent with other business metrics and are tied to annual performance reviews.

John R. McConnell, CSP, CRSP, Willis of North America, Kentwood, MI; Francis P. Sehn, CSP, ARM, Willis of North America, Pittsburgh, PA
612  Effective Risk Assessment in TA, JHA, WMS, Take 5 and Incident Investigation (I)  
*Sponsored by the Risk Management / Insurance Practice Specialty*  
This session describes how more effective risk assessments can be applied to day-to-day safety management processes to ultimately ensure that they achieve more reliable, consistent results. Risk estimations using semi-quantitative LxC matrix methods can be made more rigorous. An investigation of an actual fatal incident will illustrate the successful links between decision-making and risk assessments.  
James F. Whiting, PE, CPE, Risk@Workplaces Pty. Ltd., Brisbane, Queensland, Australia

613  Legally Effective Incentive and Disciplinary Programs (I)  
*Sponsored by the Mining Practice Specialty and the Women in Safety Engineering (WISE) Common Interest Group*  
In 2012, OSHA announced that workplace safety incentive and disciplinary programs would come under increased scrutiny. Find out if your programs make the grade or could result in penalties and litigation. This session will address what motivates workers to be safe, and how to effectively correct unsafe behaviors.  
Adele L. Abrams, J.D., CMSP, Law Office of Adele L. Abrams PC, Beltsville, MD

614  Product Safety - Expanding the Safety Professional Role (I)  
Understanding regulatory impact on consumers’ goods and food products would provide an opportunity for the Safety Professional to expand his/her role and have a direct impact on the organization, operational risks as well as liability exposures by ensuring that proper risk mitigation and loss prevention plans are efficiently managed.  
George B. Nassif, CSP, Aon Global Risk Consulting, New York, NY

615  Drifting into Disaster... Why ‘Safe’ Organizations Fail (A)  
*Sponsored by ClickSafety and the Mining Practice Specialty*  
Disasters sometimes happen to organizations that have achieved high levels of safety excellence and high levels of protection. These organizations have fallen into the trap of the ‘incremental collapse’ - slowly and inconspicuously losing sight of the fact they have wandered into the ‘catastrophic zone’.  
Corrie Pitzer, B.Hons (Ind Psych), B.Hons (Bus), MBA, SAFemap International, Burnaby, British Columbia, Canada

616  Sustainability at Any Speed (I)  
Getting your safety program to that fifth level – Sustainability – does not have to be all or nothing. So, what is the right approach? This session presents the five levels of maturity, including how to achieve this one program element at a time, using hazard analysis, inspections and investigations elements as examples.  
Paul A. Esposito, CSP, CIH, ESIS, Health, Safety and Environmental Consulting, Annapolis, MD

617  Fall Arrest Clearance Calculations Made Easy (B-I-A-E)  
*Sponsored by the Engineering Practice Specialty*  
Everyone using a fall arrest system needs to know whether it will stop them from impacting a lower level. Unfortunately, clearances are so complicated that most people try to ignore them. The presenters will develop three simple formulae to easily determine a safe clearance for almost any Fall Arrest System.  
Greg E. Small, P.E., High Engineering Corporation, Calgary, Alberta, Canada; Douglas W. Myette, P.E., High Engineering Corporation, Calgary, Alberta, Canada

618  Developing and Implementing an Effective System Safety Program for Chemical Weapons Demilitarization (I)  
*Sponsored by the International Practice Specialty*  
Developing and implementing an effective system safety program for chemical weapons demilitarization is challenging. This presentation provides a step by step review of essential system safety components and considerations to design, test, construct, systemize and operate a facility to destroy highly toxic and explosive assembled chemical weapons to a risk level as low as reasonably achievable.  
Jeffrey L. Weldon, CSP, International Bechtel National, Lake City, FL

619  Controlling Fleet Liability Risks that Could Drive You Out of Business (A)  
*Sponsored by the Risk Management / Insurance Practice Specialties*  
If you have employees who drive company vehicles or use their own cars for business, you need to protect your balance sheet from liability. This presentation will explore the liability exposures and feasible controls that you need to know before employees get behind the wheel.  
Timothy J. Batz, CSP, ARM, CRIS, IMA, Inc., Denver, CO

620  The Five Cultural Barriers to Workplace Safety (I)  
The ugly secret behind most “accidents waiting to happen” is that someone was aware of unsafe conditions but was unwilling or unable to speak up. This session will share five workplace safety threats and how to remove these cultural barriers to achieve dramatic improvements.  
David Maxfield, Ph.D., VitalSmarts, Provo, UT

621  Fundamentals of SH&E: Fire Protection 101C  
This session is intended to provide attendees the basics in the fire protection area including the common hazards encountered in the workplace and the typical measures that must be taken to protect a facility or site from fire. Included in the session will be information concerning basic fire extinguishing equipment and use as well as other technical areas such as sprinkler systems. Basic fire chemistry will be included.  
Stephen J. Musur, CSP, CFPS, Chubb Group of Insurance Companies, Chicago, IL

622  Boom or Bust of the Oil Industry: How Do We Safely Manage?  
*Sponsored by the Oil & Gas Practice Specialty*  
It’s your chance to SPEAK UP! Do you have a lesson learned to share with fellow professionals? Are you looking to meet with others with mutual interests? This Key Issue Roundtable will be hosted by the ASSE Oil & Gas Practice Specialty in an area of its particular expertise.

623  The Future of Risk Control  
*Sponsored by the Risk Management / Insurance Practice Specialty*  
It’s your chance to SPEAK UP! Do you have a lesson learned to share with fellow professionals? Are you looking to meet with others with mutual interests? This Key Issue Roundtable will be hosted by the ASSE Risk Management / Insurance Practice Specialty in an area of its particular expertise.
3:00 PM-5:00 PM PERIOD VI

636 Improving Manufacturing Safety and Performance Using Integrated Risk Management (B-I-A-E)
The common belief that productivity is the key to improving manufacturing business performance is oversimplified. Improving safety and profitability requires SH&E professionals to take a more strategic approach to managing risk. Learn how to use automation, real-time risk management, proactive safety programs and metrics to improve safety and competitiveness.

Steve W. Ludwig, Rockwell Automation, Mayfield Heights, OH; Calvin E. Beyer, Zurich North America Commercial, Edna, MN

635 A Canadian Perspective on Applying ISO 31000 (ANSI Z690) RMP (I)
Most democratic countries now have anti-corruption legislation based on the International Convention regarding the corruption of foreign public officials. EH&S professionals need to understand this legislation to ensure that they comply. Anti-corruption legislation also provides EH&S professionals with an opportunity to grow their knowledge and influence in their organizations by showing ethical leadership in all areas of the organization. Attendees will be given practical steps to comply with anti-corruption laws that apply to EH&S.

Norman A. Keith, J.D., LL.M, CRSP, Gowlings LLP, Toronto, Ontario, Canada

634 OSHA Recordkeeping and Workers’ Compensation Claims Reporting Requirements (I)
Are you confused about OSHA’s recordkeeping rules and procedures? Do you know the difference between an OSHA recordable injury and first aid only? What is the difference between an OSHA recordable injury and first aid only? What the difference is between an OSHA 300 recordables and workers’ compensation reporting? This presentation will cover this and more. In addition, there will be a practical exercise to help attendees with applying the concepts to real life scenarios.

Dana J. Heimdahl Chernault, CSP, Midgaard Safety Consulting, Tehachapi, CA

633 The New OSHA Construction Confined Space Standard (I)
The new OSHA Construction Confined Space Standard will radically affect the way construction companies handle confined space entries. This presentation will walk attendees through the complexities of the standard.

C. Gary Lopez, CSP, Arthur J. Gallagher Risk Management Services, Inc., Miami, FL

632 An Overview of Energy Management System (ISO 50001) with Its Implementation Plan (I)

Sponsored by the Environmental Practice Specialty

This session explains an overview of the Energy Management System (EnMS) (ISO 5001), how it works, EnMS Implementation Plan and the difference between ISO 14001:2004 & ISO 50001:2011 Standards. The EnMS plan will be explained along with the methodology for identification of Energy Significant Uses and its assessment, Energy Performance Indicators (EnPIs), and tools for implementation including how the EnMS plan has adopted the PDCA (Plan-Do-Check-Act) methodology.

Rama Krushna Chary, Kuwait Oil Company, Ahmadi, Kuwait; Rifad Ali Minhaj, Kuwait Oil Company, Ahmadi, Kuwait

631 The Impact of Anti-Corruption Legislation on EH&S Professionals (I)

Sponsored by the Fire Protection Practice Specialty

Most democratic countries now have anti-corruption legislation based on the International Convention regarding the corruption of foreign public officials. EH&S professionals need to understand this legislation to ensure that they comply. Anti-corruption legislation also provides EH&S professionals with an opportunity to grow their knowledge and influence in their organizations by showing ethical leadership in all areas of the organization. Attendees will be given practical steps to comply with anti-corruption laws that apply to EH&S.

Norman A. Keith, J.D., LL.M, CRSP, Gowlings LLP, Toronto, Ontario, Canada

630 Using Integrated, Real-Time Exposure Data to Make Better Decisions (I)

Sponsored by the Industrial Hygiene Practice Specialty

This is a revolution in environmental sensor technology. There is a parallel revolution in how this real-time data gets integrated, processed, communicated and used. This session will focus on these innovations and experience on how they are being used to provide better information to health and safety professionals managing workplace hazards.

Bruce D. Groves, CIH, Emilcott Associates, Inc., Morristown, NJ

629 Disney’s Mission Possible: Preventing Body Motion Injuries Over the Long Run (I)

Sponsored by the Service Branch of the Management Practice Specialty

Disney has sustained an effective long-term soft tissue injury reduction process. This presentation reveals key resources and actions that get results, including: selecting “agents” who have a common cause; giving field assignments to leaders and employees; analyzing observations from the field; plus secret ingredients that any Safety Professional can use.

Gail A. House, CSP, Walt Disney World Resort, Lake Buena Vista, FL; Robert C. Button, Safety in Motion, Inc., Portland, OR; Robert A. Howarth, CSP, Disneyland Resort, Anaheim, CA

628 A Healthy Workforce: How Workers’ Comp and Wellness Programs Go Together (B)

We are entering a new era in healthcare that will insist that employers be actively engaged in the health of their workforce. This session will explain how identifying the essential functions of the job and providing a robust wellness program can impact the health and longevity of their workers.

Matthew J. Condon, J.D., Athletic & Rehabilitation Center, Overland Park, KS

627 Human Capital Concerns of Continuity Planning (B-I)

Sponsored by the Fire Protection Practice Specialty

Does your organization have an extensive continuity plan? Have you considered your employees in the plan? After a loss, will they be there when you restart operations or have they found other jobs? Has your plan lulled you into overconfidence? This session will discuss how to better ensure business survivability!

Edward L. Zimmermann, ASP, Baker Hughes, Inc., Robert Lee, TX

626 Streamlining Safety Operations Through Widespread Use of Mobility Tablets (B-I)  

Sponsored by the Construction and Management Practice Specialties and the Young Professionals in SH&E Common Interest Group

You will understand the process employed by a major construction firm to streamline S&H administration through use of mobility tablets containing applications that allow one-time, real time recording of S&H inspection information, behavioral safety observations and incident investigations, among other functions. From experience on Canadian and U.S. projects, hear keys to success.

Richard S. Baldwin, CSP, PCL Construction Enterprises, Denver, CO; Jim Barry, PCL Constructors, Inc., Edmonton, Alberta, Canada

625 Influence: How to Get It and What to Gain From It (I)  

Sponsored by the ASSE Government Affairs Committee

Safety professionals have important insights of the workplace and the relation among their organizations and government and non-government institutions. Their ideas and solutions warrant consideration. But how can they gain the influence that is necessary for their ideas to be heard and taken seriously? This panel discussion will address how to get this influence and how to benefit from it.

TBD
637 Shaping Safety’s Future: Critical Tools (A-E)
Many leaders recognize that safety is not all that it could—and should—be. With a discussion of emerging challenges, including a shortage of safety talent, increased liability and greater technical complexity, this session focuses on emerging methodologies that will help leaders understand and navigate the road ahead.
Colin Duncan, Behavioral Science Technology, Inc. (BST), Ojai, CA

641 Futuristic Fall Protection Now! (I-A)
Sponsored by the Engineering Practice Specialty
Learn about the latest systems without harnesses to reduce fall hazards and costs. Keep your in-house standards updated to get the best out of your harness systems. Hear the practical side of fall protection with case histories about unexpected falls/rescues. Learn the four biggest mistakes made when purchasing fall equipment.
J. Nigel Ellis, Ph.D., P.E., CSP, CPE, Ellis Fall Safety Solutions, Wilmington, DE

638 Managing Diversity for Safety, Health & Environmental Excellence (I-A)
Most workplaces are like a mini United Nations. People from different cultures bring a range of values, attitudes, beliefs and behaviors that can challenge and impede your S, H & E efforts. This session will show that diversity can be used to build a stronger S, H & E process and a more unified workforce.
Luis F. Gonzalez, Topf Initiatives, Wayne, PA

642 Understanding NFPA 70E and the Arc Flash Hazard (B)
Sponsored by Grainger and the Manufacturing Practice Specialty
Learn the four subjects essential to understanding and protecting against arc flash hazard in an industrial workplace. Causes/consequences of arc flash will be examined with emphasis on historical data, real accidents, body burn injury and non-flame resistant vs. flame resistant clothing. Major advancements discussed include the molten metal projection of the arc out from the gear and focus of the energy. Hear about the current standard, pending revisions to NFPA as well as Arc flash hazard analysis, FR clothing performance testing, and instituting or upgrading an FR program.
Scott Margolin, Westex, Chicago, IL

639 Identifying Cultural Hazards: 4 Clues You Are Out of Balance (A)
Traditional health and safety risk assessments focus on hazard identification, but what if the hazards are cultural? How can you identify cultural hazards that have a profound effect on safety, productivity and quality? In this session, you will examine systems that degrade trust and credibility, learn the most effective methods to identify latent elements that signal a culture at risk without spending thousands of dollars and hours on a cultural assessment, and take away tools to help minimize these cultural pressures. Participants will leave with the logic-based tools necessary to build an organization of balance and long-term success.
Rodney E. Grieve, BRANTA Worldwide, Inc., Sacramento, CA

643 Safety Training Activities for Manufacturing (B-I-A)
Sponsored by the Manufacturing Practice Specialty and the Training & Communications Branch of the Risk Management/Insurance Practice Specialty
Interactive games and activities are a great way to increase learning and retention in training classes. In this interactive session, we will demonstrate many of these great learning tools that are particularly useful in the manufacturing industry.
Linda M. Tapp, CSP, ALCM, SafetyFUNdamentals, Madison, NJ

640 SAFE by Choice (I)
Sponsored by ClickSafety
Each and every day of our lives we make choices. None of them may be more important than those we make in the workplace. Come learn why we make certain choices and what may be done to ensure to the highest degree possible that the right (safe) choice is made. We will also review what can be done to prevent injury or illness in the event the wrong choice is made.
James “Skipper” Kendrick, CSP, Kendrick Global Enterprises, LLC, Hurst, TX

644 Innovative Methods to Reduce Musculoskeletal Injuries in the Workplace (I)
Employers in virtually every industry contend with musculoskeletal injuries. Every employer has or will soon have an aging workforce. Participants of this session shall understand the nature and causation of soft tissue disorders, while realizing cost effective and innovative initiatives that halt and reverse the process.
Tulio L. Pena, ART Corporate Solutions, Inc., Colorado Springs, CO

645 Fundamentals of SH&E: Environment 101D
Environmental problems have the potential to cause serious harm and represent significant liability and risk. This session will review the major problems and issues in the environmental area that impact SH&E professionals. Regulatory requirements, management of environmental programs and other topics will be discussed.
Mary L. Prisby, CHMM, 3M Company, Prairie Du Chien, WI
3:00 PM-4:15 PM PERIOD VI

650  How to Promote the Business Value of Safety and Health (I)
Sponsored by the Management Practice Specialty
Safety professionals need tools to prioritize the business value of safety and health. This session identifies safety as a business value; looks at business investments and benefits of safety functions; links safety to the drivers of business value; and demonstrates tools to improve performance and effectively communicate with management.
David L. Galt, BLR - Business and Legal Resources, Old Saybrook, CT

651  Conflict Management Strategies for the Real World (B-I)
Sponsored by the Risk Management / Insurance Practice Speciality and the Safety Professionals and the Latino Workforce (SPALW) Common Interest Group
Participants will be introduced to five styles of conflict management, when each mode is appropriate and gain insight into how underutilizing or overusing any one mode can create an unwanted situation. Participants will undergo an assessment to learn their conflict style.
Patricia A. Kagerer, CSP, ARM, CRIS, CF Jordan Construction, Dallas, TX; Grace Herrera, CF, Jordan Construction, El Paso, TX

652  Renewable Energy - Renewing the Commitment to Safety Compliance (I)
Sponsored by the Chubb Group of Insurance Companies and the Construction Practice Specialty
This session will cover the following areas: Photo-voltaic, Solar Thermal and Wind Tower construction safety with regard to OSHA's four focus areas of Fall Hazards, Electrical Hazards, Struck by and Caught in Between hazards. Emphasis shall be placed on selection of proper fall protection and prevention systems and NFPA70E worker requirements. Engineering safety into project design; Subcontractor Management; Quality and Sales link to safety; and Pre-job planning will all be discussed.
Paul J. Colangelo, ClickSafety, Burlington, MA

653  Introduction to Basic Scaffold Safety (B)
This presentation will provide an introduction into basic scaffold safety. Topics include discussion and pictures of the 25 different types of scaffold covered in OSHA, overview of most common safety requirements such as fall protection, falling object protection, etc. and a look at some improperly erected scaffolds in order to recognize common violations.
John Palmer, CSP, Scaffold Training Institute, League City, TX

654  Demystifying Asbestos: Updates and Emerging Issues (I)
Sponsored by the Environmental Practice Specialty
Hazard, risks and misperceptions of asbestos cause problems for safety professionals with regulators, employers and the public during renovation and demolition projects. Hear an update on current asbestos issues which take the mystery and fear out of this workplace hazard including emerging issues, regulations simplified and handling public relations.
Jeffrey C. Camplin, CSP, CPEA, Camplin Environmental Services, Rosemont, IL

655  Behavioral and Ergonomic Management of Physical and Mental Fatigue (I-A)
Sponsored by the Chubb Group of Insurance Companies
Mental fatigue results in a lack of focus and attention, taking short cuts, bypassing safety regulations and making mental errors that can lead to serious injury and even death. The relationship of mental fatigue to stress is well known but managed poorly. This session will address both behavioral and ergonomic interventions to prevent and manage fatigue related disorders and injuries, and provide a clear understanding of the physiological basis for fatigue and how to address this growing problem both at work and home.
Richard W. Bunch, Ph.D., PT, CBES, Industrial Safety & Rehabilitation Institute, Inc., New Orleans, LA

656  Design Facilities to Prevent Deflagrations (B-I)
Vapor/air, gas/air and dust/air deflagrations continue to take a serious toll in the chemical process industries. This is in spite of well-developed codes and standards that could prevent these events or minimize their effects. This presentation will provide the background required to understand the deflagration phenomena and use case studies to support the most effective prevention techniques.

What is Positive Reinforcement? What types of employees do you have: Are they compliant, non-compliant or committed? What type of reinforcement drives commitment and employee engagement for greater safety and profitability? Do you rely on “magic” or a strategic plan for motivating and rewarding your employees? This presentation will show you the astonishing power of positive reinforcement leading to improved safety, injury reduction, increased production, customer satisfaction and employee morale.
Bill Sims, Jr., The Bill Sims Company, Inc., Irmo, SC

658  Injury Management: Making a Difference One Life at a Time (B)
Sponsored by the Healthcare Practice Specialty and the Women in Safety Engineering (WISE) Common Interest Group
Injury Management begins the moment an employee reports an injury and continues well past the initial treatment. Discover the important steps to effective injury management with positive outcomes for both the employee and the employer and take advantage of key turning points in an injury to make a difference, one injury at a time.
BJ (Bonnie) Heinrich, RN, COHN-S/CM, STS, URS Corporation, Austin, TX

659  International Health Issues
659-a  International Nanotechnology Law Governing Workplace Exposures (I)
Law and science have partnered to solve major public health issues and Nanotechnology’s revolution for the world’s economy can also provide the catalyst for revolutionizing public health.
Ilise L. Feithmans, J.D., ScM, Geneva School of Diplomacy, Geneva, Switzerland

659-b  Understanding the Impact of HIV/AIDS in the Workplace - Global Perspective (I)
Sponsored by the Risk Management / Insurance Practice Specialty and the Women in Safety Engineering (WISE) Common Interest Group
This session will address a multi-national approach to implementing health and safety programs in developing countries with regard to HIV/AIDS as to the challenge it poses both in the workplace and society.
Natalie Skeepers, Aveng Grinaker - LTA, Johannesburg, Gauteng, South Africa

660  The 2012 Presidential Election’s Impact on OSHA and Workplace Safety & Health (B)
Sponsored by UL PureSafety
This session will cover:
• Changes in OSHA’s focus since the 2008 presidential election
• How the 2012 presidential election impacts the OSHA regulatory agenda
• What employers should do in 2012
• OSHA in 2012 and beyond
• Achieving Excellence and Profitability through Safety
Edwin G. Foulke, Jr., J.D., Fisher & Phillips LLP, Atlanta, GA
**Wednesday**

661 Reducing Workers’ Compensation Costs: Partnering with Your Insurance Carrier (I)
This session will discuss how an employer can take control of the workers’ compensation process, control costs and maintain a positive work environment. Attendees will learn about best practices that will impact employee relations, improve productivity, reduce frequency of injury and contain the severity of workers’ compensation claims.

Stephen M. Bennett, ARM, Aon, Chicago, IL

665 Linking Safety Performance to Organizational Strategy (B-I-A)
Sponsored by the Consultants Practice Specialty
As a safety professional, we are technical experts in our organizations. As leaders, we need to make the move to becoming a strategic partner in organization. This requires speaking the same language as the senior leaders, aligning metrics and performance measures with the organization’s business goals, and moving safety away from the traditional focus on compliance and activities.

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

669 Develop and Sustain an Effective Fleet Safety Program - Z15 Can Help (A)
Sponsored by the Standards Development Committee and the Transportation Practice Specialty
Learn how the ANSI/ASSE Z15.1-2012 standard provides a framework for developing, implementing and monitoring fleet safety programs. This interactive session begins with an overview of the standard and its applicability to all types of fleets.

Peggy E. Ross, RN, CSP, COHN-S/CM, Baxter International, Inc., Deerfield, IL; Donald L. Cooper, CSP, ARM, ALCM, State Farm Insurance, Bloomington, IL; James T. Derr, CSP, ARM, XL Insurance, Pottstown, PA; Brian S. Hammer, Nationwide Agribusiness Insurance, Durant, IA; William J. Hinderks, CSP, CPCU, ARM-P; ALCM, Artex Risk Solutions, Inc. a subsidiary of Arthur J. Gallagher & Co., Bloomington, IL; Stephanie Pratt, Ph.D., National Institute for Occupational Safety and Health (NIOSH), Morgantown, WV

670 PPE Selection 2013 (I)
Sponsored by Grainger
This session is designed to help attendees find, access and use electronic databases available for selecting PPE for Hazardous Materials. Hands-on training using selected electronic databases will not only familiarize the attendee with the “how to” but also with subjects or items that cannot be addressed in the databases.

Donald R. Linville, CIH, DuPont Protection Technologies, Richmond, VA; Donald F. Groce, Showabest Gloves, Menlo, GA

671 Spanish Session
Promoting Occupational Health with a Diverse Workforce: NIOSH’s Experience with Latino Immigrant Workers - Promoviendo la Salud Ocupacional con una Fuerza Laboral Diversa: La Experiencia de NIOSH con Trabajadores Inmigrantes Latinos
Esta presentación incluye una discusión general sobre la experiencia de trabajo de los inmigrantes, los retos que los profesionales de seguridad se enfrentan mientras trabajan para promover la seguridad y salud de los trabajadores inmigrantes, las mejores prácticas y las líneas generales para buscar soluciones, los esfuerzos de NIOSH para mejorar la seguridad y salud occupational para trabajadores inmigrantes y algunos de los desafíos que enfrentan las instituciones en la adaptación de sus esfuerzos por integrar a los trabajadores inmigrantes. Aunque la presentación se enfocará en gran medida de la mano de obra inmigrante latina los temas generales serán lo suficientemente amplios como para informar iniciativas con otros sectores de la fuerza laboral.

Michael A. Flynn, MA, NIOSH, Cincinnati, OH

672 Key Issue Roundtable #9
Power Communication for Women: How to Get Your Message Heard
Sponsored by the Women in Safety Engineering (WISE) Common Interest Group
It’s your chance to SPEAK UP! Do you have a lesson learned to share with fellow professionals? Are you looking to meet with others with mutual interests? This Key Issue Roundtable will be hosted by the ASSE Women in Safety Engineering (WISE) Common Interest Group in an area of its particular expertise.
WEDNESDAY

4:30 PM-5:30 PM PERIOD VII

675   Business Lessons: Your Political Survival Kit (I)
Sponsored by UL PureSafety, the Business of Safety Committee and the Management Practice Specialty
Politics in organizations are real and unavoidable. The only differences are how much politics exist and how political you are. In this presentation we will give you a tool to evaluate how political you are and the political tendency of your organization. A survival kit will be provided, how to survive mergers and acquisitions, how to avoid some common boardroom blunders and not letting e-mail get the best of you.
Mark D. Hansen, PE, CSP, CPEA, CPE, Natural Gas Partners Energy Capital Management, Irving, TX

676   Personal Financial Planning (B-I)
This session offers useful advice to any professional in managing their personal financial plans. Making the right decisions and when you make them is critical to continued and future financial stability and success. Attend this session and learn the options available to you. The session will be delivered by an experienced financial planner.
TBD

677   Revalidation of the Contractor Assurance Program for Achieving Zero Injury (A-E)
Sponsored by ClickSafety and the Construction Practice Specialty
This case study presentation will analyze the success of the Contractor Assurance Program (CAP) and Construction Industry Institute (CII) principles utilized by an industrial turnaround contractor to achieve a zero injury outcome during 2012 turnaround activities and discuss challenges and lessons learned from previous projects.
R. Ronald Sokol, CSP, Safety Council Texas City, Texas City, TX; Bennett Gormley, Altair Strickland, Inc., LaPorte, TX

678   Nuts and Bolts of Effective Ergonomics Programs (I)
Sponsored by the Ergonomics Practice Specialty
Many companies implement ergonomics programs hoping this will solve their injury problems; however, all too often the results are disappointing. In this session attendees will learn about ergonomics—what it really means, common misconceptions and the essential components of an effective ergonomics programs.
Jill L. Kelby, PT, CEA, Kelby Ergo Design, Eden Prairie, MN

679   Wellness, an Essential Component of H, S & E Improvement and Incident Prevention (I)
Health issues, fatigue, stress, diet and physical fitness can cause illness, injuries and incidents. Family history and genetics must be included for a preventive approach. The role that wellness has in a "Holistic, Integrated, Improvement Approach" and its impact on HSE performance and productivity will be covered.
Michael D. Topf, MA, Topf Initiatives, Wayne, PA

680   The “Science” of the Welding Process and Exposure Assessments (I-A)
Sponsored by the Industrial Hygiene Practice Specialty
Welding presents occupational health hazards including potential overexposure to welding fumes. This session will focus on the industrial hygiene “science” of welding fumes including air monitoring methods, the issues related to air monitoring variables, examples of actual welding fume exposure data, as well as exposure assessment and control strategies.
Victor J. D’Amato, CSP, CIH, Atrium Environmental Health and Safety Services, LLC, Ashburn, VA; Michael A. McCullion, CSP, ARM, Sheet Metal & Air Conditioning Contractors National Association (SMACNA), Chantilly, VA

681   Building and Implementing a Global Offshore Safety Standard (B-I-A-E)
Sponsored by Westex and the Oil & Gas Practice Specialty
Offshore Petroleum Industry Training Organization (OPITO) was tasked after the PIPER ALPHA disaster to be the governance for the Offshore Safety Standards for anyone working in the North Sea. These standards have now been globalized and over 500,000 Oilfield workers have been trained on these standards. This presentation will review the processes that are in place to manage the standards and how the industry has adopted these standards in their geographic areas.
Albert Skiba, Offshore Petroleum Industry Training Organization (OPITO), Houston, TX

682   OSHA’s Small Business Outreach Efforts and Resources (I)
OSHA conducts a variety of outreach efforts aimed toward assisting small businesses and focuses on small, high-hazard industries with hazard identification and correction through its On-site Consultation Program. In addition to discussing these outreach efforts, this session discusses OSHA resources for small businesses and how businesses benefit from them.

683   Product Safety - Risk Management Fundamentals for the Safety Professional (B)
From the food we eat to the products we use, product safety is taken for granted. Recalls and unsafe products regularly capture news headlines and impact safety on and off the job. A fundamental understanding of key considerations is beneficial to expand your knowledge in this important safety topic area.
Michael J. Ruddy, CSP, Chubb Group of Insurance Companies, Indianapolis, IN

684   Risk Management to Risk Elimination - Incident Prevention Using Data and Design (A)
This presentation offers concrete solutions to at-risk findings long before someone arrives on a project looking for something wrong. Focusing your observation strategy on high risk activities while applying prevention through design controls as you plan will result in incident prevention—and we can prove it.
Cary P. Usrey, Predictive Solutions, Clermont, FL; Thomas (TJ) Lyons, CSP, OHST, CRIS, Innovative Technical Solution, Inc., Warwick, NY

685   STEPS to Safety Culture Excellence (A)
Most approaches to improving safety cultures focus on characteristics of the culture. The STEPS approach focuses on capabilities needed to enable continuous improvement. Based on the recently released book of the same title, this session will contain a complete list of the STEPS and a roadmap to safety culture excellence.
Terry L. Mathis, ProAct Safety, Inc., The Woodlands, TX

686   Predicting, Preventing & Eliminating: The 4 Safety Truths from Your Observations (I)
Many companies search for true leading indicators. Many organizations use inspections, but often fail to use this observation intelligence. This session will review our latest Safety Predictive Analytic research via a case study on over 120 million observations. Ongoing research on the 4 Safety truths and other leading indicators to help predict, prevent and eliminate your next incident will be provided.
Chuck B. Pettinger, Ph.D., Predictive Solutions, Blacksburg, VA
687 Employee Engagement Strategies for Implementation of a Safety Management System (I)
Sponsored by UL PureSafety and the Consultants Practice Specialty
Employees are a company’s greatest asset and the energy and excitement generated around safety can boost overall employee morale and job satisfaction. Come and share some of L.L. Bean’s creative employee initiatives for OSHA VPP implementation that you can use. Safety songs, skits, home grown videos, games, displays and lots of other surprises await you. Deborah R. Roy, MPH, RN, COHN-S, CET, CSP, L.L. Bean, Inc., Freeport, ME

688 Foundations of Safety Sustainability at the Bottom of the Pyramid – A Case Study (I-A-E)
Sponsored by the Human Resources Branch of the Management Practice Specialty and the Women in Safety Engineering (WISE) Common Interest Group
This is strategic methodology to sustainable safety by focusing at the bottom of the safety pyramid. Application of behavior based tools and techniques with an objective of “Nobody Gets Hurt” in a dangerous environment, has resulted in zero recordable injuries over a four year time period.
Anita Muller, Compass Group at ExxonMobil, Stafford, TX

689 ANSI Z10: A Model for Business Management Systems Integration (A-E)
Sponsored by the Standards Development Committee
This advanced, thought provoking session, will expose seasoned occupational health and safety practitioners to new ways of thinking. These 21st Century applications will help you connect the dots of the ANSI Z10 elements of control to your company’s business system. Successful integration will result in previously unrealized opportunities for performance improvement.
John T. Bennett, CHCM, M.C. Dean, Dulles, VA; Michael A. Taubitz, Lean Journey LLC, Fenton, MI

690 Crane Safety: Are You Prepared to Hold the Load of a Major Incident? (B-I-A)
Sponsored by the Construction Practice Specialty and the Safety Professionals and the Latino Workforce (SPLAW) Common Interest Group
Crane related injuries are often severe and pose a serious hazard for employees and operators. Crane related fatal occupational injuries in the United States from 1997 to 2006 identified an average of 81.6 fatalities per year (BLS 2008). Learn about a corporate wide strategy designed to prevent major injuries and dangerous occurrences related to cranes based on the identified triple bottom line: inspection, training and rigging.
Jose Guillermo Castillo, CSP, Cummins, Inc., Columbus, OH

691 What’s Wrong with Mandatory Safety Training (and How to Fix It) (I-A)
Sponsored by the Training & Communications Branch of the Risk Management / Insurance Practice Specialty
Mandatory training has many inherent problems – it’s not “learner-friendly” and runs counter to good adult learning principles. There are certainly plenty of fixes we can apply to make it better for both the learners and for the training outcomes. This session discusses these problems and fixes using several case studies.
Jonathan T. Klande, M.S.Ed., CIH, CHMM, CET, Arizona State University (ASU), Tempe, AZ

692 How Perdue Farms Implemented a Video-Based Driver Risk Management Program (I)
Sponsored by the Transportation Practice Specialty
Perdue Farms faced increasing traffic collisions resulting in rising vehicle accident costs. They investigated various options to improve driver safety and evaluated a video-based driver risk management system. Learn how they navigated throughout their organization to gain approval to purchase and implement a program that significantly improved driver safety statistics.
Del Lisk, DriveCam, San Diego, CA; Frank J. Cruise, CSP, CHCM, CRSP and Tommy Pollard, Perdue Farms, Salisbury, MD

693 Safety Eyewear & ANSI Standards – Seeing is Believing! (B)
Sponsored by Grainger
This session will help attendees “see” more clearly with increased knowledge and understanding about the following areas: reasons to use safety eyewear, features available and technologies used to produce safety eyewear, mandated safety standards, testing requirements and standards enforcement. This session will provide the tools for safety professionals to clearly make better informed decisions as they fulfill their responsibilities to decrease company liability and protect people’s eyes.
Kurt Daems, Edge Eyewear, Layton, UT

694 Fundamentals of SH&E: Workplace Health 101E
This session will review factors in the workplace such as chemical exposure, air quality, toxins, carcinogens and others that impact the health of the workforce. The role of the safety and health professional in assessing and addressing these health hazards will be discussed.
C. David Langlois, CSP, Langlois Weigand & Associates, Baton Rouge, LA

695 Key Issue Roundtable #10
Emergency Management
Sponsored by the Fire Protection and Public Sector Practice Specialties and the Utilities Branch of the Construction Practice Specialty
It’s your chance to SPEAK UP!
Do you have a lesson learned to share with fellow professionals? Are you looking to meet with others with mutual interests? This Key Issue Roundtable will be hosted by the ASSE Fire Protection and Public Sector Practice Specialties and the Utilities Branch of the Construction Practice Specialty in areas of their particular expertise.

696 Key Issue Roundtable #11
Developing and Mentoring the Young Safety Professional
Sponsored by ClickSafety and the ASSE Council on Member and Region Affairs
It’s your chance to SPEAK UP!
Do you have a lesson learned to share with fellow professionals? Are you looking to meet with others with mutual interests? This Key Issue Roundtable will be hosted by the ASSE Council on Member and Region Affairs in an area of its particular expertise.

697 Hurricane/Super-storm Sandy: What the Safety Professional can Learn from “The Perfect Storm” to Prepare for Future Natural Disasters (B-I)
This session will focus on the impact of Hurricane/ Super-storm Sandy and how safety professionals responded to the needs of people and businesses in the affected area. We will explore key lessons learned to prepare better for future natural disasters. Topics will include emergency response, disaster recovery and business continuity, electrical, flooding and fire hazards, and clean-up safety, among others. Insurance, public sector and corporate perspectives will also be addressed.
TBD
Where can I find procedures about atmospheric testing in confined spaces?

I keep hearing about Prevention Through Design

Managed fall protection systems

I need information about SH&E staffing methodologies

Your Source for SH&E Answers and Solutions

ASSE BODY OF KNOWLEDGE

Get Started today.
Free for ASSE members.

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LUNCHEON PRESENTATION*
Sponsored by the Board of Certified Safety Professionals

12:00PM - 1:30PM
“Nice Bike!”

Mark Scharenbroich

Mark Scharenbroich will bring you two powerful words – *Nice Bike* – and why they are supported by three powerful actions: acknowledge, honor, connect. Through the *Nice Bike* principle, you will learn how to use these two powerful words and make them into three powerful actions. Mark will give you a greater passion for your work and feel a profound connection to your company, and he will provide you with tools you can immediately use to improve your personal and professional life.

7:00AM - 3:15PM
Safety 2013 Conference Registration Open
Post Conference Seminars Registration Open

7:00AM - 4:45PM
Service Center Open

7:00AM - 3:30PM
Career Center Open

7:45AM - 9:00AM
Executive Summit

9:15AM - 10:15AM
Concurrent Educational Sessions (Period VIII)

10:45AM - 12:00PM
Concurrent Educational Sessions (Period IX)

12:00PM - 1:30PM
Conference Luncheon & Program, sponsored by BCSP*

1:45PM - 2:45PM
Concurrent Educational Sessions (Period X)

2:00PM - 6:00PM
Post Conference Seminar Half Day Math Review*

3:00PM - 4:00PM
Concurrent Educational Sessions (Period XI)

KEY LEVEL DESCRIPTIONS

(B) Two to five years of experience is identified as basic
(I) Six to 10 years of experience is identified as intermediate
(A) 10 years plus of experience is identified as advanced
(E) Executive level sessions

*Additional fee and/or pre-registration required.
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<td>Crane Operator, Rigger and Signal Person Training in Compliance with OSHA 1926.1400</td>
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<td>Regulatory Compliance and Management of Asbestos Containing Materials Use of Ergonomic Data in Effective and Defensible Pre-employment Programs</td>
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<td>Optimizing Human Performance: Reduce Errors - Eliminate Events</td>
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<td>How to Avoid 10 Common Workplace Health and Safety Hazards</td>
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<td>Be Less Tactical; Get More Strategic! Commitment Based Safety: The Only Way to Zero Injuries</td>
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<td>Case Study: Organic Growth of a Strong Safety Culture Optimizing Human Performance: Reduce Errors - Eliminate Events</td>
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<td>Commitment Based Safety: The Only Way to Zero Injuries</td>
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<td>Forensic Analysis of an OSHA Citation Defense</td>
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<td>Challenges Posed by RF Radiation Exposure from Wireless Antenna Systems Would Your Risk Assessment Process Impress Your Insurance Company?</td>
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<td>Far Away and Cannot Be Forgotten: Managing OSH Related Risks for Expatriates / Employees</td>
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<td>Identifying Target Facilities for Audits Based on Risk Factors</td>
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<td>High Quality Continuing Education and Training - The IACET Advantage</td>
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<td>Basic Safety Management 101G</td>
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<td>792</td>
<td>Leveling the Global Playing Field: Developing &amp; Implementing Valuable Metrics</td>
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THURSDAY

9:15 AM-10:15 AM PERIOD VIII

701 Advancing Your Career: From Safety Leader to Business Partner (A-E)
Sponsored by the Management Practice Specialty and the Young Professionals in SH&E Common Interest Group
Take a step further inside your organization’s C-Suite by becoming the “Safety Business Partner”. Based on information gathered from interviews with corporate leaders, you will learn their candid responses to their “wish list” and be guided through the process of planning for and becoming the partner who satisfies C-Suite expectations.
John McBride, SPHR, Consentium Search, LLC, Short Hills, NJ

702 Industrial Hygiene for the Construction Industry (I)
Sponsored by ClickSafety and the Construction and Industrial Hygiene Practice Specialties
This session will present a background of industrial hygiene; the role of the industrial hygienist; common and unique industrial hygiene hazards in the construction industry; and tools and techniques to recognize, evaluate and control IH hazards. Actual “mystery case studies” will be presented challenging the participants to ponder industrial hygiene concepts to arrive at effective controls and mitigation.
Peter B. Rice, CSP, CIH, REHS, ClickSafety / Ahtna Netiyé, Novato, CA

703 Residential Construction Fall Protection Update (I)
The presentation will review residential fall protection regulations from different State plans. The process a homebuilder followed to implement safe work practices and fall protection solutions that comply with Sub part M, ANSI A10.32 and Z359 will be reviewed. Details on equipment use, installation and problems encountered during implementation will be covered.
Thomas P. Trauger, ARM, Winchester Homes, Bethesda, MD

704 Emergency Preplanning and Prevention Activities - The Key to a Successful Failure (B-I)
Sponsored by the Chubb Group of Insurance Companies and the Fire Protection Practice Specialty
This presentation will focus on emergency preplanning and preventive activities at fixed facilities. Three main topics will be explored using a case study based on a large scale fire event: The need for emergency preplans and prevention planning, how to coordinate preplans with the community and key planning elements.
Gabriel F. Miehl, CSP, CPFS, GE Transportation, Erie, PA

705 Safety Gone Viral: How to Get Innovations Adopted (A)
Have you ever asked yourself, "Why don't they get it?" when it comes to a new innovation in safety? Two key principles from research that are vital for change to catch on in groups will be discussed. Apply these principles and send your safety initiatives "viral".
Diane R. Stober, Ph.D., C Cubed, Fort Collins, CO

706 Oh, Baby - How to Handle OSHA's “Unborn Child” and “Breastfed Children” (A)
Sponsored by the Industrial Hygiene Practice Specialty and the Women in Safety Engineering (WISE) Common Interest Group
The hazard statements "may damage an unborn child" and "may cause harm to breastfed children" required by OSHA's 2012 HazCom standard creates new public health responsibilities and increased due diligence for SH&E pros and employers. This session describes the "special instructions" needed to address precautions for this emerging issue.
Daniel S. Markiewicz, CSP, CIH, CHMM, Markiewicz & Associates, Ltd., Toledo, OH

707 International Leadership Forum: Global Harmonization - Regulatory Implementation (A-E)
Sponsored by the International Practice Specialty
This session will address the major SH&E concerns and issues with other countries and regions of the world. The discussion with the expert panel will give attendees ample opportunity for questions and answers. Each Country’s presenter will cover: Is GHS included in the Country regulatory regime? Are there additional requirements to the UN GHS?; Practical implementation suggestions; and other related issues.
Andrew E. Cooper, Canadian Society of Safety Engineers (CSSE), Edmonton, Alberta, Canada; Ashok Garlapati, CSP, QEP, Kuwait Oil Co., Ahmadi, Kuwait; Oscar A. Paredes, CHST, DHST, Granite Services, Inc., Houston, TX; Stephen Yuan, Aon Risk Solutions - Global Risk Consulting (AGRC), Guangzhou, PRC, TBD

708 Developing a Risk Based Recommended Practice for Fire Resitive Clothing (I)
Sponsored by the Oil & Gas Practice Specialty
In the late 1980s, OSHA published rules for fire resistive clothing in PSM facilities. In 2010, OSHA published further guidance impacting oil and gas. This presentation follows the risk managed approach toward the issue.
Craig A. Brown, P.E., CSP, Independent Oil and Gas Industry, Westminster, CO

709 Evolving Trends in Improving Safety and Security in Schools (B-I)
Sponsored by the Consultants and Public Sector Practice Specialties
Has your emergency response plan evolved as the terrorist tactics have changed? This session will review these changes and what each system needs to focus on to ensure that their plan is the best it can be. Recent innovations will be included.
Larry G. Holloway, CSP, LGHz Safety Services, LLC, Kingsport, TN

710 Meet the Inspectors (I)
Sponsored by the ASSE Government Affairs Committee
In this session an interactive panel of OSHA inspectors and safety professionals discuss the enforcement process from their own perspectives. Join the session and participate in the lively give and take from two experienced OSHA inspectors and two seasoned safety professionals just like yourself.
TBD

711 Integrating Risk Management and Prevention through Design (PtD) Standards (I)
Sponsored by the Engineering and Risk Management Practice Specialties
Relationships between Risk Management principles and PtD will be presented. PtD principles are combined with risk assessment tools to be integrated with ANSI/ASSE Z690.2011. PtD principles/tools should be an integral part of management, practices and the business process of the organization. SH&E professionals could play a significant role in ANSI/ASSE Z690.2-2011 implementation.
Georgi I. Popov, Ph.D., QEP, University of Central Missouri, Overland Park, KS; John N. Zey, Ed.D., CIH, University of Central Missouri, Warrensburg, MO
712 Emergent Leadership: Drive Safety Excellence through Trust, Accountability and Passion (A)
Typically, a safety professional's impact occurs through influence. As a safety professional, you must learn to become an "emergent" leader in the organizations you serve. Learn how to implement the Pareto principle of effective emergent leadership, which rests on these core tenets – building Trust, creating Accountability and inspiring Passion.
David Crouch, Caterpillar Safety Services, Peoria, IL

713 Climate vs. Culture (I)
We all want to have a positive safety culture, but how do we get there? There is no magic wand to wave and suddenly we have a great and positive safety culture. It takes time and effort to achieve this goal. First we must create a climate where the safety effort can grow, before we can effect a culture change. This presentation will lead you to understand how to establish a safety climate that will lead to a positive safety culture.

714 Leading From Within: Awakening Personal Commitment to Safety (A)
To lead safety well, you first need to care about it. This session helps leaders identify their own inherent value for safety (not someone else’s) and shows them how to translate that emotional commitment into concrete behaviors that in turn connect and motivate others.
James B. Spigener, Behavioral Science Technology, Inc. (BST), Ojai, CA

715 The Synergy of Environmental Health and Safety and Sustainability (A)
Sponsored by the Environmental and Manufacturing Practice Specialties
Corporate social responsibility and sustainability initiatives present innovative, synergistic business objective achievement and career advancement opportunities for environmental, health and safety professionals. These workforce and environmentally friendly practices impact profitability and are judged, via published metrics, as hallmarks of business success on a profit equivalent plane.
Louise E. Vallee, CSP, CIH, CPE, Harleysville, a Nationwide Insurance Company, Asbury, NJ

716 Changing Attitudes - The Key to Protecting Workers at Height (I)
Educating users in the proper usage, maintenance and selection of fall protection equipment is paramount to ensuring workplace safety in elevated environments. But training workers at height involves more than simply delivering course content. This session will assist participants with designing, implementing and managing a successful fall protection training program that changes organizational culture and worker attitudes.
Kevin Denis, Gravitec Systems, Inc., Poulsbo, WA

717 Prevention through Design - Slips, Trips and Falls (I)
Sponsored by the Engineering and Ergonomics Practice Specialties
This presentation will review a managed approach to preventing slips, trips and falls with key emphasis on facility design not addressed in the International Building Codes and ADA. Applying human factors with Prevention through Design strategies starting with walkway surface material selection; use of color and contrast at transitions; planning pedestrian travel into a facility, stairway; and entrance design will be discussed.
Wayne S. Maynard, CSP, CPE, ALCM, Liberty Mutual Insurance, Hopkinton, MA

718 Successful Use of Mobile Apps in m-Learning and Risk Communication (B-I)
Sponsored by the Chubb Group of Insurance Companies, m-Learning and Risk Communication Branch
In this “app-crazy” world, SH&E apps abound. Some are useful training tools, and certain digital materials that are not strictly “apps” can be valuable if used properly. In this session you will discover best practices in selecting and using apps and other materials that facilitate m-learning and risk communication.
Margaret Wan, Ph.D., CIH, CHMM, CET, HEM, EOH Consulting, Saint Petersburg, FL

719 DOT Compliance and Auto Safety (I)
Sponsored by the Transportation Practice Specialty
The DOT FMCSA introduced the CSA (Compliance, Safety, Accountability), which is an initiative to improve commercial vehicle safety by targeting the safety problems of both motor carriers and their drivers to reduce crashes and fatalities. This session will focus on the role of DOT regulations as they relate to drivers, employers and customers.
Charles N. Halfen, CNH Safety, LLC, Alpharetta, GA

720 Study Tools and Testing Techniques for Certification Exams (B)
Professional credentialing and continuous professional development are critical tools in the career of an EHS professional. This presentation will provide an overview comparison of various recognized professional certifications in the fields of Environmental, Health and Safety. Exam preparation for leading credentials such as the CSP, CHMM, CHMP, CHST and OHST will be discussed in detail along with study methods, tools and testing techniques. Participants will be able to identify accredited professional certifications/designations and recognize the benefits of a sound study plan and curriculum.
Diana M. Stegall, CSP, CFPS, ALCM, ARM, CPCU, United Heartland, Rockford, MN

721 Fundamentals of SH&E: Risk Management 101F
Understanding risk is a critical component in decision making in the workplace, and risk management is an important area that affects safety professionals in all areas and industries. This session will review the basic principles of risk management as they apply to the safety, health and environmental professional.
Margaret Wan, Ph.D., CIH, CHMM, CET, HEM, EOH Consulting, Saint Petersburg, FL

722 Key Issue Roundtable #12
Integration of Ergonomics into a SH&E Management System
Sponsored by the Ergonomics Practice Specialty
It’s your chance to SPEAK UP! Do you have a lesson learned to share with fellow professionals? Are you looking to meet with others with mutual interests? This Key Issue Roundtable will be hosted by the ASSE Ergonomics Practice Specialty in an area of its particular expertise.

723 Where can I find procedures about atmospheric testing in confined spaces?
725  Seven Skills You Must Possess to Be Your Best! (I)
This session will share some changes that are taking place in the workplace and what we must do as EH&S professionals in order to keep up and continue to have success in our profession. Most importantly the 7 key skillsets that today’s EH&S professional must possess to be their BEST will be shared.
Hector M. Escarcega, CSP, ARM, MSIH, BSI, Inc., Los Angeles, CA

726  The S&H Leader as a Successful Business Partner (A-E)
Sponsored by the Management Practice Specialty
Evolving challenges facing safety professionals require new roles/responsibilities of prevention, business integration and motivating leadership. This session describes the most critical roles, responsibilities and the associated skills and competencies. Practical actions to overcome organizational challenges and to fulfill the needed roles/responsibilities will be discussed through case studies and audience participation.
Cathy A. Hansell, J.D., CCSR, Breakthrough Results, LLC, North Venice, CA

727  Construction Safety Forum 2013 (B-I-A)
Sponsored by Westex, the Council on Practices and Standards and the Construction Practice Specialty
In this presentation, organized by the Construction Practice Specialty, a panel of industry experts will provide insight on current issues and concerns in the construction industry. This is an interactive presentation with plenty of audience participation, so expect a lively and engaging discussion.
Neil R. Webster, CSP, OHST, Columbia Construction Company, North Reading, MA; Panel TBD

728  What Not to Do When Converting to the Globally Harmonized System (I-A)
Sponsored by the Industrial Hygiene Practice Specialty
How to be sure that the safety data sheets and product labels for your hazardous chemicals are in compliance with the OSHA Hazard Communication Standard, which was revised in March 2012, to include the Globally Harmonized System established by the UN and with OSHA’s three additional “Hazards Not Otherwise Classified”.
John Baker, CIH, Total Safety EHS Services, Houston, TX

729  Five Approaches to Managing Musculoskeletal Disorders at Work (B)
This session will review the five common approaches currently used to manage work related musculoskeletal disorders (MSDs). A comparison of all approaches, including strengths, challenges and effectiveness will be summarized, presenting current best practices and pitfalls to avoid. Participants will learn proven and cutting edge approaches to successfully controlling and preventing musculoskeletal injuries in the workplace.
Winnie Ip, CPE, Humantech, Ann Arbor, MI; Walter G. Rostykus, CPE, CFIH, Humantech, Ann Arbor, MI

730  Fire Protection & Loss Mitigation for General Industry (I)
Sponsored by the Chubb Group of Insurance Companies and the Fire Protection Practice Specialty
This presentation will walk you through various aspects of property (fire) loss prevention, and through the use of real examples illustrating both good and not so good practices that attendees can take back to their facilities and put into practice immediately to reduce loss.
Alan P. McCartney, CSP, CFPS, CHCM, Tennessee Valley Authority, Chattanooga, TN

731  Employee Maintenance - Onsite Center Creating a “Fit for Duty” Workforce (I-A)
Sponsored by the Risk Management / Insurance Practice Specialty
Kimberly-Clark Professional assumed operation of Jackson Safety in 2009. This facility accounted for 40 percent of the sector’s injuries, employing only 11 percent of the sectors employees, averaging one injury a month. Learn how Kimberly-Clark immediately eliminated repetitive and overuse injuries by addressing employees’ pain through an “Employee Maintenance Center”.
Trent C. Shuford, InjuryFree, Inc., Woodinville, WA

732  Case Study - Implementing a Near Miss Reporting System for Front Line Employees (I)
Sponsored by the Women in Safety Engineering (WISE) Common Interest Group
Epcot has a system whereby leaders could input and track near misses electronically through a sophisticated database. Intuitively we knew there were a lot more near misses than we were seeing tracked in this system. This session will be about our journey to take near miss reporting directly to our front line employees and make a difference in our safety performance including injury prevention.
Kelly A. Bernish, Global SHE Solutions, Cocoa Beach, FL

733  Addressing Mold as a Health Hazard and the Environmental Management of Mold (B)
The presence of mold is very common within many office and industrial environments and can present significant health concerns for employees and risk mitigation challenges for Safety Managers. The development of a proactive mold management strategy can minimize the potential for property damage and bodily injury from this exposure.
Brendan K. Moriarty, MSPH, CSP, CIH, OHST, ALCM, ARM, Chubb Insurance, Glen Ellyn, IL; Eugene P. Wingert, CHMM, ERM, Chubb Insurance, Whitehouse Station, NJ

734  International Country Reports: India and South Korea
734-a  Imparting Safety Training in Construction Through Participatory Approach (B-I-A)
The participation of people in the workforce, who are at risk is an important role, and enables them to influence and contribute towards development of training modules addressing the specific safety aspects for their needs. This session will discuss some innovative methods that have been implemented at construction sites as a result. It will demonstrate the significant impact of participatory learning applied within the context of a developing economy.
R. Bharadwaj, Larsen & Toubro Limited, Chennai, Tamil Nadu, India; Krishna Nirmalya Sen, CSP, Larsen & Toubro Limited, Chennai, Tamil Nadu, India

734-b  An Overview of Worker Safety and Property Protection in South Korea (I)
The session will present a discussion of the evolution of the safety industry within the country of South Korea. This includes a review of worker safety and the role of governmental agencies within the country, as well as fire protection of facilities involved in manufacturing new technologies.
Sam K. Lee, CSP, Samsung Fire & Marine Insurance Co., Seoul, Korea; Steven C. Devereaux, CSP, Samsung Fire & Marine Insurance Co., Seoul, Korea

735  ASSE Government Affairs Committee Update (B-I-A)
Sponsored by the ASSE Government Affairs Committee
Learn how government is affecting safety and health. The Society’s Government Affairs Committee will share the latest from Capitol Hill, safety and health regulatory agencies and the states that could affect the way you practice safety. This session is also an opportunity and great way to share your views on ASSE’s government affairs efforts.
James R. Thornton, CSP, CIH, Huntington Ingalls Industries Newport News Shipbuilding, Newport News, VA; David Heidorn, J.D., American Society of Safety Engineers (ASSE), Des Plaines, IL
736 Risk Management Forum - An Introduction to the Risk Management Implementation Guidelines (A)
Sponsored by the Standards Development Committee and the Risk Management / Insurance Practice Specialty
This session organized by the Risk Management / Insurance Practice Specialty will address the issues and opportunities in using the International Risk Management guidelines. A discussion with an expert panel will provide attendees ample opportunity for questions and answers.
James L. Newberry, CHST, Island Insurance Company, Honolulu, HI; Panel TBD

737 The True Value of Injury and Illness Prevention Programs (B-I-A-E)
With the continuing firestorm of controversy over Federal OSHA attempts to mandate employers implement and maintain an Injury and Illness Prevention Program (I2P2), this presentation affords attendees the opportunity to see past the rhetoric and evaluate for themselves “The True Value of Injury and Illness Prevention Programs”. Charles E. Craig, CSP; Foster Farms Poultry, Turlock, CA

738 Zero Incident Goals Create Risk-Taking Cultures: Learn to Measure What Matters (A)
Sponsored by the Management Practice Specialty
Zero incident programs and goals are the desire of average safety cultures, not excellently-performing ones. How the goals are framed is the difference in excellent performance and excellent results; the two are not interchangeable. This session clearly outlines the difference and provides a framework to achieve sustainability, the biggest differentiator.
Shawn M. Galloway, ProAct Safety, Inc., The Woodlands, TX

739 Using Supervisor Safety Audits as a Leading Indicator (A)
Using safety audits as a leading indicator will provide a safety tool to provide accountability and manage safety using supervisor safety audits. The safety audits concentrate in the safety observational area as well as show professionals how to integrate this program in a unionized environment.
Anthony R. Schiavi, P.E., CSP, ARM, Boston Globe, Boston, MA

740 New Research and Findings from the NIOSH Division of Safety Research (I)
Sponsored by UL PureSafety
This session will provide updates on research from the NIOSH Division of Safety Research that will be of use to safety professionals in a variety of industries. Attendees will learn about new NIOSH products and findings they can use to improve safety in their workplaces.
Dawn Castillo, National Institute for Occupational Safety and Health (NIOSH), Morgantown, WV; Thomas G. Bobick, Ph.D., P.E., CSP, CPE, National Institute for Occupational Safety and Health (NIOSH), Morgantown, WV; Stephanie Pratt, Ph.D., National Institute for Occupational Safety and Health (NIOSH), Morgantown, WV

741 Identifying Target Facilities for Audits Based on Risk Factors (A)
Looking to identify and reduce risk before safety incidents occur? Look for risk where risk resides! Risk levels vary from site-to-site. This session describes a safety audit targeting process that creates an impactful corporate-wide view of risk. This provides leadership with the information needed to continue providing safe work environments.
James A. Burk, CSP; Owens Corning, Toledo, OH; Janet A. Hendry, CSP; Owens Corning, Toledo, OH

742 Occupational Dog Bite Prevention - Training Employees to Protect Themselves (B-I-A-E)
This session features live dogs and allows attendees to experience the full force and reality of a crisis situation that no video or book can deliver. Attendees will be significantly more prepared for an attack, and will learn the differences between defensive and predatory dogs, the advantage of the attacking dog, and what employees need to know to protect themselves.

743 Distracted Driving - A Fresh Perspective (B)
Distracted driving is caused by more than cell phones or texting. Multiple demands pressure us and cause mistakes, which can be tragic when driving. What techniques could we implement to increase awareness behind the wheel? Can we motivate employees to see this as valuable and not just another rule?
Danny W. Smith, SafeStart, Columbiana, AL

744 What Your Employees do When No One is Watching... Understanding the Concept of Safety Culture (A)
Safety Culture is not an enigmatic concept; rather it is the key leading indicator of safety performance. This session will discuss the elements of strong Safety Cultures and how to evaluate and improve safety culture to ensure optimal outcomes for any organization.
Christopher A. Goulart, CSP, ARM, CSHM, CDT, MSSM, RCI Safety, Aurora, CO

745 Spanish Session
Exposure Assessment with Direct Reading Instruments on Construction Sites - Evaluación de la Exposición con Instrumentación de Lectura Directa en la Construcción
En ocasiones, el personal que labora en obras de construcción se ve expuesto a sustancias peligrosas (vapores, gases, polvos y neblinas) como parte de su trabajo. El profesional de la seguridad e higiene ocupacional debe ser capaz de evaluar dichas exposiciones rápidamente para poder sugerir medidas de control para proteger a los trabajadores. Por la temporalidad de las actividades y la variabilidad de las obras de construcción, muchas veces no podemos esperar obtener los resultados de los laboratorios y hace necesario una metodología que nos permita evaluar la exposición en tiempo real con instrumentación de lectura directa en campo.
Jose Carlos Espino, P.E., ITS Panamá S.A., Panamá

746 Key Issue Roundtable #13
Legal Aspects of Training
Sponsored by the Legal Services Branch of the Consultants Practice Specialty, the Human Resources Branch of the Management Practice Specialty and the Training & Communications Branch of the Risk Management / Insurance Practice Specialty
It’s your chance to SPEAK UP!
Do you have a lesson learned to share with fellow professionals? Are you looking to meet with others with mutual interests? This Key Issue Roundtable will be hosted by the ASSE Legal Services, Human Resources, and Training & Communications Branches in areas of their particular expertise.
THURSDAY

1:45 PM-2:45 PM PERIOD X

750 Why Every Safety Professional/Manager Must Understand the Ideas of Peter F. Drucker (E)
*Sponsored by the Consultants, Environmental, Industrial Hygiene & Management Practice Specialties*
Peter F. Drucker is considered the “Father of Modern Management” for his great influence on management and leadership, his many publications, and his influential consulting work with leaders of large organizations. Drucker concepts are a key management foundation for all. Presented by a former student of Professor Drucker.
Jay C. Brakensiek, CSP, MSIH, EMBA, Claremont University Consortium, Claremont, CA

751 Leader Roles in Creating Trust and Open Communication (A)
Early research found correlation between the level of trust in the workplace and reduced accidents. New research validated by over nine years of research in the healthcare and airline industries shows the specific components of communication that build trust. Leaders will learn the six elements of communication that lead to trust building and improved safety performance. Case histories and concrete tools are included.
Rosa A. Carrillo, M.Ed., Carrillo & Associates, Long Beach, CA

752 Engaging the Supplemental Workforce - A Contractor Viewpoint (B)
*Sponsored by the Construction Practice Specialties*
This presentation identifies the challenges posed when hiring short-term, transient workers and provides best practice initiatives to facilitate engagement of the supplemental workforce. The program includes discussion of how owners and contractors can assist each other to engage the temporary workforce and perform safe work activities at customer locations.
Thomas L. Bayer, CSP, Day & Zimmermann Engineering, Construction and Maintenance, Chattanooga, TN

753 Effective Confined Space Entry Team Member Training (I-A)
*Sponsored by the Council on Practices and Standards and the Engineering Practice Specialty*
This session will discuss effective confined space entry team member training in enough detail that the attendee will re-evaluate their own confined space entry program to include some of the training topics discussed for each of the following entry team members: Entry Supervisor, Attendant, Entrant, Atmospheric Tester and Rescue Personnel.
Terry W. Krug, CSP, CIH, EXOSHA, Inc., Bartlett, IL

754 The Value of Fitness for Duty Determinations & Ergonomics in a Changing Workplace (I)
Multiple socio-economic and medical factors have dramatically impacted our populations in the past few decades. Attendees will learn how to apply medical and ergonomic approaches for successful job design and employee placement, i.e., fitness for duty determinations, to result in a safe and productive workplace, achieve regulatory/legal compliance and constrain workers’ compensation and health claims costs.
Howard M. Sandler, M.D., Sandler Occupational Medicine Associates, Inc. (SOMA), Melville, NY; Lloyd G. Hanson, Plymouth Tube Company, Warrenville, IL; Marc A. Turina, MPT, CPE, ErgoSmart, McKees Rocks, PA

755 Mindful Movements in the Workplace (B)
*Sponsored by the Health & Wellness Branch of the Healthcare Practice Specialty*
Delivering a pre-shift exercise/stretching program that is beneficial and sustainable can present challenges. Mayo Clinic used a mind-body approach to develop a unique 15 minute program to improve employee flexibility, balance and mindfulness. Mayo Clinic instructors will demonstrate how to establish a cost effective, time efficient, ‘Mindful Movements’ program within the confines of any work environment.
Michael J. Squillace, CSP, Stephanie Sutherland, and Kim Van Rooy, Mayo Clinic, Rochester, MN

756 The Value of Vulnerability: How to Help Your Workers Realize Their Risk (I)
Creating a heightened risk perception is an imperative first step toward changing behavior. This session will discuss the research on why this is true, provide examples of how to achieve it, and explain how to assess the effectiveness of your training programs in raising risk perceptions.
Anna H.L. Floyd, Ph.D., Floyd Consulting, Broomfield, CO; H. Landis Floyd, II, P.E., CSP, CMRP, Fellow IEEE, DuPont, Elkton, MD

757 The Evaluation, Collection and Management of Exposure Assessment Data (I)
Exposure assessments are required by OSHA standards. Often, assessments are often not performed or limited sampling is done to meet minimum requirements. Assessment does not start or end with sample collection and sampling is only a small part of the process. This presentation will provide an overview of this process.
Michael W. Holton, CSP, CIH, ENVIRON International Corp., Princeton, NJ; Robert C. Adams, CSP, CIH, ENVIRON International Corp., Princeton, NJ

758 Process Safety vs. Personal Safety - Can’t We Get Along With One? (I-A-E)
*Sponsored by the International Practice Specialty*
This presentation differentiates the various aspects of personal safety and process safety in the Oil & Gas industry and integrates both forms of safety with the overall HSE Management System of an organization. Various key features of personal safety and process safety will also be shared, which should be considered for implementation.
Bala Siva Srikanth Adivi, CSP, CMOSH, Kuwait Oil Company, Ahmadi, Kuwait; Abdullah Al Abdul Salam, Kuwait Oil Company, Ahmadi, Kuwait

759 Tools to Evaluate Safety and Health Management through On-site Consultation (I)
OSHA’s On-site Consultation Program developed and uses the Safety and Health Program Assessment Worksheet to evaluate facilities receiving Consultation services. This session will discuss how this tool provides a consistent means to review and help identify the quality of safety and health management systems at worksites.
Patrick A. Showalter, U.S. Department of Labor - OSHA, Washington, DC; Donald Jackson, Tripp Plastics; Joseph H. Nugent, CSP, ARM, Nevada Safety Consultation and Training SCATS, Henderson, NV

760 Risk Managers are from Mars, EHS Professionals are from Venus (B-I-A-E)
For EHS professionals to play an integral role in supporting their organization’s mission, they must demonstrate value beyond compliance efforts. Learn how Enterprise Risk Management can provide a framework for risk and EHS managers to collaborate in controlling a broad array of risks in support of an organization’s mission.
Erike J. Young, CSP, ARM, University of California - Office of the President, Oakland, CA

761 Designing Effective Safety Interventions (I)
This session explores the challenge of improving safety performance through designing effective interventions. Examples of various safety interventions are provided. Key concepts include developing a unified safety intervention strategy and interventions to reduce the impact of human error.
Earl H. Blair, Ed.D., CSP, Indiana University, Bloomington, IN
762 Safety is Not a Gamble: Risk Management Lessons from the Poker Table (B-I)
Sponsored by the Risk Management / Insurance Practice Specialty
A CSP and professional poker coach demonstrates the similarities between safety management and playing poker in this fun and interesting presentation. Learn practical solutions from poker lessons that will help you turn your safety management systems from a gamble into a success!
Ronald B. Gantt, CSP, Safety Compliance Management, San Ramon, CA

763 Safety Stand Downs: Turning a Waste of Time into a Value Added Event (I-A)
Sponsored by the Chubb Group of Insurance Companies
Consider this anomaly: a safety stand down that actually improved safety performance. Learn about one senior level officer’s successful mission to change an unacceptable trend in his company’s safety culture. When good isn’t good enough, here’s how an effective safety stand down can drive safety culture excellence.
Michael M. Williamsen, Ph.D., CSP, Caterpillar Safety Services, a division of Caterpillar Inc., Peoria, IL

764 SH&E Aspects of Green Building (I)
Sponsored by the Chubb Group of Insurance Companies and the Industrial Hygiene Practice Specialty
Rating systems and codes for constructing and operating Green buildings will be discussed along with their five core categories. Those aspects that relate to SH&E will be pointed out and discussed more in-depth. Finally, future trends and professional involvement in SH&E aspects of Green building will be addressed.
Dale W. Walsh, CSP, CIH, Walsh Certified Consultants, Inc., Las Vegas, NV

765 Getting Started with Prevention through Design (I)
Even if you conceptually agree with Prevention through Design (PtD), how do you begin implementing it in your organization? While implementation is not done alone or overnight, this presentation will provide participants with a recommended process and a tool to help them begin employing PtD within their organizations.
Marjory E. Anderson, CSP, The Architect of the Capitol, Washington, DC; Craig J. Galecka, P.E., CSP, LJB, Inc., Okemos, MI

766 High Quality Continuing Education and Training - The IACET Advantage (B-I-A)
Delivering effective professional development requires training providers to adhere to high quality standards. Participants will learn about the ANSI/IACET 1 - 2007 Standard for Continuing Education and Training and hear from ASSE’s Education and Program Development division about their experience using the Standard and becoming an IACET Authorized Provider (AP).
Sara Meier, M.S.Ed, CAE, International Association for Continuing Education and Training (IACET), McLean, VA; Trudy Goldman, ARM, American Society of Safety Engineers (ASSE), Des Plaines, IL

767 Mobile Technology to Improve Workplace Safety and Efficiency (A)
Mobile technology can be used to improve workplace safety and increase the efficiency of a safety program. This session focuses on the breadth of mobile applications that are available to safety professionals for use in enhancing their organization’s safety program performance, and examines a case study that demonstrates the effectiveness of mobile applications.
Andrew Peterson, CIH, Simple But Needed, Oakland, CA

768 Key Issue Roundtable #14
Is There a Need for Safety Engineering in the Safety Profession?
Sponsored by Grainger and the Engineering Practice Specialty
It’s your chance to SPEAK UP! Do you have a lesson learned to share with fellow professionals? Are you looking to meet with others with mutual interests? This Key Issue Roundtable will be hosted by the ASSE Engineering Practice Specialty in an area of its particular expertise.

769 Key Issue Roundtable #15
Best Practices for Fork Truck Operator Training
Sponsored by the Manufacturing Practice Specialty
It’s your chance to SPEAK UP! Do you have a lesson learned to share with fellow professionals? Are you looking to meet with others with mutual interests? This Key Issue Roundtable will be hosted by the ASSE Manufacturing Practice Specialty in an area of its particular expertise.

ANSI/ASSE Standards
- A92 Aerial Work Platforms
- A10 Construction & Demolition
- B11 Machine Guarding
- Z9 Ventilation Systems
- A1264 Slip & Trip Prevention
- OSHA
- Z88 Respiratory Protection
- Safety Management
- Risk Management
- Personal Protective Equipment
- Z359 Fall Protection/Arrest

For the full list of ASSE standards, visit www.asse.org/standards
3:00 PM-4:00 PM PERIOD XI

775 Tools to Support Prevention through Design (PtD) Processes (I-A-E)
Three tools were developed to help water utilities identify, specify and justify facility features that reduce ongoing operating costs as well as injury risk. These PtD assessment tools can be used by safety practitioners for cost justifying, safety related facility design features and demonstrating PtD process value.
Paul S. Adams, Ph.D., P.E., CSP, CPE, Applied Safety and Ergonomics, Inc., Ann Arbor, MI

779 Use of Ergonomic Data in Effective and Defensible Pre-employment Programs (I)
Good ergonomic data is critical in defining the physical, sensory and mental requirements of a job, as well as developing a system to compare an individual’s pre-existing medical conditions with the job stressors. This session will include how to analyze a job, various testing strategies, cost/benefit analysis and ADA, EEOC concerns.
Eric C. Blankenheim, OTR, MSIE, CSP, CPE, Blankenheim Services, LLC, Appleton, WI; Julie Baumann, OTR, Blankenheim Services, LLC, Appleton, WI; Connie Korth, Esq., Blankenheim Services, LLC, Waukesha, WI

780 Building Information Modeling & Fire Protection (I)
**Sponsored by the Fire Protection Practice Specialty**
This presentation will discuss how Building Information Modeling (BIM) technology is currently being applied in the field of fire protection. It will define BIM and will provide recommendations on future additions to the BIM models that will assist the fire protection community in keeping pace with this relatively new technology.
Chris Jelenewicz, P.E., Society of Fire Protection Engineers (SFPE), Bethesda, MD

783 Forensic Analysis of an OSHA Citation Defense (I-A)
**Sponsored by the Construction Practice Specialty and the Legal Services Branch of the Consultants Practice Specialty**
Are you the Perry Mason of Safety at your company? How do you defend an OSHA Citation? Join this discussion to dissect and analyze a specific case that was successfully dismissed. Class participation will compare/contrast the decisions of the case.
Scott Marsh, Manhattan Construction, Tulsa, OK

776 Be Less Tactical; Get More Strategic! (B-I)
As an EHS Professional, corporate executives have an expectation for you to understand how EHS adds value to the business. This session demonstrates how a leading company developed a long-term EHS strategy and will discuss your role as an EHS Professional in its execution. Learn to think and act strategically and impress your leaders.
Christopher R. Mills, John Crane, Wrentham, MA

784 Challenges Posed by RF Radiation Exposure from Wireless Antenna Systems (I)
**Sponsored by the Risk Management/Insurance Practice Specialty**
The proliferation of wireless antennas to support cellular phone traffic demand has created a significant health hazard for workers across the United States: RF Radiation. There are also material financial liabilities for employers, property owners and insurance companies associated with this scientifically recognized health hazard that affects millions of Americans.
Richard J. Burnheimer, RF CHECK, Inc., Del Mar, CA

777 Crane Operator, Rigger and Signal Person Training in Compliance with OSHA 1926.1400 (B-I-A-E)
**Sponsored by the Construction Practice Specialty**
A discussion on the recent Crane Operator, Rigger and Signal Person requirements from OSHA 1926.1400, how they might impact you, how to comply and best practices to satisfy the requirement.
Greg Peters, CCO, American Crane Training & Consulting, Orcutt, CA

785 Would Your Risk Assessment Process Impress Your Insurance Company? (B-I-A)
**Sponsored by the Risk Management/Insurance Practice Specialty**
The parallels between the risk assessment process and how an insurance company evaluates a business varies by businesses to improve safety practices and prioritize improvements. This session will draw on examples of how risk assessment processes are used by businesses to improve safety practices and prioritize improvements.
Michael W. Heembrock, CSP, Chubb Group of Insurance Companies, Portland, OR

778 Regulatory Compliance and Management of Asbestos Containing Materials (I)
**Sponsored by the Construction Practice Specialty**
Asbestos containing materials in the workplace are abundant and highly regulated. Failure to properly manage these building materials can result in excessive fines and long term health hazards for employees. This presentation covers methods of identification, health hazards and compliance assistance for employers in construction and general industry.
Kenneth M. Bogdan, CSP, JA Montgomery Risk Control, Marlton, NJ

781 How to Avoid 10 Common Workplace Health and Safety Hazards (B-I-A)
**Sponsored by Grainer**
Workplace health and safety hazards can be costly. Whether it’s a failure to protect workers against carbon monoxide or a sleep-deprived employee getting into a fatal car accident, every job comes with potential hazards. The good news is that these hazards are largely preventable if the right precautions are taken.
Peter P. Greaney, M.D., WorkCare, Anaheim, CA

782 Far Away and Cannot Be Forgotten: Managing OSH Related Risks for Expatriates / Employees (A)
**Sponsored by the International Practice Specialty**
International work and travel are an integral part of the daily operations of a multinational company and an increasing number of employees work outside their countries of residence as expatriates or international business travelers. This exposes both employees and employers to greater risks. This session will inform decision makers of the Duty of Care responsibilities for their employees (and dependents) who cross borders as part of their work duties and offer guidelines for an appropriate risk management strategy for their organizations.
Eldene E. Pozniak, CRSP, CMIOSH, CHSC, Pozniak Safety Associates, Inc., Saskatoon, Saskatchewan, Canada

786 Case Study: Organic Growth of a Strong Safety Culture (A)
This session will describe the process and results of a safety culture change strategy implemented by multiple sites of a large multinational corporation. Implementation process and results at one site will be discussed in this presentation, as a case study to demonstrate the approach.
John Austin, Ph.D., Reaching Results, Portage, MI
787  Optimizing Human Performance: Reduce Errors - Eliminate Events (B)
Knowing that human error is inevitable and caused by complex factors, Optimizing Human Performance is a risk-based process that prevents, detects, and controls human error before adverse events occur. Recognize the “Traps” that create error-likely situations and how to apply a set of well-defined “Tools” to prevent errors and events.
Thomas E. Harvey, Jr., CSP, Allied Safety Associates, West Columbia, SC

788  Commitment Based Safety: The Only Way to Zero Injuries (I)
Sponsored by the Consultants and Management Practice Specialties
This session will look at the psychology of human commitment. Specific means to engage employees for highest performance in safety will be presented. A don’t miss for any organization wanting to create an injury-free culture.
Robert J. Veazie, People Powered Leadership, Corvallis, OR

789  Implementing NFPA 70E for Arc Flash Safety (I)
Sponsored by Westex
Applying NFPA 70E to real-world situations can be confusing and at times overwhelming. In this informative session, you will be equipped with the knowledge you need to keep your employees safe from electrical hazards. You will learn practical information you can begin to apply immediately at your workplace.
Daryn R. Lewellyn, Lewellyn Technology, Inc., Linton, IN

790  Creating and Using Videos to Enhance Your Safety Training (I)
Improve your safety training by incorporating video-based learning objects designed to convey key concepts, illustrate how to apply these concepts in a work environment, shape attitudes or assess learning. This session explains the steps and equipment needed to design and develop video clips for presentations and will illustrate the process to use them.
Thomas C. Ouimet, CSP, CIH, Yale University / OEHS2, Plantsville, MA; Robert A. Rusczek, CSP, CIH, Certified Safety and Health, Wilbraham, MA

791  Fundamentals of SH&E: Basic Safety Management 101G
Sponsored by UL PureSafety
Many safety professionals are responsible for managing manpower, materials and financial resources in their organizations in order to optimize them for safety and health. This session will provide an overview of management principles as they apply to the safety, health and environmental professional.
Joel N. Tietjens, CSP, CSHM, T-Jens & T-Jens, Inc., Spring, TX

792  Key Issue Roundtable #16 Integrating Safety & Health into Green Construction
Sponsored by the Construction and Industrial Hygiene Practice Specialties
It’s your chance to SPEAK UP! Do you have a lesson learned to share with fellow professionals? Are you looking to meet with others with mutual interests? This Key Issue Roundtable will be hosted by the ASSE Construction and Industrial Hygiene Practice Specialties in areas of their particular expertise.

793  Key Issue Roundtable #17 Leveling the Global Playing Field: Developing & Implementing Valuable Metrics
Sponsored by the International Practice Specialty
It’s your chance to SPEAK UP! Do you have a lesson learned to share with fellow professionals? Are you looking to meet with others with mutual interests? This Key Issue Roundtable will be hosted by the ASSE International Practice Specialty in an area of its particular expertise.

For more information or to place an order visit www.asse.org/publications
ROUND TABLES

Come and participate in the roundtables to gain valuable insights and perspectives direct from SH&E veterans. Share your ideas, challenges and successes in these moderated sessions.

TUESDAY, JUNE 25

10:30 AM - 11:45 AM
523 Key Issue Roundtable #1: Fatigue in Transportation: Latest in Regulations & Research
Sponsored by the Transportation Practice Specialty

3:15 PM - 4:15 PM
547 Key Issue Roundtable #2: Mentoring & Coaching from the Common Interest Group (CIG) Perspective
Sponsored by the Black in Safety Engineering (BISE) and Young Professionals in SH&E Common Interest Groups

3:15 PM - 4:15 PM
548 Key Issue Roundtable #3: Overcoming Obstacles for Success: Consulting Survival
Sponsored by Complete Equity Markets and the Consultants Practice Specialty

4:30 PM - 5:30 PM
571 Key Issue Roundtable #4: Transitioning from Military to a Private Sector SH&E Career: Help & Hints
Sponsored by the Military Branch

4:30 PM - 5:30 PM
572 Key Issue Roundtable #5: Tools to Engage Employees & Effectively Sustain Wellness Programs
Sponsored by UL PureSafety, the Health & Wellness Branch and the Healthcare Practice Specialty

THURSDAY, JUNE 27

9:15 AM - 10:15 AM
696 Key Issue Roundtable #11: Developing and Mentoring the Young Safety Professional
Sponsored by ClickSafety and the ASSE Council on Member and Region Affairs

10:45 AM - 12:00 PM
746 Key Issue Roundtable #13: Legal Aspects of Training
Sponsored by the Legal Services, Human Resources, and Training & Communications Branches

1:45 PM - 2:45 PM
768 Key Issue Roundtable #14: Is There a Need for Safety Engineering in the Safety Profession?
Sponsored by Grainger and the Engineering Practice Specialty

3:00 PM - 4:00 PM
792 Key Issue Roundtable #16: Integrating Safety & Health into Green Construction
Sponsored by the Construction and Industrial Hygiene Practice Specialties

3:00 PM - 4:00 PM
793 Key Issue Roundtable #17: Leveling the Global Playing Field: Developing & Implementing Valuable Metrics
Sponsored by the International Practice Specialty

WEDNESDAY, JUNE 26

10:30 AM - 11:45 AM
622 Key Issue Roundtable #6: Boom or Bust of the Oil Industry: How Do We Safely Manage?
Sponsored by the Oil & Gas Practice Specialty

10:30 AM - 11:45 AM
623 Key Issue Roundtable #7: The Future of Risk Control
Sponsored by the Risk Management / Insurance Practice Specialty

1:00 PM - 2:00 PM
646 Key Issue Roundtable #8: Sustainability 101: What Does This Mean & What’s the Value?
Sponsored by the Environmental Practice Specialty

3:00 PM - 4:15 PM
672 Key Issue Roundtable #9: Power Communication for Women: How to Get Your Message Heard
Sponsored by the Women in Safety Engineering (WISE) Common Interest Group

3:00 PM - 4:00 PM
695 Key Issue Roundtable #10: Emergency Management
Sponsored by the Fire Protection and Public Sector Practice Specialties and the Utilities Branch

PRACTICE SPECIALTIES AND BRANCHES

Over 23,000 of our members are part of a practice specialty or branch. These industry groups give you the opportunity to network with other SH&E professionals in your specific field, share your knowledge with your peers through technical publications and stay informed of the latest SH&E research and developments.

Our Technical Tours are an excellent way to observe different workplaces and provide a review of safety practices in a variety of settings.

All technical tours require an advance payment per person. Register early as tours have limited capacity. Please visit www.safety2013.org for requirements, departure times, full descriptions and details of the tours. Use the codes that begin with TT to register for technical tours.

**TUESDAY, JUNE 25**

**TIMET Corporation**
9:30AM - 12:30PM  
TT5213  Price: $30

Process overview of the different steps in the making of Titanium from sand and tour of the different departments that support the overall process

Requirements: Participants must wear steel-toed shoes with metatarsal tops. (You may bring your own or the facility will provide these shoes with advance notice.) PPE equipment to include flame retardant jackets, ear plugs and eye protection are required and provided by the facility. No pacemakers. Participants must be able to climb stairs. No cameras or video devices permitted.

**WEDNESDAY, JUNE 26**

**Hoover Dam- Bureau of Reclamation-Power Plant**
9:30AM - 1:00PM  
TT6113  Price: $41

History and a tour of the power plant, observation desk, Winged Figures of the Republic and the Intake Tower where safety aspects will be discussed

Requirements: No food or drink permitted with the exception of bottled water.

**Springs Preserve**
9:45AM - 11:45AM  
TT6213  Price: $43

Discover why the Preserve has become an example of sustainable living and a resource for those interested in reducing their carbon footprint

Requirements: Dress comfortably, wear sunscreen, bring water, and wear closed-toed shoes.

**Venetian-Palazzo-Sands ECO360 Sustainability**
1:45PM - 3:15PM  
TT6313  Price: $30

One of the largest LEED certified properties, the tour will include the sustainability measure of solar panels, nanofiltration system and the recycling dock

Requirements: No recording devices on the casino floor.

**THURSDAY, JUNE 27**

**Springs Preserve**
9:45AM - 11:45AM  
TT7113  Price: $43

Discover why the Preserve has become an example of sustainable living and a resource for those interested in reducing their carbon footprint

Requirements: Dress comfortably, wear sunscreen, bring water, and wear closed-toed shoes.

**Las Vegas Motor Speedway**
9:00AM - 11:30AM  
TT7213  Price: $30

Learn about some of the preventive measures that have been put in place to protect the environment, event participation and spectators

Requirements: None. Cameras and recording devices permitted.

**Wyndham Desert Blue Construction Site**
9:30AM - 12:30PM  
TT7313  Price: $30

Tour the construction site, learn information about general contracting along the famous “Strip” and over-coming projects put on hold during the economic downturn.

Requirements: Long pants and work boots. Hard hats will be provided.
Certificate in Safety Management

Learn best practices for implementing a safety management system

Share challenges, craft solutions, and implement the necessary skills to be successful in positioning safety in your organization.

For more information on the Certificate in Safety Management please visit www.asse.org/CSM

Executive Program in Safety Management

Align safety with organizational goals, increase the success of your safety management system and develop clear communication with management.

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THE BEST SH&E EXPO AROUND
Advance your organization by connecting with the products and services that will take your programs to the next level. Whether you enjoy the energizing expo hall or prefer one-on-one approach, you will find opportunities and solutions that fit you and your organization.

KICK-OFF RECEPTION
Start your conference experience off right with our Kick-off Reception Monday at 3:00PM. This is a great opportunity to network with new people and reconnect with old friends.

ASSE BOOKSTORE

EXPO EDUCATION
Exhibitors will bring their insights and expertise to help provide solutions for SH&E challenges. These sessions are integrated into the regular concurrent session program.

CUSTOMIZE YOUR EXPO EXPERIENCE
There is so much to choose from in the exposition hall. Visit our Virtual Expo ahead of time to research exhibitors, search by name, product category or country. You can even request meeting times to make your exposition experience more efficient.

SILENT AUCTION
Visit the ASSE Foundation 19th Annual Silent Auction and bid on numerous items that will benefit students and safety research that touches all of our lives. It is also a great way to promote your organization. Want to donate an item – please contact The Foundation at 847.768.3435.

EXHIBIT HOURS
Monday, June 24 3:00PM - 5:30PM
Tuesday, June 25 9:00AM - 3:30PM
Wednesday, June 26 9:00AM - 3:00PM

EXPO SPONSORED BY
WHAT TYPE OF EXHIBITORS WILL BE IN THE EXPO HALL?

- Air purification systems
- Back support equipment
- Cleaners and solvents
- Construction devices / aids
- EHS universities
- Emergency life equipment
- Emergency signs and labels
- Environmental compliance
- Eye protection and eyewash station
- Face and head protection
- Fall Protection products & services
- Fire protection
- First aid
- Floor products
- Footwear
- Hazard communication solutions
- Hazardous materials control
- Health and wellness programs
- Hearing protection
- Incentive programs
- Industrial hygiene
- Monitoring devices
- Personal protective equipment
- Safety consultative services
- Safety management programs
- Security
- Software
- Sound, noise and vibration control devices
- Storage containers
- Training and education programs and products

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Visit www.asse.org/expo

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Gateway Safety, Inc.
Genuine First Aid
GF&G Instrumentation, Inc.
Glen Raven Technical Fabrics, Inc.
Global Glove & Safety Mfg Inc
Global Safety Labs Inc. (GSL Inc.)
Glove Guard LP
Grace Engineered Products
Grainier*
Gravitec Systems
Gripall, LLC
GSSI
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KMI
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Labelmaster
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LeHigh Outfitters LLC
Lewellyn Technology Inc.
LFS, Inc.
Liberty Glove & Safety
Lincoln Electric
Little Giant Ladders
LJB Inc.
Majestic Glove
Mancomm, Inc.
Marshall University - Safety Technology Program
Martor USA
Master Lock Company
MCR Safety
Med-e-Screen
Medtox Laboratories
MEGAComfort International
Meltric Corporation
Miller Electric Mfg. Co.
Millersville University of Pennsylvania
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MPS Centurion
MSA
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Oakland University
Occupational Health & Safety
OHDA
Onox, Inc.
Open Range Software LLC
Orr Safety Corporation
Pacific Handy Cutter, Inc.
Peavey Performance Systems dba Safety Jackpot
Pelsue
PenSafe
Physio-Control, Inc.
PICS
Pigeon Mountain Industries, Inc.
Polartec, LLC
Portagas, Inc.
Power Pusher, Division of Nu-Star, Inc.
Predictive Solutions
Primus Electronics
Princeton Tec
ProAct Safety
ProcessMAP Corporation
Protective Industrial Products
PS Doors
Pyramex Safety Products
Radians Inc.
RAE Systems
RCI Safety
Red Wing Brands of America
Region VI OSHA Ed Center at UTA
Reliance Fall Protection
Rigid Lifelines
Ringers Gloves
Riverside Manufacturing Company
Roco Rescue
Rooftop Anchor, Inc.
RU2 Systems, Inc.
S&W Technologies
S.E. International, Inc.
SAFEmap
SafeStart*
Safetec
Safety Performance Solutions, Inc.
Safety Solutions, Inc
Safety Source Productions
Safetycal*
SafetyFirst Systems, LLC
Savevision, LLC
Sandler Occupational Medicine Associates, Inc. (SOMA)
Save A Back, Inc.
SAWSTOP
Scaffold Training Institute
Scantron Corp.
Scott Safety
SE Oklahoma State University
Sellstrom Manufacturing Company
Sensit Technologies
Shoes For Crews
Showa Best Glove
Simple But Needed
SiteHawk
Skedco Inc.
Slice, Inc.
SlipDoctors
SlipNOT Metal Safety Flooring
SPAN International Training LLC
Speakman Company
Specialized Safety Products
Spiramid
Sportex Safety
Squwincher Corporation
SRmax Slip Resistant Shoes
STOKO, an Evonik Brand
Summit Training Source
Sunstrom Safety Inc.
Superior Glove Works Ltd.
Superior Mfg Group
System Improvements (TapRooT)
TAPCO (Traffic & Parking Control)
TECGEN® SELECT
Technology Research Corporation - TRC
TenCate Protective Fabrics
Tiger-Vac
Total Safety
Tractel Ltd. - Fallstop Division
Traffic Logix
TSI, Inc.
Tuff Bucket, Inc.
TUFTUG Products
Turning Technologies
Tynsdale Company Inc.
UAB, Meng-Advanced Engineering and Safety Management
UL PureSafety*
Unistrut Construction
University of Central Missouri, Safety Sciences
US Chemical Storage
US Diagnostics
Vinatronics High Visibility Apparel
Warwick Mills (TurtleSkin)
Web Devices Fall Arrest Systems
Wells Lamont Industrial
Werner Company
Westex*
Wiley X Inc.
Winter Walking
Wooster Products Inc
WorkCare, Inc.
Work Concepts
Workrite Uniform Company
Zefon International, Inc.
ZOLL Medical Corporation

* Sponsors
# PRE AND POST CONFERENCE SEMINARS

## PRE-CONFERENCE SEMINARS

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<td>324</td>
<td>Planning, Developing, Management and Tracking the Organizational Performance of EHS Initiatives and Programs: A Mini Safety MBA</td>
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<td>325</td>
<td>Basic Electrical Safety/Arc Flash with Application of NFPA 70E</td>
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<td>326</td>
<td>Incident Investigation and Root Cause Analysis</td>
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<td>327</td>
<td>Industrial Hygiene for the Safety Professional</td>
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<td>328</td>
<td>Prevention Through Design Workshop</td>
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<td>Becoming an Effective Independent Consultant</td>
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<td>The Politics of Safety</td>
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<td>Risk Management Primer for the Safety Professional</td>
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<td>Human Factors Analysis and Classification System (HFACS) for Tracking and Preventing Accidents</td>
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<td>Targeted Accident Prevention</td>
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<td>Transformational Safety Leadership</td>
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<td>Fire Protection Systems</td>
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<td>Occupational Risk Assessment Strategies</td>
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<td>Successful Business Partnering for Safety and Health Professionals</td>
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<td>416</td>
<td>Building a Management System with a Systems Thinking Foundation</td>
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<td>417</td>
<td>Fall Protection in Construction</td>
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<td>418</td>
<td>People-Based Safety: The Human Dynamics of Achieving an Injury-free Workplace</td>
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<td>419</td>
<td>Training Supervisors to Become Safety Coaches</td>
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<td>420</td>
<td>Pre-Accident Investigations Workshop</td>
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## POST-CONFERENCE SEMINARS

<table>
<thead>
<tr>
<th>Number</th>
<th>Seminar</th>
<th>Thursday June 27</th>
<th>Friday June 28</th>
<th>Saturday June 29</th>
<th>Sunday June 30</th>
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<tbody>
<tr>
<td>801</td>
<td>Half-Day Math Review (2:00PM - 6:00PM)</td>
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<tr>
<td>810</td>
<td>Implementing a Comprehensive Strain/Sprain Prevention Process</td>
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<td>811</td>
<td>Becoming an Effective Safety Change Agent</td>
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<td>Techniques for Building a World-Class Safety System</td>
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<td>813</td>
<td>Risk and Crisis Communication Workshop</td>
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<td>814</td>
<td>Legal Issues and Exposures for the Safety Professional</td>
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<td>Lockout/Tagout (LO/TO) A-Z</td>
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<td>816</td>
<td>Creating Safety Training Programs that Work</td>
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<td>817</td>
<td>Principles of Leadership</td>
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<td>818</td>
<td>Establishing Your Place in the C-Suite</td>
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<td>819</td>
<td>Culture Change: A Diagnostic and Action-Planning Framework</td>
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<td>821</td>
<td>Safety Management II</td>
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<td>822</td>
<td>Global Environmental, Health and Safety Management</td>
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<tr>
<td>831</td>
<td>ASP Exam Preparation Workshop</td>
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<td>832</td>
<td>OHST Exam Preparation Workshop</td>
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<td>833</td>
<td>CHST Exam Preparation Workshop</td>
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<td>834</td>
<td>Managing the Business Aspects of Safety</td>
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# PRE & POST CONFERENCE EVENTS

## PRE-CONFERENCE
June 21-24 | 7:00AM - 7:45AM
Pre-Conference Registration Open

June 21-24 | 8:00AM - 4:30PM
Pre-Conference Safety Training Seminars

## POST CONFERENCE
June 27-30 | 7:00AM-7:45AM
Post-Conference Registration Open

## Pre-Conference Seminars June 21-24
- Choose from more than 50 topics
- Earn up to 5.3 CEUs
- Prepare for your ASP, CSP, CHST, OHST, or CHMM examination
- Complete required seminars for the ASSE Certificate in Safety Management, the Executive Program in Safety Management or other seminars that will satisfy the elective requirement for these certificate programs
- Network with other SH&E professionals

### CEUs for seminars
- 1 day = .7 CEU
- 2 days = 1.4 CEUs
- 3 days = 2.1 CEUs

Please refer to the website and registration for detailed seminar descriptions and complete information.

## PRICES

<table>
<thead>
<tr>
<th>One Day Seminars – June 21, 23, 24 or 28</th>
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<tr>
<td><strong>Member</strong></td>
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<tr>
<td>Early registration</td>
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<th>Executive Program in Safety Management Seminars 121, 321 June 21-22 or June 23-24</th>
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<td><strong>Member</strong></td>
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<td>Early registration</td>
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<td><strong>Member</strong></td>
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<tr>
<th>PDC &amp; Fall Protection Symposium – June 25-28</th>
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<td><strong>Member</strong></td>
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<td>Early registration</td>
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<th>Fall Protection Symposium Only – June 27-28</th>
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<td><strong>Member</strong></td>
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<td>Early registration</td>
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<td>Regular registration</td>
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<td>Late registration</td>
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### CERTIFICATION PREPARATION

**FRIDAY, JUNE 21**

111 Math Review for Certification Exams
1 Day / .7 CEUs
This is an intensive review of essential math skills specifically designed for those preparing for certification examinations (ASP, CSP, CHST, OHST).

**Learning objectives:**
- Conversions
- Dimensional analysis
- Number manipulation
- Shapes and formulae
- Graphing
- Algebra
- Trigonometry
- Operation of a scientific calculator

**THURSDAY, JUNE 27 (2:00–6:00PM)**

801 1/2 Day Math Review
3 Day / .4 CEUs
This four-hour review of math concepts and applications is intended for those desiring either to introduce or reacquaint themselves with essentials skills required for certification exams. The following areas will be covered during the seminar: calculator operation; conversions; algebraic equations manipulation including solving simultaneous and quadratic equations and word problems; and trigonometry.

**SATURDAY, SUNDAY & MONDAY, JUNE 22-24**

231 ASP Exam Preparation
3 Days / 2.1 CEUs
This workshop will prepare you for the BCSP’s Safety Fundamentals Examination, which leads to the ASP designation. You will review more than 350 problems addressing all sections covered by the exam.

**Learning objectives:**
- Recognizing, measuring, evaluating, and controlling SH&E hazards
- SH&E training and management
- Business principles, practices and metrics in SH&E practice
- Identify areas where additional preparation is needed
- Become familiar with resources available to prepare for the exam
- Utilize information about certification requirements and scoring procedures in your test preparation
- Review content material utilizing a testing format

232 CSP Exam Preparation
3 Days / 2.1 CEUs
This workshop is designed to prepare individuals for the Comprehensive Practice Examination leading to certification as a CSP. The workshop consists of lectures, sample problems, and discussions on a variety of subjects essential to prepare the student for the exam.

**Learning objectives:**
- Collecting, assessing, managing SH&E and security risk
- Concepts of probability, statistics and basic sciences
- Engineering: safety and environmental, occupational health, fire protection
- Applied management principles, ergonomic analysis, risk management
- Legal/regulatory and issues in SH&E and security
- Workers’ Compensation

Be sure to submit your application for certification at www.bcsp.org

**SATURDAY, SUNDAY & MONDAY, JUNE 22-24**

831 ASP Exam Preparation
3 Days / 2.1 CEUs
This workshop will prepare you for the BCSP’s Safety Fundamentals Examination, which leads to the ASP designation. You will review more than 350 problems addressing all sections covered by the exam.

**Learning objectives:**
- Recognizing, measuring, evaluating, and controlling SH&E hazards
- SH&E training and management
- Business principles, practices and metrics in SH&E practice
- Identify areas where additional preparation is needed
- Become familiar with resources available to prepare for the exam
- Utilize information about certification requirements and scoring procedures in your test preparation
- Review content material utilizing a testing format

832 OHST Exam Preparation
3 Days / 2.1 CEUs
This seminar will help identify potential problem areas, recommend resources available to prepare for the exam, explain certification requirements and scoring procedures, review content material utilizing a testing format, and minimize test shock.

**Learning objectives:**
- Fundamentals: calculator, mathematics, statistics, chemistry, physics
- Engineering technology
- Basic and applied sciences
- Law, regulations and standards
- Control concepts
- Pre-event survey and inspection techniques
- Post-event Investigation
- Data computation and recordkeeping
- Education, training and instruction

833 CHST Exam Preparation
3 Days / 2.1 CEUs
This seminar provides CHST education and experience requirements and over 200 questions addressing the eight areas to be covered by the exam.

**Learning objectives:**
- Safety program management and administration
- OSHA regulations and inspections
- Training and orientation
- Hazard communication
- Inspections and audits
- Job hazard analysis/pre-job planning
- Accident investigation
- Recordkeeping requirements

**Certification Preparation Workshop Instructors**

- C. David Langlois, CSP, Michael Weigand, CSP, Langlois, Weigand and Associates, Inc., Baton Rouge, LA
- Steven P. Pereira, CSP, President, Professional Safety Associates, Denham Springs, LA
- Daniel J Snyder, M.Ed, CSP, CHMM, CET, SPAN Safety Workshops, Nixa MO

ASP, CSP, CHST, OHST and Math Review Workshops: Attendees will need to use scientific calculator TI-30X IIS in these workshops. These calculators will be included in the cost of and provided in the Math Review seminar. ASP, CSP, CHST and OHST attendees who do not attend the Math Review seminar may bring their own TI-30X IIS calculator or purchase one at the registration desk.
### CERTIFICATE IN SAFETY MANAGEMENT | Required Seminars

<table>
<thead>
<tr>
<th>SATURDAY, SUNDAY &amp; MONDAY JUNE 22-24</th>
<th>SATURDAY, SUNDAY &amp; MONDAY JUNE 22-24</th>
<th>FRIDAY &amp; SATURDAY JUNE 28-29</th>
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<tbody>
<tr>
<td>234  Safety Management I</td>
<td>235  Corporate Safety Management</td>
<td>821  Safety Management II</td>
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<tr>
<td>3 Days / 2.1 CEUs</td>
<td>3 Days / 2.1 CEUs</td>
<td>2 Days / 1.4 CEUs</td>
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<td>Through examples, case studies and other resources, this seminar provides a foundation of fundamental elements and techniques for managing an effective safety system.</td>
<td>Corporate Safety Management provides a forum to share challenges, craft solutions, and implement the necessary skills to be successful in positioning safety in your organization.</td>
<td>Review case studies to learn measurement techniques with recommendations for implementation. This seminar may be taken as a continuation of Safety Management I or as a stand-alone seminar for those who wish to strengthen an existing safety management system. Bring a copy of your current policy and rules.</td>
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<td>Learn to:</td>
<td>Learn to:</td>
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<tr>
<td>• Establish accountability for safety efforts</td>
<td>• Design your safety management system to support business objectives</td>
<td>• Conduct an effective safety audit</td>
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<td>• Implement proven system elements and strategy</td>
<td>• Influence and obtain management support for your safety efforts</td>
<td>• Analyze the ethics of safety-related matters</td>
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<td>• Satisfy the moral, nancial and legal responsibilities</td>
<td>• Demonstrate business acumen and negotiation skills</td>
<td>• Fulfill the expanded safety role and the expectation of your organization</td>
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<td>• Develop policy statements and performance standards to assist the management team in its safety responsibilities</td>
<td>• Achieve work habits necessary for more effective safety management</td>
<td>• Implement strategic safety efforts that will impact the system</td>
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<td>• Control Workers’ Compensation costs</td>
<td>• Adjust safety efforts in response to corporate mergers, downsizing, rightsizing, and reorganizing</td>
<td>• Reinforce safety behavior in your organization</td>
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<tr>
<td>• Create a budget for your safety efforts</td>
<td>• Benchmark your organization’s safety and health system</td>
<td>Joel N. Tietjens, CSP, CSHM, President, T-JENS &amp; T-JENS, Inc., Spring, TX</td>
</tr>
<tr>
<td>Joel N. Tietjens, CSP, CSHM, President, T-JENS &amp; T-JENS, Inc., Spring, TX</td>
<td>Samuel J. Gualardo, MA, CSP, President, National Safety Consultants, Inc., Salix, PA</td>
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### EXECUTIVE PROGRAM IN SAFETY MANAGEMENT | Required Seminars

<table>
<thead>
<tr>
<th>FRIDAY &amp; SATURDAY, JUNE 21-22</th>
<th>SUNDAY &amp; MONDAY JUNE 23-24</th>
<th>THURSDAY, FRIDAY, SATURDAY, JUNE 22-24</th>
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<tbody>
<tr>
<td>121  Reducing Losses from Occupational Health Risks and Environmental Exposures</td>
<td>321  Delivering a High Performance Safety Management System</td>
<td>834  Managing the Business Aspects of Safety</td>
</tr>
<tr>
<td>2 Days / 1.4 CEUs</td>
<td>2 Days / 1.4 CEUs</td>
<td>3 Days / 2.1 CEUs</td>
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<tr>
<td>Reduce the incidence of occupational illness by understanding the relationship between environmental issues and the overall safety and health system.</td>
<td>Sponsored by ClickSafety Designed to assess the effectiveness of your system, this seminar evaluates methods and enables you to continuously measure your safety management efforts.</td>
<td>Practice techniques that will enhance your ability to manage the business aspects of your safety effort and effectively communicate the results.</td>
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<tr>
<td>Learn to:</td>
<td>Learn to:</td>
<td>Learn to:</td>
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<tr>
<td>• Implement practical approaches for reducing the incidence of occupational illness</td>
<td>• Evaluate safety management approaches, techniques and performance</td>
<td>• Demonstrate business communications, ethics, legal liability and contract language</td>
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<tr>
<td>• Identify the most common environmental concerns and consider possible solutions</td>
<td>- Human behavior</td>
<td>- Develop strategic plans and statistical analysis</td>
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<tr>
<td>• Recognize environmental issues and how they relate to the overall safety and health system</td>
<td>- Zero incidents</td>
<td>- Align safety with the business aspects of</td>
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<tr>
<td>- Risk Assessment Process</td>
<td>- Six Sigma</td>
<td>- Financial management</td>
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<tr>
<td>- Process Safety Management</td>
<td>- International system standards</td>
<td>- Insurance and claims management</td>
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<tr>
<td>- Waste Management</td>
<td>- VPP as a model</td>
<td>- Human resource management</td>
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<tr>
<td>• Employ and manage ergonomics</td>
<td>- Critical management activities</td>
<td>- Risk management</td>
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<tr>
<td>• Manage major losses</td>
<td>- Managing safety for profit</td>
<td>- Crisis management</td>
</tr>
<tr>
<td>James “Skipper” Kendrick, CSP, Director, EHS Training, Textron, Hurst, TX</td>
<td>- Return on investment</td>
<td>- Corporate security</td>
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<tr>
<td>Thomas Cecich, CSP, CIH, President, TFC &amp; Associates, Apex, NC</td>
<td>• Integrate safety in the management process</td>
<td>- Develop corporate systems for training, education and resource information</td>
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<td>• Demonstrate system effectiveness by measuring and interpreting results</td>
<td>• Interface with other areas of your organization that can support your efforts</td>
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<td>• Develop leading indicators, corporate-wide standards and international system standards</td>
<td>James “Skipper” Kendrick, CSP, President, Kendrick Global Enterprises LLC</td>
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<td>• Implement safety design standards for new processes, equipment and systems</td>
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PRE-CONFERENCE SEMINARS

SUNDAY, JUNE 23

311 Altering Habits to Improve Safety and Total Organizational Performance
1 Day / .7 CEU

The tremendous power and role of habit in our lives and our organizations has become a subject of much research and commentary. In this seminar, you will learn the latest principles explaining how habits are formed and how they can be altered or replaced to improve individual and organizational performance. You will review using techniques for making modifications to habitual behavior, examining these principles in the context of using safety as a gateway to improving overall organizational performance and profitability.

Learn to:
- Recognize the impact of habits in the lives of individuals and organizations
- Apply knowledge of the habit cycle to safety scenarios in the workplace
- Create a framework for development of safety habits
- Identify and transform destructive habits to positive ones
- Create links between organizational goals and keystone habits

David Natalizia, Principal, United Risk Services, Castle Rock, CO

SUNDAY, JUNE 23

312 The ANSI Z10 (2012) for Continual SH&E Improvement
1 Day / .7 CEU

You can improve performance effectiveness and efficiencies in your organization’s SH&E program by identifying gaps and implementing a custom ANSI Z10 system. In this seminar, you will receive a complimentary copy of the ANSI Z10 2012 standard and learn how to best implement it to achieve a higher level of safety results.

Learn to:
- Implement and explain the ANSI Z10 standard including the mandatory requirements
- Integrate the Z10 standard with other systems such as the ISO 14000, OHSAS 18001 or OSHA VPP
- Apply tools and resources to develop a policy statement, conduct reviews, establish objectives and perform audits that comply with the standard
- Align this standard with the organization’s efforts for sustainable growth and social responsibility

James Howe, CSP, Chair of ANSI Z10, Safety Solutions, Medford, OR

SUNDAY, JUNE 23

313 Using Near-Miss Data for Successful Loss Control
1 Day / .7 CEU

Using incident data to improve safety is nothing new. But what happens when the goal is attained and your accident data starts to lose its statistical significance? Near miss data can help fill in gaps left by dwindling TRIR rates, and provide clear information to focus on. But near miss data is problematic to gather and often misunderstood. Learn how to avoid the common problems and take an important step toward more proactive safety metrics.

Learn to:
- Conduct accurate near miss reporting
- Determine the most effective accident prevention strategies based on near-miss trends
- Use near-miss data to achieve proactive safety management

Terry Mathis, President, ProAct Safety, The Woodlands, TX

SUNDAY, JUNE 23

314 Auditing Safety and Health Management Systems
1 Day / .7 CEU

This seminar will familiarize you with management and quality assurance principles, how to develop a safety and health management system, and present a methodology to audit safety and health management systems. OSHA’s Program Management Guidelines will be used as the template for the seminar presentation, with examples from OHSAS 18000 and ANSI Z10. Techniques on interviewing and scoring employee and supervisor interviews will also be discussed.

Learn to:
- Discuss management systems
- Describe the difference between compliance and management systems audits
- Differentiate between some of the existing safety management systems (VPP, OHSAS 18000 and Z10)
- Locate references for safety management system audit criteria
- Measure and score audits
- Learn techniques for interviewing and scoring employee and supervisor perceptions and organizational culture

* Prerequisites - Students should either have auditing experience, and their company should have some type of established auditing program, not necessarily a health and safety management systems auditing. A basic understanding of management principles or quality programs (e.g., VPPTQM or ISO 9000/14000) will be helpful.

Paul A. Esposito, CSP, CIH, President, STAR Consultants, Annapolis, MD

SUNDAY, JUNE 23

315 Coaching for Improved Safety and Health Performance
1 Day / .7 CEU

Coaching skills, the ability to work with an individual (employee or leader), group, team, or organization to help them get unstuck in their current ways of thinking and acting about safety and health, and to transfer their learning into overall improved results for the organization, is quickly becoming a foundational part of every safety and health professional’s toolbox. Coaching can dramatically increase the service and value you bring to your organization and also provide a different framework for you to work with and get the best performance out of others. By understanding coaching skills you will learn how to move beyond a “safety cop” to an enabler and partner to those within the organization. In this seminar, you will learn to excel in coaching, identify the differences between coaching and performance management as it relates to safety, and share an easy-to-apply coaching model.

Learn to:
- Describe the key roles and types of coaching
- Use a recognized coaching model
- Applying coaching techniques, guide your organization’s workforce to better safety and health performance

Katherine A. Hart, Ed.D., CSP, Founder and Principal, ClearVision Consulting, Alameda, CA

SUNDAY, JUNE 23

316 Predicting Errors Using Human Performance Measurement Tools
1 Day / .7 CEU

Studies on human error clearly demonstrate that reducing human error to zero is not possible and that some organizations actually experience an increase in average error rates with traditional error reduction approaches. While you cannot reduce human error to zero, gaining a greater understanding of human error may provide you with the ability to bring the impact of the consequences down to zero. In this workshop, you will learn the results of the latest studies on human error performed by NASA and others and take away tools available to address human fallibility.

Learn to:
- Differentiate between active error and latent error
- Identify error precursors in your workplace
- Implement tools in your organization that are designed to aid your efforts in reducing the consequences of errors to zero

T. Shane Bush, CPT, President, BushCo, Inc., Idaho Falls, ID
Sunday, June 23

317 Mobile Crane and Rigging Safety

1 Day / 1.2 CEUs

The importance of safe crane and rigging operations cannot be overstated. Through detailed analyses, it has been determined that most crane-related incidents could have been prevented had their safe use been considered at a pre-job meeting. It is imperative that everyone involved in crane activities proceed with extreme care and adequate training. This seminar will provide an overview and key resources to adequately prepare for safe crane operations.

Learn to:

- Apply OSHA and ANSI/ASME standards to crane safety practices.
- Identify the types of cranes most frequently used and the safety practices effective for each type.
- Assess crane management for risks associated with assembly/disassembly, inspection and maintenance, rigging principles and pre-lift plans.
- Evaluate crane operators for compliance with requirements, qualifications, responsibilities, and accountability for crane operation safety.

Kimlee Lindgren, OSHA Training Institute, Boston, MA

Sunday & Monday, June 23-24

322 Techniques for Hazard Recognition

2 Days / 1.4 CEUs

Every organization needs a variety of hazard recognition techniques (as many as 20 to 25 different techniques), to be reasonably assured that the majority of hazards are found. In this seminar, you will learn a variety of techniques including: job hazard analysis, the multi-step planning process, the 10 second drill, out-of-view observations, permitting, new equipment reviews, blue print reviews, safety-by-design, and more.

Learn to:

- Use a variety of hazard recognition methods.
- Select the appropriate hazard recognition method for your organization.
- Establish a management system that develops, implements and audits routinely the various hazard recognition techniques needed.
- Train your workforce on a variety of techniques for hazard recognition.

David F. Coble, MS, CSP, President, Coble, Taylor & Jones Safety Associates, Cary, NC

Sunday & Monday, June 23-24

323 Leading Measures of Safety Performance: A Measurement and Metrics Workshop

2 Days / 1.4 CEUs

You will learn the latest methods in measurement as applied to safety management systems. You will examine the proper application and limitations of various safety metrics, determine measurement priorities, learn about communicating with management through leading measurement systems, and identify methods for using measurement as a powerful driver of safety performance.

Learn to:

- Distinguish the roles leading and trailing indicators play in effective safety management systems.
- Recognize key steps in utilizing leading measures and metrics.
- Use basic safety metrics calculations and tools.
- Develop a leading measures implementation strategy specific to your organization.
- Identify pitfalls in establishing performance measurement systems.
- Prepare a report for senior management using leading safety metrics.

Earl Blair, Ed.D., CSP, Associate Professor & Program Director, Safety Management, Department of Applied Health Science, Indiana University, Bloomington, IN; Barry S. Spurlock, Esq., CSP, CEO – Consultant, Spurlock & Higgins LLC, Louisville, KY

Sunday & Monday, June 23-24

324 Planning, Developing, Managing and Tracking the Organizational Performance of EHS Initiatives and Programs: A Mini Safety MBA

2 Days / 1.4 CEUs

You may not have had time to pursue an MBA, but you can get a sampling of the content of a graduate-level business program with a safety slant. In this seminar, you will learn strategy for planning, developing, managing and tracking the performance of your safety programs. Through lecture and team participation, you will accomplish these objectives:

Learn to:

- Describe tangible and intangible values commonly used to make business decisions.
- Using provided software, conduct a Value Priority Analysis to determine business value ranking.
- Use EHS Balanced Scorecard techniques to develop effective objectives and targets.
- Using provided software, conduct financial analysis of EHS initiatives.
- Using a provided presentation template, develop a management-level presentation of a sample initiative.

All software tools will be provided to participants for their future use.

David E. Downs, CSP, CIH, QEP, CPEA, President, EHS Management Partners, Inc., Excelsior, MN; William L. Heim, CSP, CIH, Principal Consultant, Alliance Health and Safety, Shoreview, MN

Sunday & Monday, June 23-24

325 Basic Electrical Safety/Arc Flash with Application of NFPA 70E

2 Days / 1.4 CEUs

This seminar has been revised to cover the updated 2012 edition of NFPA 70E electrical safety and arc flash requirements. You will learn to meet OSHA and NEC standards and implement an electrical hazard-control and management program for your organization.

Learn to:

- Describe engineering design and management requirements and practices including application of the 2012 National Fire Protection Association (NFPA) 70E electrical safety requirements.
- Discuss the basic principles of electricity, including basic circuitry and electrical units and engineering controls.
- Identify hazards of electricity to the human body.
- Explain general requirements for electrical installations, wire design and protection, and hazardous locations.
- Apply safety-related work practices for energized systems, including the assignment of protective clothing, other personal protective equipment (PPE), and approach and flash boundaries utilizing NFPA 70E and IEEE 1584 arc flash calculations.
- Implement training requirements for qualified persons.
- Establish an electrical safety program.
- Demonstrate skills learned through hands-on laboratory sessions on basic principles, reverse polarity, risk assessment, and PPE/personnel protection assignment based on shock and arc flash potential.

Paul A. Zoubek, CSP, CIH, Principal, Zoubek Consulting, LLC, San Diego, CA

Have questions?
Call +1.847.699.2929 to reach Karen, Kathy, Nancy or Tasia in Customer Service

51
PRE-CONFERENCE SEMINARS

SUNDAY & MONDAY, JUNE 23-24
326 Incident Investigation and Root Cause Analysis
2 Days / 1.4 CEUs
All accidents, injuries, illnesses and near-miss incidents should be investigated to determine the cause(s) so that appropriate corrective (remedial) action can be taken to prevent similar events. In addition, OSHA has requirements for investigating certain job-related injuries and illnesses. Under OSHA 1910.119 Chemical Process Safety Management Standard, all incidents that did or could have resulted in the catastrophic release of highly hazardous chemicals or catastrophic explosions must be investigated by a team within 48 hours. Learn to promptly conduct thorough investigations and identify root cause(s) of the event.
Learn to:
• Interview witnesses and gather facts
• Identify the injury or loss event, the accident event and preceding events associated with the incident
• Draft a report and document, preserve and maintain chain of custody of photos and critical evidence
• Use a causal factors guide to identify all possible causes of the incident and subsequent corrective (remedial) action
• Set up a system for tracking outstanding recommendations
• Document and handle unrelated but important information uncovered in the investigation
Steve Pereira, CSP, President, Professional Safety Associates, Denham Springs, LA

SUNDAY & MONDAY, JUNE 23-24
327 Industrial Hygiene for the Safety Professional
2 Days / 1.4 CEUs
This is an overview of the elements involved with the field of Industrial Hygiene. Learn hazard recognition, evaluation, and control for the participant who is either beginning in the field or in need of an overview refresher course. Practical hands-on case studies will be utilized in developing sampling strategy, sampling methods and use of control measures. A basic review of industrial hygiene equipment and current regulatory requirements will be addressed.
Learn:
• The role of industrial hygiene; PEL vs. TLV; Toxicology vs. hazard; Instrumentation
• Evaluation strategies; Control measures; Indoor air quality; Industrial hygiene reports/calculations
Thomas L. Roberts, CSP, CIH, CHMM, President, Occupational & Industrial Health Systems, Inc., Nacogdoches, TX

SUNDAY & MONDAY, JUNE 23-24
328 Prevention Through Design Workshop
2 Days / 1.4 CEUs
Join us for this workshop on Prevention through Design (PTD) to learn application of the ANSI/ASSE Z590.3-2011 PtD Guidelines in your organization. You will participate in a hands-on practical project, review of designs, and team exercises.
Learn to:
• Execute the steps in the ANSI/ASSE Z590.3-2011 Guidelines using quick start guide.
• Engage your organization in the PtD process with new common language
• Incorporate PtD concepts into your Risk Assessment process
• Define “acceptable risk level” for your organization and PtD process
• Design out causal factors related to life-ending and/or life-altering injuries
• Apply the Hierarchy of Control concepts to eliminate entire categories of hazards in the design process
• Establish procurement and purchasing specifications for equipment
• Create a safe commissioning and start-up of new equipment and processes
David L. Walline, CSP, Global Safety Manager, Owens Corning, Toledo, OH

MONDAY, JUNE 24
407 Becoming an Effective Independent Consultant
1 Day / .7 CEU
This seminar offers hands-on training in basic business operations for those who would like to improve the effectiveness of their consultant practice or would like to make the transition from employee to independent practitioner.
Learn to:
• Establish or more effectively operate an independent consulting practice
• Discuss the most difficult challenges facing the independent consultant
• Create a business plan for optimum performance of the consulting practice
• Conduct key business operations
• Address financial issues
• Construct proposals, contracts and letters of agreement
• Use marketing, sales, financial and practice management in your business
Deborah R. Roy, MPH, RN, COHN-S, CET, CSP, Corporate Director of Health, Safety & Wellness, L. L. Bean, Inc., Freeport, ME

MONDAY, JUNE 24
408 The Politics of Safety
1 Day / .7 CEU
The great safety program you are implementing for your organization can’t be done alone. You need the support of leaders at all levels of your organization and the buy-in of your workforce. The solution is – clout and requires a new set of competencies including political savvy. In this seminar, you will learn how to navigate a political roadmap through your organization.
Learn to:
• Recognize how politics currently play out in your workplace
• Inventory your political status in your organization
• Employ techniques to influence those in power in your organization and increase your clout
• Integrate your role as a safety professional in the political network in your organization
• Use your internal political connections to negotiate for greater support of your safety efforts
Mark Hansen, PE., CSP, CPE, CPEA, Dir. Portfolio Environmental and Risk Management, Natural Gas Partners, Irving, TX

MONDAY, JUNE 24
409 Risk Management Primer for the Safety Professional
1 Day / .7 CEU
Risk management is a critical a part of every organization’s management process and the principles of this discipline are valuable for the safety professional’s efforts. There are some important commonalities for risk management and safety and additional areas of focus in risk management including financial and operational tools that will help safety better align with organizational goals. This overview of risk management is designed to assist safety professionals learn the risk management process and better integrate the safety program with their organization’s risk management function.
Learn to:
• Prioritize your organization’s pre-loss and post-loss objectives
• Identify and analyze liability, property and net income exposures and their impact on your organization
• Discuss the link between accident/loss experience and the cost of insurance, retention and risk transfer mechanisms.
• Apply the risk management process to tactical and strategic issues
Philip E. Goldsmith, CSP, ARM, Deputy Chief for Risk Management, National Gallery of Art, Washington, DC
410 Human Factors Analysis and Classification System (HFACS) for Tracking and Preventing Accidents

1 Day / .7 CEU

Errors in the workplace are often the result of human factors at the organizational, supervisory and front-line level of the company. An innovative method for managing these threats is the HFACS so that accurate analysis and tracking can be conducted and effective intervention programs can be developed. In this workshop, you will learn to implement the HFACS and employ this method to analyze human error in complex systems for more successful safety management.

Learn to:
- Quantify and track human factors associated with accidents, incidents, and near-misses
- Develop data-driven interventions targeting specific forms of human error and those human factors that drive them
- Implement a safety system that recognizes not only what went wrong, but also “what went right” to achieve a more effective safety effort

Scott A. Shappell, Ph.D., Dept., Chair Human Factors and Systems, Embry-Riddle Aeronautical University, Daytona Beach, FL

MONDAY, JUNE 24

411 Targeted Accident Prevention

1 Day / .7 CEU

Advanced safety efforts have moved past prescriptive approaches and towards a risk-based foundation. Standards and regulations such as OHSAS 18001, ANSI Z10, and the forthcoming Federal I2P2 (and others) all rely on programmed risk identification as a basis for their execution. In this seminar, you will learn principles of systematic risk reduction and outline a system for identifying, analyzing, and acting on risks. This approach works well as a standalone process to risk reduction and also as a method of conformance to applicable standards and regulations.

Learn to:
- Apply risk category models and key approaches to risk classification
- Conduct risk identification in varied situations
- Analyze identified risks and plan prevention activities
- Apply management principles for a productive analysis of complex issues

David Natalizia, Principal, United Risk Services, Castle Rock, CO

MONDAY, JUNE 24

412 Transformational Safety Leadership

1 Day / .7 CEU

The concept of transformational leadership was introduced by leadership experts James Burns, Bernhard Bass and B.J. Avolio. According to Burns, transformational leadership can be seen when “leaders and followers make each other advance to a higher level of morale and motivation.” Through the strength of their vision, transformational leaders are able to inspire followers to change expectations, perceptions and motivations to work towards common goals. In this session, you will explore this concept one step further and learn to apply this powerful leadership approach to achieve safety excellence. You will also gain insight into the potential disastrous consequences, if leadership fails.

Learn to:
- Align transformational leadership concepts with safety outcomes
- Effect a value change in your organization’s work teams
- Influence employee behaviors for better safety performance
- Distinguish between safety management and safety leadership

Corrie Pitzer, President, Safemap International, Vancouver, BC Canada

MONDAY, JUNE 24

413 Fire Protection Systems

1 Day / .7 CEU

Many approaches to handling fire protection needs are simple in concept but sometimes challenging in implementation. This seminar will help you improve the way you identify fire risks and develop protection strategies. A selection of important but often overlooked fire protection issues will be discussed. The seminar focus is on practical solutions rather than just code compliance.

Learn to:
- Identify and evaluate critical fire risks and protect options
- Develop, implement, evaluate and improve fire protection processes
- Recognize and manage the impact of changes in your facility and processes on fire protection
- Evaluate fire protection system and feature readiness

Stephen J. Musur, CSP, CFPS, Consultant, Chubb & Son Inc., Chicago, IL

MONDAY, JUNE 24

414 Occupational Risk Assessment Strategies

1 Day / .7 CEU

Risk assessment is a fundamental part of OHSAS 18000 and ANSI Z10 Management Systems, as well as a powerful tool for any safety and health program. A skillfully performed risk assessment can make the difference between proactive and reactive safety management. In this seminar, you will learn the methodology of occupational risk assessments and how to implement these important strategies into your program.

Learn to:
- Implement the risk assessment actions that satisfy the requirements of the OHSAS 18000 and ANSI Z10
- Select an appropriate risk assessment matrix to clearly identify your organizations risks
- Develop and use leading metrics that will quantify the potential for loss and risk reduction in your organization
- More proactively manage safety and health in your organization through the application of occupational risk assessment

Paul A. Esposito, CSP, CIH, President, STAR Consultants, Annapolis, MD

MONDAY, JUNE 24

415 Successful Business Partnering for Safety and Health Professionals

1 Day / .7 CEU

CEOs want their safety and health professionals to easily integrate with colleagues across all spectrums of the business and able to design and execute business strategy. In this seminar, you will learn the business partnering model, re-framing safety and health to a value-add function and collaborator in your organization. You will explore the world of business partnering, learning from models established by safety organizations that have re-positioned themselves for success using this approach. Leave this session with a new vision of how safety should be delivered to your organization, and be ready and equipped to transition from being transactional to transformational.

Learn to:
- Combine technical and consulting knowledge to establish a gateway for business partnering with your organization
- Practice the ten internal consulting competencies that are the framework for business
- Apply a researched and proven eight-step consulting process model to align safety with the business goals of your organization

Katherine A. Hart, Ed.D., CSP, Founder and Principal, ClearVision Consulting, Alameda, CA
PRE-CONFERENCE SEMINARS

**MONDAY, JUNE 24**

416 Building a Management System with a Systems Thinking Foundation

1 Day / .7 CEU

Improving an organization’s management system begins with a commitment from top leadership to continual improvement but can only be successful when the organization’s culture embraces systems thinking. Business and governmental organizations are applying the concepts and tools of systems thinking. Occupational safety and health needs to catch up with this trend. In this seminar, you will participate in a “hands on” experience to learn how to implement an occupational safety and health management system based on the recently revised ANSI Z10 standard. You will then practice systems thinking to maximize the success of your system.

**Learn to:**
- Implement the major common elements of an occupational health and safety management system including leadership, employee participation, planning, monitoring and measurement and management review
- Assess your organization’s management system
- Practice systems thinking and identify anti-system tendencies and concepts.
- Differentiate between program implementation and management system development.
- Identify potential steps to start implementation of a management system continuous improvement process.

James Howe, CSP, Chair of ANSI Z10, Safety Solutions, Medford, OR

417 Fall Protection in Construction

1 Day / .7 CEU

This seminar is intended to provide an overview of the OSHA standards related to fall protection in the construction industry. The focus will be placed upon the information needs of those safety professionals responsible for the direct supervision of affected operations or those who oversee contractors.

**Learn to:**
- Develop and implement an effective fall protection program
- Determine the best methods for protecting employees
- Identify and take steps to comply with the requirements of the relevant OSHA standards
- Identify which OSHA standards have fall protection requirements
- Recognize the difference between fall arrest, restraint and positioning systems, and fall prevention and fall protection
- Conduct training as required by OSHA standards
- Discuss how OSHA enforces the fall protection standards

Kimlee Lindgren, OSHA Training Institute, Boston, MA

418 People-Based Safety: The Human Dynamics of Achieving an Injury-free Workplace

1 Day / .7 CEU

This workshop will help you understand the dynamics of human nature relevant to increasing the kind of involvement in occupational safety that prevents workplace injuries. You will be able to discuss and implement the psychological principles and strategies applicable to improving the human dynamics of your organization and achieving an injury-free workplace.

**Learn to:**
- Utilize principles of people-based psychology, practice and strategies to facilitate a total safety culture
- Increase empowerment, ownership and involvement in occupational health and safety
- Help people develop self-accountability for safety
- Give and receive safety-related feedback
- Align safety management systems to drive positive culture change
- Use assessment, decision making and improvement tools

E. Scott Geller, Ph.D., Senior Partner, Safety Performance Solutions, Professor, Virginia Tech, Blacksburg, VA

419 Training Supervisors to Become Safety Coaches

1 Day / .7 CEU

You can turn supervisors, who are often an obstacle to safety, into safety coaches who can identify and modify the behaviors that cause accidents. The coaching skills taught will also help improve many other areas of worker performance and build supportive relationships between supervisors and workers.

**Learn to:**
- Train supervisors on coaching skills they can use to assist workers in becoming more safe and more productive
- Motivate supervisors to participate in safety efforts and make it an important part of their job description
- Focus safety efforts on a list of precautions that are within the power of supervisors and workers to control

Terry Mathis, President, ProAct Safety, The Woodlands, TX

**MONDAY, JUNE 24**

420 Pre-Accident Investigations Workshop

1 Day / .7 CEU

Accidents, incidents, events, and potential disasters may lurk around every corner or may be staring you right in the face. The Pre-Accident Investigations Workshop will help you create operational learning teams to identify complex conditions and situations in your organization before they cause harm. This workshop applies a new and highly proactive approach to safety management using a process of aligning and developing the capacities of a team to achieve results.

**Learn to:**
- The Workshop participants will understand, strategize, and practice the foundational ideas and concepts of a highly resilient, safety learning organization. Participants will accomplish this objective by learning:
  - Establish operational learning methods and processes
  - Practice the Event Pre-Mortem Concept
  - Employ worker-led learning teams to improve operations
  - Implement the practice the foundational concepts of human performance and high reliability

Todd Conklin, Ph.D., Santa Fe, NM

**MONDAY, JUNE 24**

421 Prevention Through Design

1 Day / .7 CEU

I keep hearing about prevention through design...
and reducing the costs associated with soft tissue injuries in the workplace.

In this seminar, you will learn a comprehensive and time-tested strategy for the prevention of some of the most common and expensive workplace injuries – strains and sprains. This high energy, fun and practical session introduces you to a powerful process for creating a safer workplace, inviting participation at all levels.

Learn to:

- Incorporate ergonomics into your safety efforts as part of the injury prevention process
- Employ strategies for accommodating the aging workforce
- Conduct a practical and effective stretching/warm-up program
- Incorporate ergonomics into your safety efforts as part of the injury prevention process
- Recognize the critical roles of management, supervisors and employees in the injury prevention process
- Implement effective training for supervisors and employees
- Keep your workforce motivated and involved throughout the process
- Identify the critical elements of an effective injury prevention process

World-class safety performance requires a balance between establishing a safety culture characterized by passion and caring, and utilizing a systematic approach to safety. In this seminar, you will learn techniques and tools that will help you connect these two essential components of a high-performance safety system. This proven simple approach to safety is based on multiple case studies of major capital construction projects, with world-class safety performance, that have been executed in a variety of cultures and business environments around the world.

Learn to:

- Use the key elements of a proven approach to delivering excellence in safety performance that includes:
  - Organize management safety steering teams
  - Establish effective safety visions, principles, and strategies
  - Apply techniques that will create a synergy between your organization's culture and systems for a more proactive approach to safety

THURSDAY, JUNE 27
801 Half-Day Math Review
5 Day / .7 CEU

In this four-hour review of math concepts and applications is intended for those desiring either to introduce or reacquaint themselves with essentials skills required for certification exams. The class will start at ground level and quickly proceed to the level at which students must be proficient to work problems representative of the degree of difficulty expected on the exams. The following areas will be covered during the seminar: calculator operation; conversions (simple and extended); algebraic equations manipulation (moving equations around to isolate an unknown) including solving simultaneous and quadratic equations and word problems; and trigonometry (solving right triangles for unknown sides and angles).


FRIDAY, JUNE 28
811 Becoming an Effective Safety Change Agent
1 Day / .7 CEU

Being a safety expert is the starting point in fulfilling your organization's expectations for a world-class safety effort. To advance your work and impact your organization's effectiveness on all levels requires becoming a strategic partner with your leadership. In this seminar, you will connect the dots between your present role as the safety content authority and the path to achieving a new role as the trusted advisor and agent of change.

Learn to:

- Create an impact on all your organization's objectives
- Implement strategies that will advance your organization's values and sustainability
- Demonstrate the ability to balance care for the safety and health of your workforce with the organization's financial objectives
- Influence your organization's leadership as an agent of change

Jim Spigener, Senior Vice President, BST, Ojai, CA

FRIDAY, JUNE 28
812 Techniques for Building a World-Class Safety System
1 Day / .7 CEU

In this workshop, you will learn to develop crisis communications plans and assist with the development of messages that help communicate risks to the audiences of your organization. You will receive hands-on practicum on the process of risk and crisis communications and its applications. This practice is intended to provide you with a greater confidence in the leadership you provide your organization in preparation for and during a crisis.

Learn to:

- Write a Risk/Crisis Communication Plan that navigates organizational constraints
- Create messaging for highly-charged events such as sabotage, safety calamity, health outbreak, death, losses, warnings or environmental crisis
- Upgrade your analytics through message maps and audience profiling
- Use the key components of effective message delivery
- Leverage social media to build credibility during a crisis

Pamela J Walaski, CSP, CHMM, President, JC Safety & Environmental, Inc., Pittsburgh, PA

FRIDAY, JUNE 28
813 Risk and Crisis Communication Workshop
1 Day / .7 CEU

While you are watching out for your organization, you may be exposed to legal liability. Legal liabilities can arise even while you are in compliance. Litigation of disputes has become commonplace and your best defense is being aware of this risk. In this seminar, you will learn how to identify legal risks and protect yourself. Using real life examples, you will learn civil and criminal liabilities for which a safety professional may find themselves exposed in the normal course of their practice.

Learn to:

- Recognize the various liability exposures of a practicing safety professional
- Avoid both the civil and criminal liabilities that are encountered in the workplace
- Protect against the potential liabilities and misperception of unethical practices related to your certifications

Neil A. Feldscher, CIH, CSP, Esq., Chief, EHS Compliance, NYC Environmental Protection, Bureau of Engineering Design & Construction, EHS Compliance Directorate, Corona, NY

814 Legal Issues and Exposures for the Safety Professional
1 Day / .7 CEU
### FRIDAY, JUNE 28

#### 815 Lockout/Tagout (LO/TO) A-Z

| 1 Day / .7 CEU |

Last year, OSHA most frequently gave citations in manufacturing for violation of LOTO (29CFR1910.147). This standard regulates the servicing and maintenance of equipment in which the unexpected energization or startup of the equipment, or release of stored energy could cause an injury. In this seminar, you will learn the A to Z on compliance with this regulation through the development and implementation of a practical written LOTO program, LOTO training program (initial and refresher) as well as equipment-specific LOTO procedures for equipment that does not meet the OSHA eight-point exclusion. You will also have a hands-on opportunity to test a wide range of LOTO devices.

**Learn to:**
- Cite the minimum performance requirements for the control of machines and equipment
- Implement and develop a LOTO plan for your organization
- Provide LOTO training to employees
- Develop tool-specific LOTO procedures for tools that do not meet the OSHA eight-point exclusion

Jay Jamali, CSP, CHMM, EHS Director, Enviro Safetech, Inc., San Jose, CA

#### 816 Creating Safety Training Programs that Work

| 1 Day / .7 CEU |

In this seminar, you will learn how to create training programs that actively engage your trainees using brain compatible learning principles. Discover three key learning patterns that help your trainees focus, pay attention, and remember your content. You will learn how to create instructional programs that accomplish your training goals.

**Learn to:**
- Identify three learning style patterns that indicate the best way to teach
- Discuss brain compatible teaching principles that relate to focus, attention, memory and application
- Improve your ability to create training programs that meet training goals by using the learning style patterns and effective teaching techniques shared in the seminar

Ann Anzalone, National Trainer and Adjunct Professor - Wright State University, Division of Professional Practice; McGregor School of Antioch University Private Practice - Learning Style Assessments, Dayton, OH

### FRIDAY, JUNE 28

#### 817 Principles of Leadership

| 1 Day / .7 CEU |

Meeting the diverse challenges and demands in safety requires strong leaders who can put leadership principles into practice. In this seminar, you will learn the principles that link leadership skills to safety management. You will take away practices that will improve your effectiveness as an influential leader in your organization and enhance the contribution you make to its core business objectives.

**Learn to:**
- Demonstrate the characteristics of an effective leader
- Practice the five levels of leadership as they relate to your role in safety
- Describe the differences between leading and managing
- Better position yourself in your organization to gain influence and be recognized as a leader

M. E. Eddie Greer, CSP, OHST, Director of Business Development, Board of Certified Safety Professionals, Savoy, IL

### FRIDAY, JUNE 28

#### 818 Establishing Your Place in the C-Suite

| 1 Day / .7 CEU |

Your organization’s senior management looks to you for SH&E leadership and will reward you with resources and their support for your efforts. In this seminar, you will learn what the senior management of your organization want to know about SH&E and how to communicate this information with key management. Your knowledge of the organization’s business goals and senior management’s expectations of SH&E will strengthen your bond with the C-Suite.

**Learn to:**
- Demonstrate a general understanding of business language and a foundation from which business decisions are made
- Identify the expectations of the C-Suite for the SH&E process
- Develop, implement, and align SH&E efforts driven by organizational objectives from the C-Suite
- Report on and present SH&E data that gets the attention and involvement of decision-makers

James Boretti, CSP, President, Boretti, Inc., Visalia, CA

### FRIDAY, JUNE 28

#### 819 Culture Change: A Diagnostic and Action-Planning Framework

| 1 Day / .7 CEU |

World-class safety performance is the result of a mix of safety culture, behavior and management systems that is unique to each organization. Without a strategy, there is no road map with which to plot a course, and the safety culture and organizational systems that impact safety performance are often “legacy” leftovers rather than the result of conscious planning for the best outcomes. In this seminar, you will learn a diagnostic and action-planning framework to guide the interaction of organizational culture and management systems for successful safety performance.

**Learn to:**
- Develop a strategic plan for long-term culture change interventions
- Create a framework that becomes the foundation for the restructure of your organization’s safety culture and safety systems

Steve Simon, Ph.D., President, Culture Change Consultants, Inc., Larchmont, NY

### FRIDAY & SATURDAY, JUNE 28 & 29

#### 822 Global Environmental, Health and Safety Management

| 2 Days / 1.4 CEUs |

This seminar is designed for new or experienced EHS managers and consultants working in the international arena. You will walk away with resource materials and problem solving tools to develop, implement and monitor an effective global EHS safety management system. The seminar incorporates British and European safety and health management systems and U.S. based multinational experience.

**Learn to:**
- Discuss strategies for developing, implementing and monitoring a global environmental safety and health management system
- Explain how many U.S. multinationals manage compliance with non U.S. safety and health regulations (Asia-Pacific, Latin America, Europe, Africa and the Middle East)
- Develop an overview and knowledge of the European health and safety directives for your European sites
- Describe how to manage cultural, language and religion issues at non U.S. sites to achieve desired global business results
- Develop a network of safety professionals actively involved in managing global EHS systems

Kathy A. Seabrook, CSP, CMIOSH, President, Global Solutions, Inc., Mendham, NJ
LIKE MILK AND COOKIES

SOME THINGS ARE BETTER TOGETHER

TODGETHER ASSE & BCSP ARE THE PERFECT MATCH FOR SH&E PROFESSIONALS LOOKING TO EARN & MAINTAIN CERTIFICATION

Please visit our websites for more information on how we can help you achieve your career goals.

www.asse.org/certification  |  www.bcsp.com
Falls from height continue to pose serious risks to the health and safety of workers worldwide. As the international voice and forum for fall protection information exchange, the International Society for Fall Protection (ISFP) invites you to participate in the ISFP Symposium on June 27-28, immediately following the American Society of Safety Engineer’s Safety 2013 Professional Development Conference and Exposition.

The ISFP Symposium brings together world-renowned experts in the field of fall protection and provides a platform for attendees to discuss and learn about the most current tools and methods for controlling and eliminating fall hazards. Attendees will learn about the latest advances in the field of fall protection, as well as guidance for safe work at height.

This year, the event’s theme is *Don’t Play the Odds* and will challenge the complacency that is often related to fall hazard risk. The consequences of a fall from height are too significant for anyone—manufacturers, employers or users—to be numb to fall hazard risk.

Throughout the symposium, expert presentations and panel discussions will cover a full range of global fall protection topics, including horizontal lifelines, models for fall arrest testing, and industrial rope access techniques.

**KEYNOTE PRESENTATION**

*Fall Protection: Don’t Play the Odds*

Randall Wingfield – Gravitec Systems, Inc. (U.S.)

**OBJECTIVES**

- To provide a forum for discussion and exchange of fall protection information
- To promote research and further study in key areas affecting work at height
- To facilitate discussion of issues directly impacting the industry
- To generate and implement joint national activities

**HIGHLIGHTS**

- Wrap-up panel discussion with leading fall protection experts
- Technical sessions on topical issues specific to height safety
- Presentation of the Andrew Sulowski Award for Outstanding Contributions in the Field of Fall Protection
- Networking opportunities with peers

**CEUs**

Those attending the ISFP Symposium are eligible to earn 0.8 Continuing Education Units. Those attending the ISFP Symposium and Safety 2013 may earn a total of 2.3 CEUs. To receive CEUs, attendees need to be present for the education hours of the sessions and participate in learning activities provided.

*Please refer to page 61 for pricing.*
EDUCATION SESSIONS

PPE in Boom-Type Mobile Elevated Work Platforms
Karl-Heinz Noetel - BG BAU (Germany)

Design Considerations for Travel Restraint Horizontal Lifeline Systems
Greg Small & Doug Myette - High Engineering Corp. (Canada)

Outdoor Weathering of Synthetic Fiber Ropes in FA Equipment
Andre Lan - IRSST (Canada)

New Performance Factors: Theory and Application for Standards Development
William Parsons - Parsons Engineering Group (Canada)

Harness Attachment Point Testing – Front v. Rear Attachment
Peter Ferguson - First Access (Australia)

Mind the Gap: Preplanning for Rescue
Loui McCurley - Vertical Rescue Solutions by PMI (U.S.)

Should You Require Physical Testing for Employees in Fall Protection PPE?
Robert Whitfield - Honeywell Technology Solutions (U.S.)

Lifeline Design: Calculation of Tensions
Miguel Branchtein - Ministry of Labor and Employment (Brazil)

Lethal Ladders: New Research Calls for Fundamental Rethink
Carl Sachs - Workplace Access & Safety Pty Ltd. (Australia)

Ladder Safety: Three-Point Control
J. Nigel Ellis, Ph.D. - Ellis Fall Safety Solutions (U.S.)

SCHEDULE

Thursday, June 27, 2013
12:00PM - 1:00PM Opening Luncheon
1:00PM - 2:00PM Keynote Address
2:15PM - 5:00PM Technical Program

Friday, June 28, 2013
7:30AM - 8:00AM Breakfast Briefing
8:00AM - 12:00PM Technical Program
12:00PM - 1:00PM Panel Discussion

ABOUT ISFP

Since its inception in 1988, the International Society for Fall Protection (ISFP), a 501 (c) (3) not-for-profit organization, has been dedicated to reducing fall-related injuries and fatalities by promoting research and facilitating communication among industry professionals. Its mission: to be the international voice and forum for fall protection information exchange. For more information about the ISFP, visit www.isfp.org.
Safety 2013 Registration Form

Please print or type. Register on-line at www.SAFETY2013.org or complete this form and fax to +1.847.768.3434 or mail with full payment to ASSE, 33477 Treasury Center, Chicago, IL USA 60694-3400. Register on or before 4/15/2013 and save!

STEP 1 CONTACT INFORMATION

ASSE Member # __________  AIHA/AHMP Member # __________  CSSE Member # __________  ISFP Member # __________  □ Non-Member

Designations (Maximum 2)  □ ARM  □ ASP  □ CSP  □ CIH  □ CHMM  □ OHST  □ P.E.  □ CFPS  □ COHN  □ COHN-S

Please fill out the following information as you want it to appear on your badge and registration confirmation.

Full Name_____________________________________________________________  First Name on Badge_________________________________________

Title _________________________________________________________________  Organization _______________________________________________

Mailing Address:  □ Home  □ Business____________________________________________________________________________________________

City _______________________________________  State/Province ________________  Zip/Postal Code ________________  Country __________________

Business Phone _________________________  Fax _________________________  Email _____________________________________________________

☐ Check here if you do not want email address to be included in your bar coded information used in the exhibit hall.

Are you on  ☐ Facebook  ☐ LinkedIn  ☐ Twitter

STEP 1A REGISTRATION

(Provide the applicable box and enter amount due in the far right column)

<table>
<thead>
<tr>
<th>Early Rate Postmarked on or before 4/15/13</th>
<th>Regular Rate Postmarked 4/16/13-5/31/13</th>
<th>Late Rate 6/1/13- On Site</th>
<th>Amount Due</th>
</tr>
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<tbody>
<tr>
<td>Member $665 $775 $815 $955 $745 $825 $875 $905 $915 $995 $765 $885 $955 $885 $795 $955 $805 $915 $955 $1055 $1095 $1195 $1095 $1195</td>
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<td>CSSE Member / AIHA Member / AHMP Member $795 $835 $885 $795 $835 $885 $795 $835 $885 $795 $835 $885 $795 $835 $885 $795 $835 $885 $795 $835 $885</td>
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<td>Government Rate ** $675 $795 $845 $675 $795 $845 $675 $795 $845 $675 $795 $845 $675 $795 $845 $675 $795 $845 $675 $795 $845 $675 $795 $845 $675 $795 $845</td>
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<td>Member ISFP Symposium Only*** $465 $575 $615 $465 $575 $615 $465 $575 $615 $465 $575 $615 $465 $575 $615 $465 $575 $615 $465 $575 $615 $465 $575 $615</td>
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<td>Non-Member Fall ISFP Symposium Only $605 $715 $750 $605 $715 $750 $605 $715 $750 $605 $715 $750 $605 $715 $750 $605 $715 $750 $605 $715 $750 $605 $715 $750</td>
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* To qualify for student non-member rate you must be able to demonstrate you are carrying 15 or more credits in a full-time capacity at a university or college, and not be employed full time in the SH&E field.

** Only full time local, state or federal government employees eligible; vendors and sub-contractors not eligible.

*** Members of both ASSE and ISFP qualify for this rate. Please fill in the ISFP member number above.

Subtotal for Step 1A ____________________________

STEP 1B GROUP REGISTRATION – Group pricing deadline 5/31/13 for regular rates. See website for information on sending a company group.

Group Code ____________________________ (provided by ASSE)  Group Rate (per person) $_________

<table>
<thead>
<tr>
<th>Group Registration</th>
<th>Early Rate Postmarked on or before 4/15/13</th>
<th>Regular Rate Postmarked 4/16/13-5/31/13</th>
<th>Late Rate 6/1/13- On site</th>
<th>Amount Due</th>
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</thead>
<tbody>
<tr>
<td>10-19 people from same company</td>
<td>$645</td>
<td>$755</td>
<td>$795</td>
<td>$</td>
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<tr>
<td>20-35 people from same company</td>
<td>$645</td>
<td>$755</td>
<td>$795</td>
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</tr>
<tr>
<td>36-59 people from same company</td>
<td>$645</td>
<td>$755</td>
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<tr>
<td>60-90 people from same company</td>
<td>$645</td>
<td>$755</td>
<td>$795</td>
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Subtotal for Step 1B ____________________________

Subtotal for Step 1A / 1B ____________________________

STEP 2 SELECTION OF CONCURRENT EDUCATIONAL SESSIONS – List in the boxes below one session number per time period. See website for titles and session numbers. NOTE: This is to aid in determining room sizes and is not a guaranteed seat.

<table>
<thead>
<tr>
<th>Tuesday</th>
<th>Tuesday</th>
<th>Tuesday</th>
<th>Thursday</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:30AM-11:45AM</td>
<td>3:15PM-4:15PM</td>
<td>4:30PM-5:30PM</td>
<td>9:15AM-10:15AM</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Wednesday</th>
<th>Wednesday</th>
<th>Thursday</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:00PM-2:00PM</td>
<td>3:00PM-4:15PM</td>
<td>10:45AM-12:00PM</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Thursday</th>
<th>Thursday</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:45PM-2:45PM</td>
<td>3:00PM-4:00PM</td>
</tr>
</tbody>
</table>
**STEP 3**  **PRE AND POST CONFERENCE SEMINARS** – For seminar names and codes see website.
Please check the box and if multiple seminars are listed circle the seminar numbers you wish to attend.

<table>
<thead>
<tr>
<th>Early Rate Postmarked on or before 4/15/13</th>
<th>Regular Rate Postmarked 4/16/13-5/31/13</th>
<th>Late Rate 6/1/13 - On site</th>
<th>Amount Due</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PRE CONFERENCE SEMINARS</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>One-Day – June 21, 23 or 24</td>
<td>Member $315</td>
<td>Member $365</td>
<td>Member $385</td>
</tr>
<tr>
<td></td>
<td>Non-member $380</td>
<td>Non-member $415</td>
<td>Non-member $430</td>
</tr>
<tr>
<td>Two-Day – June 22 and 24</td>
<td>Member $675</td>
<td>Member $625</td>
<td>Member $650</td>
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<tr>
<td></td>
<td>Non-member $625</td>
<td>Non-member $675</td>
<td>Non-member $700</td>
</tr>
<tr>
<td>Three-Day – June 22-24</td>
<td>Member $660</td>
<td>Member $710</td>
<td>Member $725</td>
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<tr>
<td></td>
<td>Non-member $710</td>
<td>Non-member $760</td>
<td>Non-member $785</td>
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<tr>
<td>June 21 and 22</td>
<td>Member $625</td>
<td>Member $675</td>
<td>Member $725</td>
</tr>
<tr>
<td>121 Reducing Losses from Occupational Health Risks and Environmental Exposures</td>
<td>Non-member $675</td>
<td>Non-member $725</td>
<td>Non-member $775</td>
</tr>
<tr>
<td>June 23 and 24</td>
<td>Member $625</td>
<td>Member $675</td>
<td>Member $725</td>
</tr>
<tr>
<td>321 Delivering a High-Performance Safety Management System</td>
<td>Non-member $675</td>
<td>Non-member $725</td>
<td>Non-member $775</td>
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</tbody>
</table>

AIHA/AHMP Members are eligible for a $30 discount off the non-member rate ........................................... $ (_______)
PDC Group Registrants are eligible for $25 off one-day seminars and $50 off two and three day seminars for the member or non-member rate ........................................... $ (_______)
No more than one discount applies.

Subtotal for Step 3 .......................................................... $_______

**STEP 4**  **LUNCHES**
Please check one box for Tuesday and one box for Wednesday Lunch if you plan to attend; Thursday Lunch is optional and an additional fee.

<table>
<thead>
<tr>
<th>Tuesday, June 25</th>
<th>L05  Conference Luncheon</th>
<th>L05C Chapter Recognition Luncheon</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wednesday, June 26</td>
<td>L06  Conference Luncheon</td>
<td>L06P Council on Practices &amp; Standards Awards Luncheon</td>
</tr>
<tr>
<td>Thursday, June 27</td>
<td>LP7  Conference Luncheon/Program – Fee $45 (On-Site Fee $50)</td>
<td></td>
</tr>
</tbody>
</table>

Subtotal for Step 4 .......................................................... $_______

**STEP 5**  **TECHNICAL TOURS** – Conference attendees are permitted to register for only one educational tour. See website for full details.

<table>
<thead>
<tr>
<th>Tour Date</th>
<th>Tour Number</th>
<th>Tour Name</th>
<th>Amount Due</th>
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<tbody>
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</table>

Subtotal for Step 5 .......................................................... $_______

**STEP 6**  **GOLF OUTING** – See website for full details.

<table>
<thead>
<tr>
<th>Check the appropriate number and enter amount due in the far right column.</th>
<th>Fee</th>
<th># Attendees</th>
<th>Amount Due</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monday, June 24, Foundation Golf Outing</td>
<td>$160</td>
<td></td>
<td>$</td>
</tr>
</tbody>
</table>

Subtotal for Step 6 .......................................................... $_______

**STEP 7**  **STUDENT ROUNDTABLE PROGRAM**
Tuesday, June 25 ○ 500 Student Roundtable Program 9:30AM-11:30AM

**STEP 8**  **ACADEMIC FORUM**
To attend the Academic Forum, you must be a registered conference attendee AND either a full-time faculty member of a recognized accredited college or university and/or a member of the ASSE Academics Practice Specialty.

Monday, June 24 ○ 400 Academic Forum 10:00AM-3:00PM

**STEP 9**  **METHOD OF PAYMENT** – Full Payment required with registration.

- Visa  
- MasterCard  
- American Express  
- Discover

Check # (payable to ASSE, in U.S. Funds on U.S. Bank) ________

Card Number ___________________________ Exp. Date ________

Signature of Cardholder ___________________________

Cardholder’s name (please print) ___________________________

Grand Total (Steps 1, 3, 4, 5, 6) ........................................ $_______

☐ 999 Check here if you require physically challenged services or have specific dietary restrictions/allergies. You must attach a written description of your needs.
**POLICY & PROCEDURES**

**REGISTRATION**
Take advantage of the early bird discounts by registering on or before April 15, 2013. Registrations that are postmarked by June 10 will be confirmed. After June 10 please call to register at +1.847.699.2929.

**PAYMENT**
A completed registration form, along with full payment to process your registration (your credit card information or company check payable to ASSE), must accompany your registration. Registrations without full payment will not be processed.

**GROUPS SAVE**
Bring ten or more colleagues from your company and save on the entire conference. The more attendees you have and the earlier you register, the more you save! Have your company representative call the ASSE Group Coordinator for full details +1.847.699.2929 or email pdcgroups@asse.org. Your group must be registered by June 15, 5:00 pm CST. Note to Group: If the number of cancellations brings the group size down to a lower discount level, each registrant will be billed the difference between the discount already paid and the next discount level fee.

**SUBSTITUTIONS**
Need to substitute one person for another? Please submit substitutions in writing by June 7 to customerservice@asse.org or fax to +1.847.768.3434. If pricing for the new attendee changes the total cost of attending the conference, you will be charged or refunded for the difference in fees. After June 7 a $85 substitution fee will apply. Substitutions after June 15 will be handled on-site.

**CANCELLATIONS**
Full refunds (yes, that’s right!) will be granted to written requests received by June 3 via email to customerservice@asse.org or fax to +1.847.768.3434. Cancellations received in writing between June 4 and 14 will be assessed the following cancellation fees: Conference (PDC) and/or ISFP Symposium $295; Pre and Post Conference Seminars/Workshops $100 per course. Cancellations received after June 14 will forfeit refunds in their entirety. Refunds will not be issued for any missed sessions or events (Technical tours, Thursday luncheon, etc.), including missed sessions or events due to travel delays or cancellations. We are unable to accept cancellations over the phone. Cancellation notifications must be submitted in writing.

**GOVERNMENT**
A completed government purchase order or training authorization form must accompany your registration form if not paid in full at the time of registration. However, this is not considered payment. Your registration will have a balance due until full payment is received. Registrations received without a PO or training authorization form will be returned.

**NON-MEMBER STUDENTS**
In order to qualify for the non-member student rate, you must be able to demonstrate that you are carrying 15 or more credit hours as an undergraduate in a full-time capacity at a university or college, and not be employed full-time in the safety, environment or health fields.

**PHYSICALLY CHALLENGED**
Whenever possible, arrangements will be made for physically challenged, those with dietary restrictions or allergies provided 90 days written notice. Please include a letter of explanation, your name and phone number, and attach to the registration form. We will contact you to further discuss details.

**EXPOSITION**
If you only have one day to visit the exhibits, we have a one-day only exposition pass that is available at ASSE on-site registration for $95. Advance purchase is not available.

**CONSENT**
Registration and attendance at, or participation in, ASSE conferences and other activities, constitutes an agreement by the registrant to ASSE’s use and distribution of the registration or attendee’s image or voice in photographs, videotapes, electronic reproductions, and audio tapes of such events and activities.

**PROGRAM CHANGES**
Every effort will be made to ensure that the program schedule and events remain as published. However, unforeseen changes may occur. ASSE reserves the right to make changes to the program. Please review the program book on-site for changes.

---

**LETTER OF INVITATION**
ASSE offers an official letter of invitation for Safety 2013 attendees. The visa letter of invitation, though not required for the visa application, can assist as a supporting document. Present this letter of invitation from ASSE to the U.S. Consular Officer during the visa interview. This letter by no means guarantees admission into the U.S., but can provide compelling evidence for immigration officials to consider. Please note that ASSE cannot intervene with either the U.S. embassies abroad or with the U.S. State Department on behalf of any participant.

To receive a customized letter, submit an email to customerservice@asse.org. Please include:
1. Your ASSE member number, if applicable
2. Full name as it is written in your passport following this format: First name/Given name, Middle name or Middle initial, Last name/Family name/Surname
3. Job title
4. Company name
5. Proper mailing address
6. Proper email
Please also include your proper salutation (choose one of the following: Mr., Ms., Mrs., or Dr.).

**VISA WAIVER PROGRAM**
The Visa Waiver Program (VWP) enables nationals of certain countries to travel to the U.S. for stays of 90 days or less without obtaining a visa. Visit http://travel.state.gov/visa for more information.
Location, Location, Location

SAFETY 2013 guests can enjoy cost savings and convenience at the LVH—Las Vegas Hotel & Casino. This hotel is conveniently located just one block from the famed Las Vegas Strip and immediately adjacent to the Las Vegas Convention Center. Your stay will keep you in the middle of all the action and right where you need to be!

LVH - Las Vegas Hotel & Casino
(Headquarter Hotel) 3000 Paradise Rd

- Single/Double Room Type: $129 per night
- Skywalk to Las Vegas Convention Center
- Monorail linked, connecting you to nearly any strip location
- No Resort Fees

Ways to Book
Reservation Deadline is June 3, 2013

onpeak.co/asse  (866) 524 7459 US Toll-free
(312) 527 7300 Local  asse@onpeak.co

Benefits of Booking in the Official Housing Block

Book through onPeak to ensure you pay the lowest price and get the best service with reservation protection, flexibility and assistance—before, during and after your stay.

The Las Vegas Hotel is ASSE’s Headquarter hotel. All activities and events will take place at this hotel or the adjoining Las Vegas Convention Center.

- The lowest available room rates at event hotels have been specially negotiated.
- Other booking channels are monitored to track down rival rates.
- Rates are lowered when necessary and applied to already-booked rooms.

Please note: onPeak is the only official housing company associated with ASSE’s Safety 2013 Conference & Expo. While other hotel resellers may contact you offering housing for your trip, they are not endorsed by or affiliated with ASSE and entering into financial agreements with such companies can have costly consequences. ASSE and onPeak will not be able to assist you if you book outside of the ASSE hotel block.

Government Rated Rooms: Hotels have limited quantities of government rated rooms based on availability at the time of booking.

Rates do not include current tax of 12%, subject to change.
A small portion of the hotel rate listed above includes a housing fee which covers administrative fees.
It takes 3 DAYS TO DIGEST MEAT

DO SOMETHING MORE PRODUCTIVE WITH YOUR TIME

ASP & CSP KICKOFF STUDY WORKSHOP
Let us help you earn your certification

IN JUST 3 DAYS, you can gain the knowledge and confidence you need to pass your certification exams. ASSE Certification Preparation Workshops are taught by the most experienced certification leaders, Langlois, Weigand & Associates, Inc. We are so confident that if you do not pass, you can retake the same workshop for FREE! Visit our website for details on our guarantee.

ASP WORKSHOP
March 11-13 | Des Plaines, IL
March 26-28 | Crystal City, VA
April 8-10 | Dallas, TX

CSP WORKSHOP
March 14-16 | Des Plaines, IL
March 26-28 | Crystal City, VA
April 11-13 | Dallas, TX

MATH REVIEW
March 10 | Des Plaines, IL
March 25 | Crystal City, VA
April 7 | Dallas, TX

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Get more. Go digital.

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Now you can also get the top member benefit on your mobile device with the PSJ app. Visit www.asse.org/professionalsafety or scan your QR code below.
Like a rear view mirror, lagging indicators are essential to tell you where you’ve been and what’s behind you. But to navigate the road ahead, you need to receive and share the right information and leading indicators—in the format you want, live and in real time. Otherwise, you’re rolling the dice and leaving safety to chance.

Since 1998, our web-based enterprise compliance management and reporting systems have been delivering the highest level of functionality, configurability and integration in the industry. Our system empowers you with the most live information, and more ways to quickly view it and share it than any other I.T. solution.

Find out why leaders across a wide variety of industries in over 80 countries trust us as their single vendor solution, for the most cost-effective and time-efficient way to keep their people safe.

“Our zero incident approach weighs 85% for leading indicators versus 15% for lagging indicators.”

– Brad Giles, Vice President, ESH&S URS Corporation

**THE HIGHEST LEVEL OF FUNCTIONALITY IN THE INDUSTRY**

- Incident Reporting, Audits & Investigations
- Tracks, Fires, Spills, Vehicle, NOV’s & More
- JSA / JHA, Observations, Surveys
- Environmental / Sustainability Suite
- Document Library, Lessons Learned
- Corrective Action Tracking
- Online Claim Reporting, Allocations
- Automated Email Alerts, Messaging, Pushed Reports and Key Performance Indicators
- Configurable and Customizable Reports
- Management of Change
- Unlimited Users, Administrators and Locations License

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- Interfaces Easily with All HR, ERP and Legacy Systems
- Sends, Receives and Integrates Data From Any 3rd Party
- Import Any Excel/CSV Spreadsheet Data for Integration with Reporting
- Integrates More Information in Real Time with Live KPI Dashboards
- Supports Multiple Languages, Currencies
- Implements Faster than Any Other System, with Nothing to Install
- Unlimited Online Training, No “Per Seat” Fees, Hundreds of EHS Courses to Choose from, Build Your Own

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www.safety2013.org

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3150 Paradise Rd., Las Vegas, NV 89109

CONFERENCE BROCHURE