Smart safety means maximum uptime.

In an industry where many jobs require protective gear and safety training, you understand that reducing risk means limiting downtime. Dräger has spent the last 125 years creating a line of safety products built to anticipate the dangers of the job, and leave nothing to chance. Our broad portfolio includes over 300 detector tubes and CMS chips, portable and area gas monitors, APRs and SCBAs, and even escape solutions — all designed to protect your team from the hazards they face every day. The result: uninterrupted output and efficient operation.

GET TO KNOW THE DRÄGER PORTFOLIO AT WWW.DRAEGER.COM/ UPTIME

Dräger. Technology for Life®
Big things happen here

Professional Development Conference & Exposition

Only an educational event of this caliber can bring together the most distinguished speakers and strategic sessions covering the latest topics and trends. It’s sure to leave you not only inspired, but up-to-date on the latest evolution of strategies, skills and innovations.

EXPAND YOUR CAPABILITIES, CONNECT WITH YOUR PEERS AND GET INSPIRED

Only an educational event of this caliber can bring together the most distinguished speakers and strategic sessions covering the latest topics and trends. It’s sure to leave you not only inspired, but up-to-date on the latest evolution of strategies, skills and innovations.

TABLE OF CONTENTS

Full Schedule .......................................................... 4
Saturday-Sunday ..................................................... 5
Monday ............................................................... 7-15
Tuesday ............................................................. 17-24
Wednesday .......................................................... 27-34
Roundtables ......................................................... 34
Networking Night Out ............................................. 35
Pre & Post Events .................................................. 36-49
Technical Tours ..................................................... 50
Exposition ............................................................ 51-53
Information
  Policy & Procedures .............................................. 54
  Registration ........................................................ 55-56
  Hotel ................................................................. 57
### Conference & Exposition At-A-Glance

#### Registration Hours

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sunday</td>
<td>10:00AM - 5:00PM</td>
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<td>6:30AM - 5:45PM</td>
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<td>Tuesday</td>
<td>6:30AM - 5:45PM</td>
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<tr>
<td>Wednesday</td>
<td>7:00AM - 3:15PM</td>
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#### Career Center Hours

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
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<tbody>
<tr>
<td>Sunday</td>
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<tr>
<td>Wednesday</td>
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#### Service Center Hours

<table>
<thead>
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<th>Day</th>
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<tbody>
<tr>
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<td>Wednesday</td>
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#### Exposition Hours

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<thead>
<tr>
<th>Day</th>
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<tbody>
<tr>
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<td>9:00AM - 3:30PM</td>
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<tr>
<td>Tuesday</td>
<td>9:00AM - 3:30PM</td>
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#### Thursday, June 4 - Sunday, June 7

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:00AM</td>
<td>Pre-Conference Registration Open</td>
</tr>
<tr>
<td>8:00AM</td>
<td>Pre-Conference Safety Training Seminars*</td>
</tr>
<tr>
<td>7:30AM</td>
<td>ASSE Foundation Golf Outing*</td>
</tr>
<tr>
<td>8:00AM - 4:30PM</td>
<td>Pre-Conference Safety Training Seminars*</td>
</tr>
<tr>
<td>8:30AM - 12:00PM</td>
<td>Service Center Open</td>
</tr>
<tr>
<td>9:30AM</td>
<td>Academic Forum</td>
</tr>
<tr>
<td>10:00AM</td>
<td>Career Center Open</td>
</tr>
<tr>
<td>10:00AM - 5:00PM</td>
<td>Safety 2015 Conference Registration Open</td>
</tr>
<tr>
<td>12:00PM</td>
<td>House of Delegates Membership Meeting</td>
</tr>
<tr>
<td>2:00PM</td>
<td>Attendee Orientation</td>
</tr>
<tr>
<td>3:00PM - 5:30PM</td>
<td>Kick-Off Welcoming Reception / Exposition Open</td>
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#### Sunday, June 7

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>6:30AM - 5:45PM</td>
<td>Safety 2015 Conference Registration Open</td>
</tr>
<tr>
<td>7:30AM</td>
<td>Opening General Session, Bjorn Lomborg</td>
</tr>
<tr>
<td>8:30AM - 5:45PM</td>
<td>Career Center Open</td>
</tr>
<tr>
<td>9:00AM - 10:30AM</td>
<td>Expo Exclusive Time</td>
</tr>
<tr>
<td>9:00AM - 3:30PM</td>
<td>Exposition Open</td>
</tr>
<tr>
<td>9:00AM - 5:45PM</td>
<td>Service Center Open</td>
</tr>
<tr>
<td>10:30AM - 11:45AM</td>
<td>Concurrent Educational Sessions (Period I)</td>
</tr>
<tr>
<td>11:45AM - 12:30PM</td>
<td>Complimentary Conference Luncheon</td>
</tr>
<tr>
<td>11:45AM - 1:00PM</td>
<td>COPS Awards Luncheon*</td>
</tr>
<tr>
<td>12:30PM - 1:00PM</td>
<td>Expo Exclusive Time</td>
</tr>
<tr>
<td>1:00PM - 2:00PM</td>
<td>Plenary Session (OSHA invited)</td>
</tr>
<tr>
<td>2:00PM - 3:00PM</td>
<td>Expo Exclusive Time</td>
</tr>
<tr>
<td>3:00PM - 4:15PM</td>
<td>Concurrent Educational Sessions (Period VI)</td>
</tr>
<tr>
<td>4:30PM - 5:30PM</td>
<td>Concurrent Educational Sessions (Period VII)</td>
</tr>
<tr>
<td>6:30PM - 10:30PM</td>
<td>Tuesday Networking Night Out*</td>
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#### Monday, June 8

<table>
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<tr>
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<tr>
<td>6:30AM - 5:45PM</td>
<td>Safety 2015 Conference Registration Open</td>
</tr>
<tr>
<td>7:30AM</td>
<td>General Session, Bjorn Lomborg</td>
</tr>
<tr>
<td>8:30AM - 5:45PM</td>
<td>Career Center Open</td>
</tr>
<tr>
<td>9:00AM - 10:30AM</td>
<td>Expo Exclusive Time</td>
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<td>10:30AM - 11:45AM</td>
<td>Concurrent Educational Sessions (Period I)</td>
</tr>
<tr>
<td>11:45AM - 12:30PM</td>
<td>Complimentary Conference Luncheon</td>
</tr>
<tr>
<td>11:45AM - 1:00PM</td>
<td>Chapter Recognition Luncheon*</td>
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<tr>
<td>12:30PM - 1:00PM</td>
<td>Expo Exclusive Time</td>
</tr>
<tr>
<td>12:30PM</td>
<td>Expo Fashion Show</td>
</tr>
<tr>
<td>1:00PM - 2:00PM</td>
<td>Concurrent Education Sessions (Period II)</td>
</tr>
<tr>
<td>2:00PM - 3:15PM</td>
<td>Expo Exclusive Time</td>
</tr>
<tr>
<td>2:00PM - 3:30PM</td>
<td>Safety Talks - Student Roundtable Discussions</td>
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<tr>
<td>3:15PM - 4:15PM</td>
<td>Concurrent Educational Sessions (Period III)</td>
</tr>
<tr>
<td>4:30PM - 5:30PM</td>
<td>Concurrent Educational Sessions (Period IV)</td>
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<tr>
<td>4:30PM - 5:30PM</td>
<td>Blockbuster Session (NTSB invited)</td>
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#### Tuesday, June 9

<table>
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<tbody>
<tr>
<td>6:30AM - 5:45PM</td>
<td>Safety 2015 Conference Registration Open</td>
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<tr>
<td>7:30AM - 9:00AM</td>
<td>General Session, Shirzad Chamine</td>
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<tr>
<td>8:30AM - 5:30PM</td>
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<tr>
<td>9:00AM - 10:30AM</td>
<td>Expo Exclusive Time</td>
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<td>9:00AM - 3:00PM</td>
<td>Exposition Open</td>
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<td>9:00AM - 5:45PM</td>
<td>Service Center Open</td>
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<tr>
<td>10:30AM - 11:45AM</td>
<td>Concurrent Educational Sessions (Period V)</td>
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<tr>
<td>11:45AM - 12:30PM</td>
<td>Complimentary Conference Luncheon</td>
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<tr>
<td>11:45AM - 1:00PM</td>
<td>COPS Awards Luncheon*</td>
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<tr>
<td>12:30PM - 1:00PM</td>
<td>Expo Exclusive Time</td>
</tr>
<tr>
<td>1:00PM - 2:00PM</td>
<td>Plenary Session (OSHA invited)</td>
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<tr>
<td>2:00PM - 3:00PM</td>
<td>Expo Exclusive Time</td>
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<tr>
<td>3:00PM - 4:15PM</td>
<td>Concurrent Educational Sessions (Period VI)</td>
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<tr>
<td>4:30PM - 5:30PM</td>
<td>Concurrent Educational Sessions (Period VII)</td>
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<td>6:30PM - 10:30PM</td>
<td>Tuesday Networking Night Out*</td>
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#### Wednesday, June 10

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<tbody>
<tr>
<td>7:00AM - 3:15PM</td>
<td>Safety 2015 Conference Registration Open</td>
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<tr>
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<td>Career Center Open</td>
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<tr>
<td>7:00AM - 4:30PM</td>
<td>Service Center Open</td>
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<tr>
<td>7:45AM - 9:00AM</td>
<td>Concurrent Educational Sessions (Period VIII)</td>
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<tr>
<td>9:15AM - 10:30AM</td>
<td>Executive Summit</td>
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<td>11:00AM - 12:00PM</td>
<td>Concurrent Educational Sessions (Period IX)</td>
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<tr>
<td>12:00PM - 1:30PM</td>
<td>Conference Luncheon, BCSP AOE, Michael Staver*</td>
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<tr>
<td>1:45PM - 2:45PM</td>
<td>Concurrent Educational Sessions (Period X)</td>
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<tr>
<td>3:00PM - 4:00PM</td>
<td>Closing General Session, David Zweig</td>
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#### Thursday, June 11 - Saturday, June 13

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:00AM - 7:45AM</td>
<td>Post-Conference Registration Open</td>
</tr>
<tr>
<td>8:00AM - 4:30PM</td>
<td>Post-Conference Safety Training Seminars*</td>
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</tbody>
</table>

*Additional fee and/or pre-registration required.
WISE RETREAT
7:00 AM - 5:30 PM

Women in Safety Engineering (WISE), an ASSE Common Interest Group, invites you to the WISE Personal Development Retreat. The Retreat is a one-day event focused on women in business and the unique challenges and stresses of being a woman in the occupational, safety and health (OSH) industry. The day will be filled with educational sessions and activities that will go a long way in building your confidence and your network; enabling women in OSH to advance in their careers and advance the practice of the profession.

Early Registration - Register by 3/31/15
ASSE Member $75*
Non-Member $100

Regular Registration - 4/1/15 - 5/15/15
ASSE Member $100*
Non-Member $125

*Prices are for WISE and non-WISE members of ASSE. ASSE Members that are not currently members of the WISE Common Interest Group will receive a complimentary 1-year WISE membership automatically with their WISE Retreat registration.

ACADEMIC FORUM*
Sponsored by the Academics Practice Specialty
9:30AM-3:00PM

The 2015 Academic Forum will highlight student engagement through course design, research, and reflective learning. A lunch-time panel will cover issues in online education and the day will close out with an open forum on issues in academics. Eligible attendees include academicians and members of the Academic Practice Specialty.

9:30AM - 9:40AM
Opening Remarks
Michael O’Toole, Ph.D.

9:40AM - 10:15AM
Construction Site Modeling for Construction Safety Education
Nick Nichols, Ed.D.

10:15AM - 10:50AM
Modular Implementation Success in Nano-Safety: The Impact on Engineering and Technology Majors
Dominick Fazarro, Ph.D., CST; Jitendra Tate, Ph.D.; Walt Trybula, Ph.D.

10:50AM - 11:25AM
Engaging OSH&E Students in Research through a Research and Development Course
Lu Yuan, Ph.D., CSP

11:25AM - 12:00PM
The Use of a Hybrid Delivery Methodology to Promote Active Learning in Upper-Level Safety Courses
David Freiwald, Ph.D., CSP, and Michael O’Toole, Ph.D.

12:15PM - 1:30PM
Lunch Panel: Issues in Online Education

1:30PM - 2:05PM
Use of Reflective Learning in the Education of Safety Professionals
Teresa Budworth, MBA; NEBOSH

2:05PM - 2:55PM
Issues in Academics Open Forum

2:55PM - 3:00PM
Closing Remarks
Michael O’Toole, Ph.D.

SUNDAY SCHEDULE OF EVENTS

7:30AM
ASSE Foundation Golf Outing*

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

9:30AM - 5:30PM
Service Center Open

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

10:00AM - 5:00PM
Safety 2015 Conference Registration Open

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

2:00PM - 3:00PM
Attendee Orientation

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

*Additional fee and/or pre-registration required.

2015 SAFETY MATTERS GOLF TOURNAMENT

Sunday, June 7
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.

$165 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. For more information visit www.asse.org/foundation.
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ISHN

American Society of Safety Engineers
www.asse.org
**OPENING GENERAL SESSION**

*Sponsored by CLMI Safety Training*

7:30AM - 9:00AM  
**How to Make Your Efforts Count: Feeling Good vs. Doing Good**

*Bjørn Lomborg*

Bjørn Lomborg is a celebrated professor, statistician, and author of *Cool It*. Named one of the 100 Most Influential People in the World by *Time Magazine*, Lomborg energizes participants with a controversial and stimulating session on how to prioritize the world’s greatest problems—global warming, world poverty, disease—based on how effective our solutions might be. It’s a thought-provoking and provocative list. The premise is that we can’t solve every problem in the world, so we must ask: Which ones should we fix first?

---

**MONDAY SCHEDULE OF EVENTS**

6:30AM - 5:45PM  
Safety 2015 Conference Registration Open

7:30AM - 9:00AM  
**Opening General Session**  
*Sponsored by CLMI Safety Training*

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

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

9:00AM - 3:30PM  
Exposition Open

9:00AM - 5:45PM  
Service Center Open

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

11:45AM - 12:30PM  
**Concurrent Educational Sessions (Period I)**

11:45AM - 1:00PM  
**Chapter Recognition Luncheon**  
*Sponsored by UL Workplace Health & Safety*

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

12:30PM  
Expo Fashion Show

1:00PM - 2:00PM  
**Concurrent Educational Sessions (Period II)**

2:00PM - 3:15PM  
**Concurrent Educational Sessions (Period III)**

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

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

4:30PM - 5:30PM  
**Blockbuster Session (NTSB invited)**

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**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.*
The National Transportation Safety Board (NTSB) has been invited to address Safety 2015 on the key perspectives of this highly respected Federal Agency tasked with the investigation of transportation incidents and for recommending and advocating actions to improve global transportation safety. The agency’s efforts directly and significantly relate to workplace injuries and fatalities on the roads, air and maritime industries.

**NEW!**

**BLOCKBUSTER SESSION**

4:30PM - 5:30PM

The National Transportation Safety Board (NTSB) (INVITED)

**JUNE 8, 2015**

### TRACK | 10:30AM - 11:45AM (I)

| Business Skills & Personal Development | 501 | Effective Communication Skills for Safety Professionals |
| Construction / Mining | 502 | Crisis Plans & Response Legal Duties When Accidents or Fatalities Occur |
| 503 | A Case Study: Best Practices to Ensure Safety on a Construction Project |
| Emergency Management / Security | 504 | Workplace Violence: It’s About You, Your Management and Your People |
| 527 | Meeting and Exceeding the ANSI Z358.1 Standard for Emergency Equipment |
| Environment / Hazardous Material | 505 | Show Me the Money – Demonstrating the ROI of Your Ergonomics Program |
| Ergonomics | 514 | The Silver Tsunami, Are You Ready for the Shifting Age Paradigm? |
| 516 | ISO/ANSI/ASSE 45001 Forum - Significant Future Impact on Safety |
| Executive | 507 | Safety in Healthcare: Challenges & Opportunities |
| Fire Protection | 508 | Near-Miss Reporting: Applying Behavioral Science to Optimize Safety Culture |
| Healthcare / Wellness | 509 | Hearing Conservation Programs in Construction - New Perspectives |
| Human Behavior / Hospitality | 510-a | Tower Safety in Australia |
| 510-b | Advances in Fire Protection Systems in East Africa: A Case Study |
| Industrial Hygiene / Health | 511 | The Cost of Complacency - Survey Results from the Oil and Gas Industry |
| International | 512 | OSHA's Hazard Communication Revised Compliance Directive - An Enforcement Overview |
| Oil & Gas | 513 | How to Approach and Achieve Success with Your Risk Assessment Training Program |
| Risk Assessment | 514 | The Silver Tsunami, Are You Ready for the Shifting Age Paradigm? |
| 515 | The Changing Face of Loss Control |
| 517 | Accountability on Site: Skills for Resolving Safety Violations |
| 518 | The Tony Crow Story - Safety 24/7 - At Work, Home, & Play |
| 519 | How to Insure that Civility Doesn’t Kill Safety Management |
| 520 | A New ‘Servant’ Leadership Role for the OSH Practitioner |
| Safety Management | 521 | The Sustainability Traction Plan; Opportunities for EHS Professionals |
| Sustainability | 522 | OSHA’s New Confined Spaces in Construction: 1926.1200 Compared with ANSI Z117.1 |
| Technical / Engineering / Standards | 523 | How Does Your Fall Protection Program Rank? |
| 524 | Meeting and Exceeding the ANSI Z358.1 Standard for Emergency Equipment |
| Training / Education | 527 | Top Five Strategic EHS Training Tips |
| Transportation | 526 | Transportation Issues, Distracted Driving, Training, Monitoring and More |
| Fundamentals | 525 | Manufacturing Equipment Safety Best Practices |
| Key Issue Roundtables | 526 | Transportation Issues, Distracted Driving, Training, Monitoring and More |

**NEW!**

**EXPO FASHION SHOW**

12:30PM

PRESENTATION STAGE, MONDAY CONFERENCE LUNCH

ASSE’s Safety 2015 Expo Fashion Show will be the industry’s premiere fashion showcase for the newest work wear, protective clothing, and accessories that are functional, fashionable, and worn. Don’t miss it!

**THE NATIONAL TRANSPORTATION SAFETY BOARD (NTSB) (INVITED)**
<table>
<thead>
<tr>
<th>Track 10:30am – 11:45am (I)</th>
<th>Track 1:00PM – 2:00PM (II)</th>
<th>Track 2:15PM – 4:15PM (III)</th>
<th>Track 3:30PM – 5:30PM (IV)</th>
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</thead>
<tbody>
<tr>
<td>526</td>
<td>530 So You Want to Be a SH&amp;E Consultant? Tips from the Trenches</td>
<td>558 From Safety Leader to Business Partner 2015</td>
<td>586 The Ethical Burden of the SHE Professional</td>
</tr>
<tr>
<td>526</td>
<td>531 Step Up and Be a Leader... Safety Needs YOU</td>
<td>559 Supervisor or Super Coach? The Art and Science of Performance Coaching</td>
<td>587 Communicate to Be Heard and Get Results</td>
</tr>
<tr>
<td>526</td>
<td>532 The Buried Truth Uncovered</td>
<td>560 Understanding Crane Capacities</td>
<td>588 The Top 5 Reasons to Create a Formal Utility Damage Prevention Program</td>
</tr>
<tr>
<td>526</td>
<td>533 ANSI/ASSE A10 Construction Standards - Standards Impacting the Profession</td>
<td>561 Practicing Emergency Preparedness: The Key to a Successful Failure</td>
<td></td>
</tr>
<tr>
<td>526</td>
<td>534 Workplace Violence an Ongoing Risk for Behavioral Health Employees</td>
<td>562 Chemicals, Pesticides and Other Stuff - Oh My, Oh My, How to Comply?</td>
<td></td>
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<tr>
<td>526</td>
<td>535 Fibrous Minerals: More Dangerous than Asbestos?</td>
<td>563 Ergonomics Successes in Setting up a New Production Line</td>
<td></td>
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<tr>
<td>526</td>
<td>536 Integrating Health Protection and Promotion</td>
<td>564 A Healthy Workforce: How Workers’ Comp and Wellness Programs Go Together</td>
<td></td>
</tr>
<tr>
<td>526</td>
<td>537 Combustible Dust: Myths &amp; Mistakes</td>
<td>565 Practicing Emergency Preparedness: The Key to a Successful Failure</td>
<td></td>
</tr>
<tr>
<td>526</td>
<td>538 Understanding the Arc Flash Hazard and Arc Rated Clothing Performance</td>
<td>566 New Global Thinking on Workplace Safety: Insight from Field Work on 5 Continents</td>
<td></td>
</tr>
<tr>
<td>526</td>
<td>539 2015 Global Safety &amp; Health Briefing</td>
<td>567 Personal and Corporate Safety - Related Liability: Who and What can be Sued?</td>
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<tr>
<td>526</td>
<td>538 Integration of Health Protection and Promotion</td>
<td>568 Nanomaterials in Construction: Balancing Worker Risks with Societal Benefits</td>
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<tr>
<td>526</td>
<td>536 How to Manage Process Safety Risk Through Craft Worker Competency Verification</td>
<td>569 New Global Thinking on Workplace Safety: Insight from Field Work on 5 Continents</td>
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<tr>
<td>526</td>
<td>534 Seven Leadership Lessons to Optimize Safety Engagement: How to Make it Happen</td>
<td>570 OSHA’s Enforcement of PSM RAGAGEP</td>
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<tr>
<td>526</td>
<td>535 Combustible Dust: Myths &amp; Mistakes</td>
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<td>537 Ten Common Infectious Diseases That Affect Health &amp; Safety in the Workplace</td>
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<td>538 Integration of Health Protection and Promotion</td>
<td>572 Risk Assessments are Required to Move Programs Beyond BBS Behavior Based Safety</td>
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<td>539 2015 Global Safety &amp; Health Briefing</td>
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<td>536 Understanding the Arc Flash Hazard and Arc Rated Clothing Performance</td>
<td>579 Playground Safety: The Hidden Hazards Lurking in Your Schoolyard or Local Park</td>
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<td>538 Integration of Health Protection and Promotion</td>
<td>581 DOT Compliance - Improving Your CSA Performance</td>
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<td>539 2015 Global Safety &amp; Health Briefing</td>
<td>582 Improving Transportation Safety Through Telematics and Active Safety Systems</td>
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<td>537 Combustible Dust: Myths &amp; Mistakes</td>
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<td>586 Electrical Safety Standards Update</td>
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<td>587 From Safety Leader to Business Partner 2015</td>
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501 Effective Communication Skills for Safety Professionals (I)  
Sponsored by the Training & Communications Practice Specialty  
George Bernard Shaw said: “The single biggest problem with communication is the illusion that it has taken place.” Anyone who has managed employees, raised children, been in a relationship or worked in safety can relate to this quote. This session will help you become a more effective communicator!  
Chris Ross, CSP, CPPL, OHST, The Engagement Effect, Anchorage, AK

502 Crisis Plans & Response Legal Duties When Accidents or Fatalities Occur (B)  
Sponsored by the Women in Safety Engineering (WISE) Common Interest Group and the Mining Practice Specialty  
This presentation will detail the legal obligations placed upon operators by the Mine Safety and Health Act and the Occupational Safety and Health Act when a serious injury, a fatality, or an unplanned event that risks the safety and lives of employees occurs.  
Tina M. Stanczewski, J.D, MSP, Law Office of Adele Abrams, Beltsville, MD

503 A Case Study: Best Practices to Ensure Safety on a Construction Project (I)  
Sponsored by UL Workplace Health & Safety and the Construction Practice Specialty  
A case study: Implementing best practices to ensure safety and cost savings are on a fast track construction project, by utilizing resources to effectively reduce accidents and related costs for an Owner Controlled Insurance Program (OCIP).  
Kenneth M. Bogdan, CSP, J.A. Montgomery Risk Control, Marlton, NJ; Barry Schunck, CHST, Whiting Turner, Baltimore, MD

504 Workplace Violence: It’s About You, Your Management and Your People (I)  
Employers are 18 times more likely to experience workplace violence (WPV) than fire. WPV is a foreseeable circumstance; DOJ reports 2 million instances of WPV annually, and it is greatly underreported. There are standards and law covering an employer’s responsibility to respond to WPV and train employees.  
Bo Mitchell, CHCM, CSHM, CEM, CPP, CBP, CFC, 911 Consulting, Wilton, CT

505 Show Me the Money – Demonstrating the ROI of Your Ergonomics Program (A)  
Sponsored by the Ergonomics Practice Specialty  
This session will review the current benchmarking and research on payback/ROI of effective ergonomics programs. Best practices and methods of calculating and demonstrating business value will be shared. Participants will learn proven and current practices to successfully determine and communicate the ROI of effectively managed ergonomics programs.  
Walter G. Rostykus, B.S.c., M.Sc., CSP, CIH, CPE, Humantech, Ann Arbor, MI; Winnie Ip, B.S.c., MBA, CPE, Humantech, Ann Arbor, MI

506 Fire Protection for Common and Special Hazards (B)  
Sponsored by Westex and the Fire Protection Practice Specialty  
Common and special hazards should be identified and protection methods implemented to help mitigate losses. This topic will discuss loss potential exposures from combustion controls, compressed gas cylinders, oil dispensing racks, combustible dust, and other common and special hazards. Active and passive protection methods will be discussed.  
Walter S. Beattie, CSP, CFPS, CSHM, Beattie Fire Protection & Risk Consulting, LLC, Pottstown, PA

507 Safety in Healthcare: Challenges & Opportunities (B)  
Sponsored by UL Workplace Health & Safety  
Healthcare employee safety lags the rest of US industry, but is now receiving significant interest from regulators and others. Critical challenges in developing a robust safety culture will be identified and approaches discussed. The link between patient and employee safety will be documented and the case made for Total Safety.  
Andrew Vaughn, M.D., M.P.H., Mayo Clinic, Rochester, MN

508 Near-Miss Reporting: Applying Behavioral Science to Optimize Safety Culture (I)  
Sponsored by UL Workplace Health & Safety  
Near-Miss Reporting systems exist but often fail because leaders inadvertently discourage the behavior of reporting. This presentation will discuss specific, proven tactics to avoid unintentional punishment, increase deliberate reinforcement for the critical behavior of reporting near misses, and optimize your safety culture.  
Aubrey C. Daniels, Ph.D, Aubrey Daniels International, Atlanta, GA; David C. Uhl, Ph.D., Aubrey Daniels International, Austin, TX

509 Hearing Conservation Programs in Construction – New Perspectives (A)  
Sponsored by the Chubb Group of Insurance Companies and the Construction Practice Specialty  
Noise is a pervasive hazard on construction sites. In one state, construction workers make up 7% of the workforce, but account for 21% of the hearing loss claims. This presentation discusses new perspectives on implementing hearing conservation programs including exposure assessment, audiometric testing, engineering controls and training.  
Donald J. Garvey, CSP, CIH, ARM, 3M Company, St. Paul, MN

510 Global Technical Issues - 2 Part Session:  

510-a Tower Safety in Australia (E)  
Construction and maintenance of telecommunications towers is high risk activity involving manual handling at up to 100 metres off the ground (328 feet). This session covers the Australian perspective of these risks and the unique risks of the Australian outback as telecommunication networks rapidly expand.  
Denis Boulais, Ph.D., MBA, RSP, FSIA, Bytecan Pty Ltd, Sydney, New South Wales, Australia

510-b Advances in Fire Protection Systems in East Africa: A Case Study (B)  
Sponsored by the Fire Protection Practice Specialty  
This presentation examines the similarities and differences of fire protection system installation between the United States and Djibouti in East Africa.  
Joon W. Yoo, P.E., CFPS, CFI, Department of Defense, Columbia, MD

511 The Cost of Complacency - Survey Results from the Oil and Gas Industry (E)  
Sponsored by AllOne Health  
Do safety professionals and frontline workers always agree about safety programs? Independent survey results are reviewed regarding complacency, communication, training, and the relationship between safety and profit. Accident costs, the total cost of ownership and return on investment are examined.  
Aaron Bryan, Draeger, Pittsburgh, PA

512 OSHA’s Hazard Communication Revised Compliance Directive - An Enforcement Overview (I)  
The session covers the revised compliance directive of OSHA’s policies and procedures for enforcement of the 2012 Hazard Communication Standard including hazard classification, safety data sheets, labeling, and training requirements. This session will also cover current HCS 2012 enforcement data.  
Sven J. Rundman, III, U.S. Department of Labor - OSHA, Directorate of Enforcement Programs, Washington, DC

513 How to Approach and Achieve Success with Your Risk Assessment Training Program (A)  
Sponsored by the Standards Development Committee and the Risk Management/Insurance Practice Specialty  
This session will provide EH&S professionals with practical information and the considerations needed to develop effective risk assessment training programs. This presentation will cover: developing a structure; practical exercises; and the pitfalls to avoid when developing risk assessment training programs.  
James L. Newberry, CHST, Island Insurance Company, Ltd., Honolulu, HI

514 The Silver Tsunami, Are You Ready for the Shifting Age Paradigm? (A)  
Sponsored by the Risk Management/Insurance Practice Specialty  
This session will address the issue of an aging American workforce and the potential claims cost to your organization. Baby Boomers are staying on the job longer and this session will provide solutions to get your organization ahead of the curve and help you reduce potential future cost.  
Scott B. Lasilla, CSP, CSM, APS, Aon, Houston, TX

515 The Changing Face of Loss Control (I)  
Sponsored by the Council on Practices and Standards and the Risk Management/Insurance Practice Specialty  
This presentation and paper will explore the future of risk/loss control from an industry wide perspective and from the perspective of senior corporate leadership. This is a cutting edge topic for any SH&E Professional working with loss control and planning for future growth.  
William J. Boyd, CSP, CH, CPE, CNA Insurance Company, Chicago, IL
516 ISO/ANSI/ASSE 45001 Forum - Significant Future Impact on Safety (I)
Sponsored by UL Workplace Health & Safety, the Standards Development Committee and the Management Practice Specialty
ISO 45001 represents one of the most significant consensus standards activities within the last 50 years, and it has the potential to positively impact occupational health and safety management on a global level. This session is an opportunity to hear from the US safety and health professionals leading the global effort to develop the standard. Bring your questions!
Victor M. Toy, CSP, CHI, Insys OH&S, San Mateo, CA; Thea D. Dunmire, CHI, ENLAR Compliance Services, Inc., Largo, FL; Todd R. Hohn, CSP, UL, Northbrook, IL; Kathy A. Seabrook, CSP, CFOSH (UK), EuroSHM, Global Solutions Inc., Mendham, NJ

517 Accountability on Site: Skills for Resolving Safety Violations (I)
One of the most prevalent and costly workplace issues is the inability to effectively hold others accountable for safety violations. In this engaging session, bestselling author David Maxfield will share how to master crucial accountability discussions to resolve safety concerns, prevent them in the future, and restore workplace safety.
David Maxfield, Ph.D., VitalSmarts, Provo, UT

518 The Tony Crow Story - Safety 24/7 - At Work, Home, & Play - It's Not Just About Me (I)
Sponsored by Grainger
Tony Crow worked for Texas Utilities for 26 years. On Feb. 15, 2003 he was totally blinded for life. He shares the importance of communication, wearing the proper PPE, and speaking up when others are involved in non-safe actions, because ACCIDENTS CHANGE LIVES FOREVER!!!
Tony Crow, INJAM, Winnisboro, TX

519 How to Insure that Civility Doesn't Kill Safety Management (I)
Sponsored by the Risk Management/Insurance Practice Specialty
The inter-departmental battle to control the temperament of safety management is over. Human Resources won; SH&E lost. An HR-led social movement that over-emphasizes civility between workers now rules. New research shows the threat to safety that this over-reach brings. A safer path to balancing HR and HSE interests is offered.
Ron Newton, PEAK Training Solutions, Flower Mound, TX

520 A New 'Servant' Leadership Role for the OSH Practitioner (I)
OSH practitioners can contribute to a company's commitment to social responsibility, which alongside economic and environmental factors make up the so called triple bottom line, by promoting a positive safety culture and combating corporate social irresponsibility. Focusing on servant leadership behaviours may help them influence CSR in a positive way.
Ian Harper, CFIOHS, Institution of Occupational Safety and Health IOSH, Leicester, East Midlands, United Kingdom

521 The Sustainability Traction Plan; Opportunities for EHS Professionals (A)
Sponsored by the Women in Safety Engineering (WISE) Common Interest Group
Sustainability presents a “horizon of opportunity” to achieve environmental health and safety objectives in alignment with business profitability/CSR goals. EHS professionals are oftentimes tapped for initiative leadership. Are you ready for climate resiliency planning? This presentation will overview sustainability issues, exciting innovation, and conclude with traction steps for success!
Louise E. Valle, CSP, CHI, CPE, CRM and Forster, Asbury, NJ

522 OSHA’s New Confined Spaces in Construction: 1926.1200 Compared With ANSI Z117.1 (I)
Sponsored by the Council on Practices and Standards and the Construction Practice Specialty
Will discuss OSHA's new confined space in construction standard 1926.1200. Detailed comparison between it & the newly revised ANSI Z117.1 Safety Requirements for Entering Confined Spaces will clarify how 1926.1200 will be enforced and how Z117.1 may be used to help support any questionable construction activity.
Terry W. Krug, MS, CSP, CHI, EXOSHA, Bartlett, IL

523 How Does Your Fall Protection Program Rank? (B)
Having no fall incidents doesn’t necessarily mean you have an effective fall protection program. This presentation will use three sample fall protection programs—one that is world class, one that is acceptable and one that needs work—to help participants identify and remedy the gaps in their programs.
Tracey K. Riepenhoff, PE., CSP, PMP, LJB Inc., Lima, OH

524 Top Five Strategic EHS Training Tips (A)
All training should have measurable objectives, established value to be contributed, techniques to determine return on attention and execution against a safety excellence strategy. Without these, how do you determine ROI? Gain the tools to implement the top five strategic tips to improve efficiency and effectiveness of your training efforts.
Shawn M. Galloway, ProAct Safety, Inc., The Woodlands, TX

525 Key Issue Roundtable: Manufacturing Equipment Safety Best Practices
Sponsored by the Manufacturing Practice Specialty
Participants will discuss challenges they have encountered regarding the safe operation of manufacturing equipment and best practices for addressing these concerns. Discussion will include both regulatory and operational aspects of manufacturing equipment safety.

526 Key Issue Roundtable: Transportation Issues, Distracted Driving, Training, Monitoring and More
Sponsored by the Transportation Practice Specialty
Transportation Issues affect many companies. Attend this session to learn what is working and what has failed in finding solutions to distracted driving, hiring practices, monitoring drivers, and what training is needed.

527 Meeting and Exceeding the ANSI Z358.1 Standard for Emergency Equipment (I)
Treat the purchasing process as if you could be the victim is key in finding the best product that will perform properly and beyond the Standard. From color coding equipment to routine testing and ongoing training, Casey will discuss various emergency response best practices to help you exceed the Standard.
Casey Hayes, Haws Corporation, Sparks, NV

1:00 PM-2:00 PM PERIOD II

530 So You Want to Be a SH&E Consultant?
Tips from the Trenches (I)
Sponsored by the Women in Safety Engineering (WISE) Common Interest Group and the Consultants Practice Specialty
Many SH&E professionals enter external consulting and fail, not because they don’t possess needed technical skills to provide excellent services, but because they lack business development skills. In this panel presentation, members of the Consultants Practice Specialty will provide information and tips for successfully making the transition to external consulting.

531 Step Up and Be a Leader... Safety Needs YOU (A)
Leadership is a key soft skill that must be mastered in order to make a difference. Leadership is about inspiring others to exceed their perceived talents through guided empowerment and being enabled. We will explore the general principles of leadership to have a sustained impact in the overall safety process.
Eddie Greer, CSP, OHST, STS, Board of Certified Safety Professionals BCSP, Horseshoe Bay, TX

532 The Buried Truth Uncovered (I)
Eric Giguere, a former laborer, shares his story of how he was buried alive while working in a trench. Eric explains the events before his accident and the effect it has had on him and his family. A series of extraordinary events left him with an unbelievable story to tell.
Eric J. Giguere, Safety Awareness Solutions, Geneva, NY

533 ANSI/ASSE A10 Construction Standards - Standards Impacting the Profession (I)
Sponsored by the Standards Development Committee and the Construction Practice Specialty
This presentation will explore how the ANSI/ASSE A10 Construction and Demolition Standards are being increasingly used and an overview on several new pending standards addressing prevention through design, health hazards, tower construction, and wind generation.
Richard F. King, CSP, Black & Veatch, Centennial, CO; TBD

534 Fibrous Minerals: More Dangerous than Asbestos? (I)
Sponsored by the Environmental Practice Specialty
Asbestos describes 6 regulated fibers used in construction materials. However, there are many other fibrous minerals that are as harmful or more harmful than those we call asbestos. This presentation will provide awareness of risks associated with these “other” hazardous fibers.
Jeffery C. Camplin, CSP, CPEA, CET, Camplin Environmental Services, Inc., Rosemont, IL
535 Conducting Risk Assessments on Ergonomic Exposures (B)
Ergonomic related injuries continue to be the leading cause of injury in the United States. Using a risk assessment approach to conduct ergonomic analysis quantifies the potential frequency and severity of the ergonomic hazard and helps safety and management prioritize the implementation of controls for the highest rated risks.
Brendan K. Moriarty, MSPH, CSP, OHST, CIH, ARM, CPCU, Chubb Insurance, Glen Elyn, IL; Gregory B. Griffith, CSP, CPCU, ARM, ALCM, Chubb Insurance, Atlanta, GA

536 Combustible Dust: Myths & Mistakes (I)
Sponsored by Westex and the Fire Protection Practice Specialty
This presentation will discuss common mistakes that are made when addressing combustible dust hazards and several myths associated with combustible dust hazards, standards (OSHA, NFPA, etc.), and mitigation methods. Correct ways to mitigate combustible dust hazards will also be discussed, as well as how OSHA addresses these mistakes and myths.
Jason P. Reason, CSP, CIH, CHMM, Lewellyn Technology, LLC, Greenwood, IN

537 Ten Common Infectious Diseases That Affect Health & Safety in the Workplace (I)
This session provides information on 10 infectious diseases that can affect health and safety in the workplace. The discussion addresses how occupational physicians and safety professionals can work together to address infectious disease exposures and keep workers safe. Actual infectious disease cases will be presented.
Fred H. Kohanna, M.D., MBA, FACOEM, AllOne Health Resources, Woburn, MA

538 Integration of Health Protection and Promotion (B)
Sponsored by the Healthcare Practice Specialty
This session examines a strategic approach for enhancing the health and well-being of employees. The session explores alignment of these efforts under SH&E leadership, empowers SH&E to establish a successful integration plan and provide a solid foundation for the reduction of health claims, absenteeism, injury and workers compensation claims.
Jeanne P. Sherwood, RN, CWWS, WellAdvantage, Sykesville, MD; Kerre E. Aufsesser, CWWS, CWWPWM, WellAdvantage, Sykesville, MD

539 2015 Global Safety & Health Briefing (I)
Sponsored by ClickSafety, the Women in Safety Engineering (WISE) Common Interest Group and the International Practice Specialty
This briefing provides the ever changing global legal, regulatory and business trends likely to affect the safety profession: Supply Chain Management, Assurance, Sustainability, Competence and ISO 45001. Developing your “global fluency” and strategic business perspective enables you to anticipate changes that affect the management of workplace S&H within your organization.
Kathy A. Seabrook, CSP, CFIOSH (UK), EurOSHM, Global Solutions Inc., Mendham, NJ

540 How to Manage Process Safety Risk Through Craft Worker Competency Verification (A)
Sponsored by the Business of Safety Committee and the Construction Practice Specialty
The petrochemical industry has transitioned to utilizing of contractors for numerous Process Safety Management related work activities. This session explores the increased risk of this practice and how petrochemical owners can effectively manage this risk through the development of a craft worker competency verification process.
R. Ronald Sokol, CSP, SAFETY Council Texas City, TX; Kevin W. Fontenot, CSP, BP, Houston, TX

541 Occupational Injury in Schools (I)
This session will examine the results of a new study on occupational injury in school districts looking at injury risk among employee groups as well as employee injury where students were causal factors. Risk reduction and management techniques for the safety professional in school districts will be discussed and shared.

542 Workplace Violence an Ongoing Risk for Behavioral Health Employees (B)
Behavioral health employees are potentially exposed to patient-initiated physical assaults while providing medical mental health services. In this session a case study is examined where OSHA investigated a complaint and issued a 5(a)(1) citation based on serious physical harm to employees. OSHA recommendations and the Employer settlement are discussed.
Akhsra K. Saunders, U.S. Department of Labor - OSHA, Area Office Region 3, Pittsburgh, PA

543 Contractor Management - Applying Safety Analytics and Insurance Benchmarking (A)
This session will address how to effectively use safety data to identify the potential risk a contractor brings to an operator, and then establishing insurance requirements that are reflective of the contractor’s level of risk by utilizing data from over 50,000 Contractors and 350 Operators.
Dag Yemenu, ISN Software Corporation, Dallas, TX; Brett M. Parker, CPCU, CIC, ISN Software Corporation, Dallas, TX

544 Personal Risk Assessment - A Key to Safety Performance Excellence on & off the Job (A)
Sponsored by Select International
Risk Tolerance principles and the Ten Influencing Factors of Why Workers Accept Risk will be discussed in detail. Participants will gain an understanding of how to recognize each risk tolerance factor in the work place, and they will be provided with strategies to help workers reduce their acceptence of risk.
Michael M. Williamsen, Ph.D., CSP, Caterpillar Safety Services, Peoria, IL; Dave Fennell, CRSP, ExxonMobil Production Company, Calgary, Alberta, Canada

545 Seven Leadership Lessons to Optimize Safety Engagement: How to Make It Happen (B)
Sponsored by UL Workplace Health & Safety
An injury-free workplace requires widespread and effective engagement of people giving best efforts for the safety of themselves and others. This spirited research-based presentation will illustrate seven leadership lessons everyone can use to cultivate an actively-caring culture of people continually looking out for human-welfare and well-being.
E. Scott Geller, Ph.D., Virginia Tech, Department of Psychology, Blacksburg, VA

546 Safe 4 the Right Reasons (B)
Sponsored by UL Workplace Health & Safety
Getting employees to value safety and safe behavior are the constant challenges faced by today’s companies. This session explains why we behave this way and can be used as the foundation of how to work with employees in avoiding accidents and to value safety.
Dale D. Lesinski, QSSP, DiVal Safety Equipment, Buffalo, NY

547 Managing a Health and Safety Program for Lone Workers and Remote Employees (I)
Sponsored by the Standards Development Committee
A lone remote worker must be self-motivated to do the right thing without direct guidance and observation by supervision. Working alone brings in the argument ‘how do people behave when no one is watching?’ How can a supervisor be assured they are doing their job and following safe work practices?
Jerome D. Kucharski, CFPS, Hartford Steam Boiler Inspection & Insurance Co., Crown Point, IN; Timothy C. Healey, The Hartford Steam Boiler Inspection & Insurance Co., Hartford, CT

548 BLOWBACK: Between the Lines (A)
Sponsored by the Chubb Group of Insurance Companies
Pressure equipment touches the lives of everyone, every day, several times a day. These vessels (large and small) are critical to the wellbeing of everyone in the civilized world and are harmless. But they can be dangerous under adverse situations. When it comes to safety, there are no second chances.
Paul Brennan, APR, National Board of Boiler and Pressure Vessel Inspectors, Columbus, OH

549 ANSI-Z-10: A Practical Workshop on How to Engage All Levels of Your Workforce (E)
This presentation will focus on the three elements of ANSI-Z-10: Management Leadership and Employee Participation, Planning, Implementation and Operation (Risk Assessment). These elements will be demonstrated via a dynamic discussion by craft employees from M.C. Dean in a simple, easy to use, easy to understand daily Risk Assessment tool.
John T. Bennett, M.C. Dean, Inc., Manassas, VA; James L. Kohlmeyer, MS, M.C. Dean, Inc., Bristow, VA; Michael A. Taubitz, FDR Safety, Fenton, MI

550 The Changing World of Slip-and-Fall Analysis (A)
The past 5 years have brought significant advances in the field of reliable walkway slip analysis. This presentation takes an in-depth look at new methodologies, research, tools, standards and practical applications of tribometer testing. A brief review of litigation considerations will be discussed as well.
John P. Leffler, P.E., FORCORN International, Atlanta, GA
Employ a compliance mentality. Do not tell us about AR clothing, and the dangers of AR clothing. We will focus on what sequences of arc flash, 2015 changes to 70E, and the electrical systems procedures and PPE.

Electrical Safety in the Workplace requirements for asking questions concerning the application of the new. This roundtable provides an opportunity to discuss and engage. We will use examples from industry and implementation of an ergonomics program can be fundamental elements of accident/incident investigation and how hazards can be defined, targeting the variables of workplace culture and employee engagement. We will use examples from industry and the attendees to develop a list of key takeaways.

Fundamentals of SH&E: Hazard Identification and Control (B)
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, Coble, Taylor & Jones Safety Associates, LLC, Cary, NC

Key Issue Roundtable: Evaluating the Synergy of Engagement and Ergonomics
Sponsored by the Ergonomics Practice Specialty
This roundtable will look at how the communication and implementation of an ergonomics program can be a crucial component to the program’s success, including the variables of workplace culture and employee engagement. We will use examples from industry and the attendees to develop a list of key takeaways.

Key Issue Roundtable: Electrical Safety Standards Update
Sponsored by Cintas and the Engineering Practice Specialty
This roundtable provides an opportunity to discuss and ask questions concerning the application of the new and revised NFPA 70E-2015 Standard for Electrical Safety in the Workplace requirements for electrical systems procedures and PPE.

Understanding the Arc Flash Hazard and Arc Rated Clothing Performance (I)
This presentation will cover the causes and consequences of arc flash, 2015 changes to 70E, and the performance of AR clothing. We will focus on what an arc rating really means, what the standards do and do not tell us about AR clothing, and the dangers of a compliance mentality.
Scott M. Margolin, Westex by Milliken, Chadds Ford, PA

From Safety Leader to Business Partner 2015 (A)
Sponsored by the Women in Safety Engineering (WISE) Common Interest Group and the Management Practice Specialty
Step further inside your organization’s leadership domain by becoming a “Safety Business Partner”. Based on information gathered from interviews with corporate leaders, you will learn their candid responses to what is needed to be considered not only as a subject matter expert, but a full “Business Partner” who specializes in Safety.
John McBride, SPHR, Consensus Search, Wesley Chapel, FL

Supervisor or Super Coach? The Art and Science of Performance Coaching (I)
Performance Coaching where Super Coaches help others become better leaders, is the preeminent approach to safety advancement. Coaching – giving and accepting constructive feedback – is a powerful strategy to drive performance gains. Learn the art and science of coaching using cutting-edge techniques that reinforce organizational and personal goals.
Thomas E. Harvey, Jr., CSP, Allied Safety Associates, Georgetown, CO; Elisa M. Kletter, Optimize Performance, Georgetown, CO

Understanding Crane Capacities (I)
Crane capacities are commonly misunderstood which leads to crane accidents. This technical session will present practical procedures to be followed prior to attempting any crane pick. The difference between gross and net capacity will be explained, along with examples of how cranes can be overloaded with nothing on the hook.
William (Bill) F. Davis, CSP, ALCM, CPCU, Zurich, Richmond, VA

Practicing Emergency Preparedness: The Key to a Successful Failure (I)
Sponsored by the Fire Protection Practice Specialty
This presentation will focus on exercising emergency plans to develop command/control structures and relationships with emergency services. Three main topics will be explored with examples from actual events: how to practice basic emergency plan elements, command/control coordination with emergency services, and closing the incident through the critique process.
Gabriel F. Miehl, CSP, CFPS, GE Transportation, Erie, PA

Chemicals, Pesticides and Other Stuff – Oh My, Oh My, How to Comply? (A)
Sponsored by AllOne Health, the Women in Safety Engineering (WISE) Common Interest Group and the Environmental Practice Specialty
Varying hazard ratings and regulatory requirements for chemicals, pesticides and other substances that exist between industries, countries and regulating agencies (OSHA, EPA, DOT, NFPA, etc.) can lead to confusion and incidents. This presentation will simplify and clarify the similarities and differences between these entities’ requirements (GHS/HCS, WPS/FIFRA, FSHA, HMIS, etc.).
Tabitha A. Laser, CSP, BP Alternative Energy, Katy, TX

Ergonomics Successes in Setting up a New Production Line (I)
Sponsored by the Chubb Group of Insurance Companies
The session outlines the experience of Lockheed Martin in using ergonomics in setting up the production line for the F-35 stealth fighter, showing best practices for common production issues and providing a model approach to setting up new operations (or evaluating current ones), regardless of size or type of industry.
Amanda Archer, CSP, CIH, Lockheed Martin, Fort Worth, TX; Dan MacLeod, MPH, CPE, Ergonomics Consultant, Milford, PA

A Healthy Workforce: How Workers’ Comp and Wellness Programs Go Together (B)
Safety professionals are interested in a healthy workforce as it relates to doing the job. The ability to complete the essential functions of the job is both a health and wellness issue. This presentation outlines how wellness initiatives benefit a healthy workforce by integrating job requirements and providing meaningful ROI.
Matthew J. Condon, J.D., MBA, Bardavon, Overland Park, KS

Complacency: The Silent Killer (I)
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. Learn what you and your organization can do to efficiently minimize the effects of complacency in your workplace.
Larry Wilson, SafeStart*, Belleville, Ontario, Canada

Preventing Slips, Trips, and Falls in Restaurants: A Success Story (B)
Slips, Trips, and Falls are a leading cause of injury and loss for restaurant workers and guests. During this session, we will review common causes of falls, solutions, and review example case studies.
Steven P. Baker, CSP, ARM, Liberty Mutual Insurance, Charlotte, NC

Nanomaterials in Construction: Balancing Worker Risks with Societal Benefits (B)
Nanoparticles are imbuing old construction mainstays with valuable new properties, including lighter structures and self-cleaning surfaces. Unfortunately, workers have no way to determine if the products they handle contain nano-objects. CPWR has identified 300 nano-enabled construction products and will be posting their inventory on the eLCOSH website.
Bruce E. Lippy, Ph.D., CSP, CIH, CPWR The Center for Construction Research and Training, Silver Spring, MD

New Global Thinking on Workplace Safety: Insight from Field Work on 5 Continents (A)
Across industry, organizations are enjoying record low injury rates, a place for safety on the agenda, and greater safety literacy across more employees than ever before. So what’s next? The presentation examines the issues shaping safety now and offers guidance for navigating the next 5 years and beyond.
Colin Duncan, BST Inc., Ojai, CA

Part of our Expo Education Program, which delivers technical content from our Exhibitors.
Monda y June 8

3:15 PM-4:15 PM PERIOD III

569 **Fatalities in Oil and Gas Extraction: Current Trends and Contributing Factors (I)**  
*Sponsored by UL Workplace Health & Safety*

Researchers will describe the most recent trends in fatalities for the oil and gas extraction industry, as well as contributing factors to fatalities identified using a new NIOSH database to collect more detailed information about fatalities in this industry. Recommendations to safety professionals based on analyzed data will be provided.

Kyla D. Retzer, MPH, CDC-NIOSH, Denver, CO; Ryan Hill, MPH, CDC-NIOSH, Morgantown, WV

570 **OSHA’s Enforcement of PSM RAGAGEP (I)**  
*Presenter(s) from OSHA Directorate of Enforcement Programs will present the history and background of recognized and generally accepted good engineering practice (RAGAGEP) and discuss current OSHA enforcement policy related to this PSM foundational requirement.


571 **Risk Assessments are Required to Move Programs Beyond BBS Behavior Based Safety (I)**  
*Sponsored by the Risk Management/Insurance Practice Specialty*

This session addresses why Risk Assessments (RA) are needed for safety decision-making and to move safety programs beyond traditional BBS principles and practices. RA in all safety processes allows decision-making to be less subjective, emotional and biased. Safety decision-making needs to be based on the comparative risk levels of the options.

James F. Whiting, MSc, DipEd, CPEng, risk@workplaces pty ltd, Indooroopilly, Brisbane QLD, Australia

572 **Personal and Corporate Safety - Related Liability: Who and What can be Sued? (I)**  
*Who is liable for safety violations at your workplace? This presentation provides a legal primer informing the safety professional of liability issues and OSHA’s most recent theories that put employers and the individuals who work for them on the hook. This includes OSHA, criminal liability, and private lawsuit (civil) liability.*

Matthew T. Deffebach, J.D., Haynes and Boone, LLP, Houston, TX; Punam Kaji, J.D., Haynes and Boone, LLP, Houston, TX

573 **Wind Turbine Safety & Loss Prevention (B)**  
*This session will provide an overview of turbine operations related to the safety of the workers and community. Select accidents, potential causes and prevention of those accidents will be reviewed. This session will also explore external safety considerations for the reduction of wind turbine industry hazards.*

Craig A. Bierl, ARM, AINS, AIS, Chubb Group of Insurance Companies, Chicago, IL

574 **Balancing Your Safety Metrics – Why Leading Metrics May be Misleading (A)**  
*Sponsored by the Management Practice Specialty*

Hear how leading companies are using multiple leading metrics from each of the four balanced scorecard quadrants to measure safety performance. Insights into their lessons learned, and future metrics will be presented as well as implementation strategies for weaving management off of just incidence rates.

Paul A. Esposito, CSP, CIH, STAR Consultants, Inc., Arnold, MD

575 **Helping Employees To Watch Out For the Safety of Others (E)**  
*“Safety Is Everyone’s Responsibility” is a great slogan but how do you make it happen? Discover the reasons employees would want to watch out for the safety of others. Learn skills and techniques they can use to take action when they see an unsafe condition or behavior every day.*

John W. Drebingter, John Drebingter Presentations, Galt, CA

576 **Utilizing Human Performance Techniques in Incident Investigation (I)**  
*Sponsored by ClickSafety*

Some companies may lack a consistent, comprehensive incident investigation model. Many incident investigations fail to find all causal factors, and lack a consistent incident investigation process that can be used across the enterprise. Through lecture and case study, participants will discover and learn tools to improve incident investigation.

James “Skipper” Kendrick, CSP, Kendrick Global Enterprises, LLC, Hurst, TX

577 **Safety Managing the Design and Use of Automated Control Systems (I)**  
*Sponsored by the Engineering Practice Specialty*

Automated control systems provide immeasurable benefit. However, there is a cost if humans are not actively engaged (i.e. skill, knowledge, and decision-making capability losses). This session’s purpose is to raise awareness of problems with automation and ask safety professionals to contribute to the design process and help safely guide automation’s expansion.

Joel M. Haight, Ph.D., PE, CSP, University of Pittsburgh, Pittsburgh, PA

578 **Rope Access - Working Safely at Height (E)**  
*Professional Rope Access transcends the limitations of traditional fall protection by equipping workers with a system of knowledge, skills and equipment to achieve 100% tie-off. Implementation of such a system requires a well-developed work plan, properly trained personnel, and effective oversite and management. This presentation provides guidance for exactly that.*

Loui H. McCurry, Pigeon Mountain Industries, Denver, CO

579 **Wild, Wacky & Highly Effective Training - Great and Fun Ideas to Use Now (I)**  
*Sponsored by the Consultants Practice Specialty*

Safety training can be effective, engaging and FUN! With example after example, you will learn how to incorporate new ideas and techniques into your training. Learn how acid-fried eggs, decimated PPE, and yes, smashing watermelons will make your training memorable and effective.

Mark E. Briggs, CSP, ARM, Safety Management Resources Corporation, Champaign, IL

580 **Improving Transportation Safety Through Telematics and Active Safety Systems (I)**  
*Sponsored by the Standards Development Committee and the Transportation Practice Specialty*

This session will address the major concerns and issues with in-vehicle monitoring systems and telematics programs. The discussion with the expert panel gives attendees ample opportunity for questions and answers.

Tracy O. Linhart, Premier Beverage, Hollywood, FL; Stephanie G. Pratt, Ph.D., NIOSH-Division of Safety Research, Morgantown, WV

581 **Fundamentals of SH&E: Basic Construction (B)**  
*This session will address essential construction safety principles and practices that are useful to the beginning construction safety professional as well as individuals in other industries who faced a construction project in their organization.*

TBD

582 **Key Issue Roundtable: Food Production and Manufacturing as it Relates to Agricultural Safety**  
*Sponsored by the Food & Agribusiness Branch of the Manufacturing Practice Specialty*

The roundtable will discuss current issues in food production safety and it’s role in Agricultural Safety from the use of Genetically Modified Organisms to the Food Safety Modernization Act.

583 **Key Issue Roundtable: Impact of Marijuana Legalization on Workplace Occupational Safety & Health**  
*Sponsored by the Military Branch of the International Practice Specialty*

At least two states have legalized possession and use of marijuana. This roundtable will explore the workplace effects (on occupational safety & health) of this legalization.

584 **5 Ways Technology is Changing the Role of Every Health and Safety Leader (I)**  
*This presentation will discuss 5 important ways that technology has allowed managers, workers and executives to become more efficient, evidence driven and most importantly, safer.*

Josh LeBrun, eCompliance, Calgary, Alberta, Canada

4:30 PM-5:30 PM PERIOD IV

585 **BLOCKBUSTER SESSION**

The National Transportation Safety Board (NTSB) has been invited to address Safety 2015 on the key perspectives of this highly respected Federal Agency tasked with the investigation of transportation incidents and for recommending and advocating actions to improve global transportation safety. The agency’s efforts directly and significantly relate to workplace injuries and fatalities on the roads, air and maritime industries.

586 **The Ethical Burden of the SHE Professional (I)**  
*As the SHE professional’s world becomes more complex, the role of ethics becomes increasingly important. This presentation discusses ethical theories, decision frameworks and codes of ethics that can aid in ethical decision-making. These will be applied to real-life SHE cases.*

Communicate to Be Heard and Get Results (I)
Communication is a critical activity for effective issues or activity introduction, leadership credibility and active employee involvement. Effective communications occur when a process is followed, and activities are well planned and executed. As a strategic tool, communications align with activity and program launches, which ultimately accelerate understanding, buy-in and results.

Cathy A. Hansell, J.D., MS, CCSR, Breakthrough Results, LLC, Lakewood Ranch, FL

The Top 5 Reasons to Create a Formal Utility Damage Prevention Program (I)
Every two minutes a buried utility line is damaged during excavation, putting workers and people in surrounding areas at risk of injury and leading to repair costs and fines. This session will help attendees understand the risks of buried utilities and develop safety programs to prevent these incidents.

Khrystianne M. Kerr, Common Ground Alliance, Arlington, VA

Win-Win - Academic, Lab and Research Safety at the Claremont University Consortium (A)
Sponsored by the Chubb Group of Insurance Companies and the Academics and Environmental Practice Specialties
High profile lab injuries nationwide have caused increased focus on college lab and academic safety. The Colleges of the Claremont University Consortium have implemented Academic, Lab and Research safety programs, including the “360-degree Audit Method.” The result is a “win-win” hazard correction process and a positive impact on safety culture.

Jay C. Brakensiek, CSP, MSIH, EMBA, Claremont University Consortium, Claremont, CA

GHS: 2 Deadlines Hit in 2015. Are you Ready? (I)
Sponsored by UL Workplace Health & Safety
Two of HazCom’s GHS deadlines go into effect this year. Don’t get caught in noncompliance with OSHA’s second most frequently cited standard. Learn what’s changed as a result of GHS adoption and the simple steps you can take now to ensure compliance during the GHS transition and beyond.

Chuck Haling, MSDSonline, Chicago, IL; Glenn D. Trout, MSDSonline, Chicago, IL

Where Do You Go to Better Understand the Need for PtD? (A)
This presentation will describe the state of current existing surveillance systems that can provide valuable Prevention through Design (PtD) information for risk management. The authors will present a blueprint for an optimal PtD related database through a combination of characteristics of the existing surveillance systems reviewed.

Georgi I. Popov, Ph.D., QEP, University of Central Missouri, Overland Park, KS; Elyce A. Biddle, Ph.D., West Virginia University, Morgantown, WV

Management Skill Sets for Achieving Safety and Health Excellence (A)
This presentation begins with the premise that senior managers ARE NOT comfortable managing S&H. Many don’t have a good understanding of the skills needed or the fundamental concepts and principles for achieving safety excellence. The lessons learned and results from a journey taken by one company will be provided.

Richard D. Fulwiler, Sc.D., CIH, Technology Leadership Associates, Cincinnati, OH; Richard C. Gerlach, Ph.D., CSP, CIH, Cintas Corp., Milford, OH

Implementing Lockout/Tagout Hazardous Energy Control Procedures (B)
Sponsored by the Manufacturing Practice Specialty ANSI Z244.1 (Hazardous Energy) and NFPA 70E (Electrical Safety) standards provide guidance in energy control procedure generation. This presentation outlines how to identify ECP requirements, utilize ANSI Z244.1 Decision Matrix, and apply NFPA 70E requirements for electrical lockout. Participants will perform a hands-on assessment using these concepts of ECP generation.

Paul A. Zouhek, CSP, CIH, Zouhek Consulting, LLC, San Diego, CA

Playground Safety: The Hidden Hazards Lurking in Your Schoolyard or Local Park (I)
Sponsored by the Chubb Group of Insurance Companies and the Public Sector Practice Specialty
This presentation will provide an introduction to playground safety, including a description of the injury risks posed by equipment. The session will address inspection and maintenance which are critical to managing risks. Preventable injuries and corrective actions along with a checklist for inspectors will also be reviewed.

Howard W. Spencer, CSP, CHCM, CPSI, J.A. Montgomery, Marlton, NJ

If we all know the concepts of proper lifting and if they are truly effective, why do we continue to see injuries increase? In this session we will explore what has been previously taught and why we must change our approach to truly grasp the back injury prevention revolution!

Tony Canizales, LCS, OHST, DiBuduo & DeFendis Insurance Agencies, Sanger, CA

The Next Game Changer: Predictive Analytics (I)
Sponsored by the Transportation Practice Specialty
As technology and data collection have evolved, so has the ability to predict your next collision. With on-board video and human review, accurately predicting which drivers have a higher probability of a collision increases dramatically. This session focuses on the availability of video and data to improve predictive analytics in transportation.

Del Lisk, Lytx, Inc., San Diego, CA

Key Issue Roundtable: How Will the Oil & Gas Industry Meet Its Short and Long Term OSH Staffing Needs?
Sponsored by the Oil & Gas Practice Specialty
Participants will discuss the overall shortage of SH&E candidates with O&G industry experience and share ideas on how we can recruit for the future. Possible solutions may include partnering with universities with occupational safety and health degree programs, internship opportunities, etc.
BRADY CLIENT SERVICES
is a Resource Like No Other.

We offer sustainable solutions:
- Auditing
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For the industry topics that affect your workplace safety:
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- Confined Space
- Lean/5S
- Visual Workplace

Learn more at BradyClientServices.com/safety2015
Visit Brady Client Services at booth #1334 to learn more!
General Session
Sponsored by SafeStart

7:30AM - 9:00AM
Positive Intelligence
Shirzad Chamine

Shirzad Chamine will show attendees how his research on positive intelligence can help them achieve their full potential for professional success and personal fulfillment. Chamine is Chairman of CTI, the largest coach training organization in the world and author of the New York Times bestseller *Positive Intelligence*. Chamine has coached hundreds of CEOs and executive teams as well as the faculty at Stanford and Yale business schools.

Plenary Session

1:00PM - 2:00PM
Occupational Safety & Health Discussion
David Michaels, Ph.D., MPH
Assistant Secretary of Labor for Occupational Safety and Health (invited)

The Assistant Secretary of Labor for Occupational Safety and Health (invited) will discuss his insight on the key issues affecting safety and health professionals from OSHA’s perspective. This session will focus on the role that safety and health professionals can and should play in addressing these issues and will include questions from the audience.

Tuesday Schedule of Events

6:30AM - 5:45PM
Safety 2015 Conference Registration Open

7:30AM - 9:00AM
General Session
Sponsored by SafeStart

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

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

9:00AM - 3:00PM
Exposition Open

9:00AM - 5:45PM
Service Center Open

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

11:45AM - 12:30PM
Complimentary Conference Luncheon
Sponsored by Essilor Prescription Safety Eyewear

Tuesdays June 9, 2015

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). 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 Wednesday lunch 1.7
- Monday only - .5
- Tuesday only - .6
- Wednesday only - .6
- Wednesday lunch only - .1

**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.

<table>
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<tbody>
<tr>
<td>Business Skills &amp; Personal Development</td>
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<td>Key Issue Roundtables</td>
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<td>10:30AM – 11:45AM (V)</td>
<td>3:00PM – 4:15PM (VI)</td>
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<td>603 DUST EXPLOSIONS - The Nature of the Problem &amp; Practical Measures for its Control</td>
<td>633 Dial 911 For Permit Required Confined Space Rescue</td>
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<td>625 Safety Implications of Chemical Disinfectants in Healthcare</td>
<td>634 Putting the “E” in EHS - Environmental A-Z, from Permitting to Compliance</td>
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<td>604 Psychophysical and Demographic Changes Require Rethinking Ergonomics Strategies</td>
<td>635 Safety &amp; Health in the Fire, Rescue and Emergency Services</td>
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<td>606 Integrated Approaches to Wellness in the Workplace: Workers’ Compensation Impact</td>
<td>636 Successful Integration of Occupational and Non Occupational Wellness Efforts: Successes Shared and Lessons Learned</td>
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<td>607 Help the “Bulletproof” Employee Make the Connection</td>
<td>637 Incident Management as a Cornerstone for a Successful Safety Culture</td>
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<td>608 10 Ways to Leverage Safety Collaboration with Occupational Health Professionals Real-time Site Monitoring for Safety, Health and Environmental Compliance</td>
<td>638 OSHA Activities in the Oil Patch</td>
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<td>609 SPEED Management - A Strategic Tool for Safe Road Journey at KOC, Kuwait Integrated Management Systems in SMEs</td>
<td>639 OSHA Activities in the Oil Patch</td>
</tr>
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<td>610 Flash Fire Risk Assessments for the Upstream O&amp;G Industry using API RP 99</td>
<td>640 Right-Sizing Your Risk Assessment Approach for Efficiency &amp; Effectiveness</td>
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<td>613 DUST EXPLOSIONS - The Nature of the Problem &amp; Practical Measures for its Control</td>
<td>642 OSHA Recordkeeping and Workers’ Compensation Claims Reporting Requirements OSHA Activities in the Oil Patch</td>
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<td>614 Mechanics of Your Mod - The Five W’s Managing Total Cost of Risk (TCOR) - Case Study</td>
<td>643 Organizational Leadership and Safety... Bridging the Gap</td>
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<td>617 Fall Prevention vs. Fall Protection: A New Safety Category</td>
<td>646 Combustible Dust - What You Need to Know About It</td>
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<td>619 How to Become a Safety Training Ninja The Humor in Safety, From Blah Blah Blah to Ha Ha HA</td>
<td>648 Implementing NFPA 70E for Arc Flash Safety Next Generation Fall Arresters &amp; Lifelines</td>
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<td>621 How To Do It - The Strategy to Move the Profession Forward?</td>
<td>650 Image-Based Safety Training</td>
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<td>622 Safety Implications of Chemical Disinfectants in Healthcare</td>
<td>651 Don’t Wait for an Intervention: Use CSA “SMC” - to ID Opportunities</td>
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<td>623 Short-Service Workers (Focus on Temporary and Seasonal Employees)</td>
<td>652 Workplace Health</td>
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<td>624 Decreasing the Relevance of OSHA-Driven Metrics</td>
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<td>625 Safety Implications of Chemical Disinfectants in Healthcare</td>
<td>654 Successful Integration of Occupational and Non Occupational Wellness Efforts: Successes Shared and Lessons Learned</td>
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<td>626 Persuasion Power - How to Get It, Keep It, Use It</td>
<td>660 Advancing HSE Professionals in Business</td>
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<tr>
<td>627 Using Near Miss Reporting to Enhance Safety Performance in Construction</td>
<td>661 Safety Culture, Green Construction and a Multi-ethnic Workforce: A Case Study What Industrial Contractors Need to Know About MSHA Before Work at a Mine Site</td>
</tr>
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<td>628 A Strategy for Reducing Construction Fatalities</td>
<td>662 Emergency Management</td>
</tr>
<tr>
<td>629 Dial 911 For Permit Required Confined Space Rescue</td>
<td>663 Ergonomics Strategies for Healthcare Workers</td>
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<td>630 Putting the “E” in EHS - Environmental A-Z, from Permitting to Compliance</td>
<td>664 Combustible Dust - What You Need to Know About It</td>
</tr>
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<td>631 Incident Management as a Cornerstone for a Successful Safety Culture</td>
<td>665 IHAs: It’s All in the Details</td>
</tr>
<tr>
<td>632 OSHA Recordability</td>
<td>666 Building Safety Commitment</td>
</tr>
<tr>
<td>633 OSHA Activities in the Oil Patch</td>
<td>667 OSHA Recordability</td>
</tr>
<tr>
<td>634 Successful Integration of Occupational and Non Occupational Wellness Efforts: Successes Shared and Lessons Learned</td>
<td>668 I Have to Know and Do What? Considerations for International Practice</td>
</tr>
<tr>
<td>635 Safety &amp; Health in the Fire, Rescue and Emergency Services</td>
<td>669 Social Sustainability &amp; Stakeholder Engagement: An International Perspective</td>
</tr>
<tr>
<td>636 Ventilation Surveys - What You Are Missing Can Hurt You Standardizing Pre-Placement Physical Exam to Reduce OSHA Recordability</td>
<td>670 Combustible Dust - What You Need to Know About It</td>
</tr>
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<td>637 Incident Management as a Cornerstone for a Successful Safety Culture</td>
<td>671 Using Big Data to Predict and Prevent Serious Injuries &amp; Fatalities</td>
</tr>
<tr>
<td>638 OSHA Recordkeeping and Workers’ Compensation Claims Reporting Requirements OSHA Activities in the Oil Patch Standardizing Pre-Placement Physical Exam to Reduce OSHA Recordability</td>
<td>672 Achieving Business Excellence Through Risk Management: Idea or Execution</td>
</tr>
<tr>
<td>639 OSHA Activities in the Oil Patch</td>
<td>673 Falls and the Aging Population - Solutions for the Property Owner &amp; Risk Manager</td>
</tr>
<tr>
<td>640 Right-Sizing Your Risk Assessment Approach for Efficiency &amp; Effectiveness</td>
<td>674 Aligning Safety Leadership Through the Use of Scenarios 675 The New Safety Strategy: Stop Preventing Accidents and Start Adding Value</td>
</tr>
<tr>
<td>641 Workers’ Compensation Premiums: Can You REALLY Control These Costs? Golf Carts/Utility Vehicles - They Are Not Just For Golf Anymore</td>
<td>676 Meta-Culture Safety Assessment 677 Briefing Your Boardroom on EH&amp;S</td>
</tr>
<tr>
<td>642 OSHA Recordkeeping and Workers’ Compensation Claims Reporting Requirements OSHA Activities in the Oil Patch Standardizing Pre-Placement Physical Exam to Reduce OSHA Recordability</td>
<td>678 Practical Leadership for Sustainable Business: Health and Safety Management</td>
</tr>
<tr>
<td>643 Organizational Leadership and Safety... Bridging the Gap</td>
<td>679 The Technological Journey: One Company’s Experience</td>
</tr>
<tr>
<td>644 Hispanic Workers’ Safety: Looking at the Big Picture Shattering Myths: The New Face of Fatigue Management</td>
<td>680 Sliding Resistance of Ballasted Anchorages for Active Fall Protection Systems</td>
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<td>645 Sliding Resistance of Ballasted Anchorages for Active Fall Protection Systems</td>
<td>681 135 Trainer Tips and Tricks!</td>
</tr>
<tr>
<td>646 Green Beans &amp; Ice Cream: Beyond the Power of Zero, The Final Frontier</td>
<td>682 Fire Protection</td>
</tr>
<tr>
<td>647 Implementing NFPA 70E for Arc Flash Safety Next Generation Fall Arresters &amp; Lifelines</td>
<td>683 Emergency Management</td>
</tr>
<tr>
<td>648 A Review of the Top 10 Mobile Apps for the Safety Professional</td>
<td>684 Risk Management and Risk Assessment II - What are You Doing to Move the Profession Forward?</td>
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10:30 AM-11:45 AM PERIOD V

601 Culture Trumps Everything: So, Career Advancement = Connecting the Dots (E)
The pathway to career progression is paved by a comprehensive knowledge of organization performance improvement. The common language for performance improvement is “culture.” Security and advancement is tied to knowing more about it: Now you can. This presentation will demonstrate scalable analysis and measurement.
Donald J. Eckenfelder, P.E., CSP retired, Social Operating Systems, Glens Falls, NY

602 Retirement - Are You Ready? (I, A)
Will you be ready? How do you make income predictable without a paycheck? What’s a “safe” withdrawal rate from your investments? Does the sequence of returns in your portfolio make a difference? When do you take social security retirement benefits? The presenter, one of the few advisors in the country certificated in retirement planning by the Wharton School, offers clear, practical suggestions to understand the challenges and the choices for continued financial well-being.
Brian Ash, Brian Ash and Associates, Ltd., Lisle, IL

603 Safety Culture & Safety Climate in Construction: Bridging Research & Practice (B)
Sponsored by ClickSafety and the Construction Practice Specialty
This panel presentation will deliver key findings from a recent safety culture/safety climate workshop relevant for safety and health professionals. Safety Directors from 5 different sized companies will present initiatives they have implemented to improve safety culture and climate in their own organizations including challenges they faced and overcame.
Linda M. Goldenhar, Ph.D., MS, CPWR - Center for Construction Research and Training, Silver Spring, MD; Paul A. Amedee, CSP, Safway Group Holding, LLC, Waukesha, WI; William (Tony) Barsotti, CSP, TCM, Portland, OR; Rusty A. Brown, CSP, Kiewit Power Constructors, Lenexa, KS; O’Brien R. Mills, Aldridge Electric, Libertyville, IL

604 Psychophysical and Demographic Changes Require Rethinking Ergonomics Strategies (A)
Sponsored by the Standards Development Committee
Recent articles describe significant changes in workers’ physical capacity and psychological perception of performing manual tasks such as lifting/lowering, pushing, pulling and carrying. These demogrophic and psychophysical changes require safety/ergonomic professionals to modify their strategies on how to reduce exposures to overexertion and musculoskeletal problems.
James G. Borchardt, CSP, CPE, Construction Ergonomics LLC, Bettendorf, IA

605 “Look Up - The Roof’s On Fire” (I)
The session will highlight the challenges and importance of embedding safety management for the successful design, commissioning and ongoing maintenance of rooftop Photovoltaic (PV) installations. These installations can result in unintended consequences such as fires, building collapse, electrocution, severe injuries and fatalities to workers, among others.
Aaron J. Kalisher, CSP, LEED AP, Chubb & Son, Inc., Whitehouse Station, NJ; Richard P. Luongo, PE, CFPS, Chubb & Son, Inc., Whitehouse Station, NJ

606 Integrated Approaches to Wellness in the Workplace: Workers’ Compensation Impact (I)
Sponsored by the Ergonomics Practice Specialty
Considerable attention has been given regarding integrated approaches to workplace health and wellness. These approaches integrate health protection and health promotion to advance worker safety, health and well-being. This presentation will describe an evidence based wellness continuum emphasizing ergonomic interventions with ROI impact on medical and WC costs.
Wayne S. Maynard, CSP, CPE, ALCM, Liberty Mutual Insurance, Hopkinton, MA

607 Help the “Bulletproof” Employee Make the Connection (I)
Sponsored by the Consultants Practice Specialty
Discover how you can effectively arm yourself and your organization with powerful tools that inspire “bulletproof” employees to exhibit the desired behaviors and to ultimately empower unconditional safety excellence within… because it matters. Dare to think differently.
J.A. Rodriguez, Jr., CSP, Raytheon Company, Dulles, VA

608 10 Ways to Leverage Safety Collaboration with Occupational Health Professionals (I)
EH&S professionals are often expected to collaborate with medical providers, however effective communication can be challenging. During this session, occupational medicine physicians will explain how safety professionals can enhance collaboration to effectively leverage medical expertise, help ensure regulatory compliance, and allow clinicians to support a culture of health and safety.
Peter P. Greaney, M.D., WorkCare, Inc., Anaheim, CA; John Paul M. Longphre, M.D., M.P.H., WorkCare, Inc., Anaheim, CA; Patrick D. O’Callahan, M.D., M.P.H., WorkCare, Inc., Anaheim, CA

609 International Perspectives on Safety Management - 2 Part Session:
609-a SPEED Management - A Strategic Tool for Safe Road Journey at KOC, Kuwait (E)
“SPEED Management” is a multidimensional approach to enhance road safety performance. This presentation specifies important areas which can identify gaps/suggest remedial measures to ensure road safety improvements. These initiatives signify an organization’s commitment “We Care.” SPEED Management was the Winner of the 2014 ASSE Safety Innovation Award.
Bala Siva Srikanth Adivi, CSP, CMIOSH, Kuwait Oil Company, Ahmadi, Kuwait; Ali Hasan Al-Falakawi, Kuwait Oil Company, Ahmadi, Kuwait; Yousef Al-Qallaf, Kuwait Oil Company, Ahmadi, Kuwait; Ajay Kumar Mohanty, MIFE, MIIR, Kuwait Oil Company, Ahmadi, Kuwait

609-b Integrated Management Systems in SMES (I)
Sponsored by the Transportation Practice Specialty
This session will define the basic guidelines of a Management System (MS) and integration of the three international standards in order to make an effective MS, regardless of company size. Purpose: increase the number of companies with MS, developed, implemented and maintained over time and remove fear of integration of international standards.
Ariadna N. Geromin, NP Consultora, Rada Tilly, Chubut, Argentina; Diego N. Galleguillo, NP Consultora, Rada Tilly, Chubut, Argentina

610 Flash Fire Risk Assessments for the Upstream O&G Industry using API RP 99 (I)
Sponsored by Westex and the Oil & Gas Practice Specialty
The Presentation is based upon API RP 99 explaining through the use of hazard assessments, risk analyses and engineering controls that the use of FRC is only in specific operations and situations. It includes a review of tools such as the Bow-Tie model, Risk Assessment worksheets, and FRC Decision Tree.
Wayne Vanderhoof, CSP, RJR Safety Inc., Claysville, PA

611 OSHA’s General Duty Clause: A Guide to Enforcement and Legal Defenses (B)
Sponsored by Cintas and the Women in Safety Engineering (WISE) Common Interest Group
OSHA enforcement actions under the “General Duty Clause” are on the rise and cover issues including workplace violence, on-the-job impairment, ergonomics, and chemical hazards. This session will address how knowledge of “recognized hazards” is imputed to employers, the role of risk assessment, limitations on GDC use, and legal defenses.
Adele L. Abrams, J.D., CMS, Law Office of Adele L. Abrams PC, Beltsville, MD

612 OSHA Construction Update, Standards, Enforcement and Outreach Initiatives (B)
Sponsored by MSA - The Safety Company
The session will cover OSHA’s current construction standards development, construction enforcement efforts, and outreach initiatives. The session will include a discussion of the joint NIOSH/OSHA/NORA construction fall prevention awareness campaign and the fall prevention stand-down.
James Maddux, U.S. Department of Labor - OSHA, Washington, DC

613 DUST EXPLOSIONS - The Nature of the Problem & Practical Measures for Its Control (I)
Sponsored by the Chubb Group of Insurance Companies
This presentation will enable participants to utilize methods for quantifying hazards and will estimate the hazardous properties of combustible dust. Attendees will leave with the ability to screen materials that they handle, to aid in determining the precautions that should be taken in handling, processing and storing combustible powders.
Vehid Ebadi, Ph.D., Chilworth Technology, Inc. - a DEKRA company, Princeton, NJ

614 Mechanics of Your Mod - The Five W’s (A)
Sponsored by the Risk Management/Insurance Practice Specialty
This session will laser-focus on the Who, What, Why, When, Where and How the Workers’ Compensation Experience Modifier is developed.
Christine M. Sullivan, CSP, ARM, Lockton Companies, Denver, CO; Mark D. Oldham, CSP, Lockton Companies, Denver, CO

615 Managing the Total Cost of Risk (TCOR) - Case Study (A)
Sponsored by the Risk Management/Insurance Practice Specialty
This case study will demonstrate the Safety Professional’s role in leveraging data to assist in identifying key cost drivers and creating more effective and sustainable loss prevention and claims management programs that will aid in responding to changing demographics, medical cost, frequency and severity of injuries and other trends.
George B. Nassif, CSP, CHCM, Aon Global Risk Consulting, New York, NY
Tuesday Session Descriptions

616 One Corporation’s Global System for Driving Sustainable Safety Risk Management (I)
Health and Safety Management Systems are very effective tools for driving the programs, activities and culture needed for safety excellence. This presentation describes one global manufacturing company’s safety and health management system and explores the factors that make it effective and efficient at driving sustainable safety excellence around the world.
John R. Mulhausen, Ph.D., CSP, CIH, 3M Company, St. Paul, MN

617 Innovative Safety Practices to Break Through the Plateaus in Performance (E)
The safety performance of companies has stalled in recent years. Many experience long periods of success—only to hit sudden surges of serious accidents or near catastrophic events. This presentation explores reasons for these inexplicable trends, and offers innovative ideas and new approaches for companies and the safety profession.
Connie Pitzer, B.Hons (Ind. Psych.), B.Hons (Bus.), MBA, SAFEmap International, Vancouver, British Columbia, Canada

618 A Healthier Workplace Makes for a Safer Workplace (E)
This session discusses how most workplace health protection programs (safety) are separated from workplace health promotion programs (wellness). The two are often housed in completely distinct organizational divisions with minimal attempts at integration. This lack of integration prevents optimal resource utilization and impedes efforts to maximize the overall health and productivity of the workforce.
Todd R. Hohn, CSP, UL, Northbrook, IL

619 Fall Prevention vs. Fall Protection: A New Safety Category (I)
Everyday nearly 2,000 people are injured while using a ladder; 100 will suffer a long-term disability; and one person will die in a ladder-related accident. Learn how to improve worksite safety, how to teach fall prevention training, and how you can get more of your employees home safely each night.
David A. Francis, Little Giant Ladder Systems, Springville, UT

620 OSHA’s PSM Standard: Achieving Compliance and Avoiding Pitfalls (I)
This presentation discusses the areas focused on by OSHA during a PSM inspection from the perspective of outside legal counsel, and how to avoid common pitfalls from the perspective of an in-house EH&S professional. It will discuss examples of where programs fall short and offer solutions for a compliant PSM program.
Kristin R.B. White, J.D., Jackson Kelly, Denver, CO; Ryan S. Burt, CSP, ABM, Powder Springs, GA

621 How to Become a Safety Training Ninja (I)
Sponsored by ClickSafety, the Women in Safety Engineering (WISE) Common Interest Group and the Consultants Practice Specialty
Tired of compliance based lectures, and begging people to come and pay attention? Stop working so hard and work smarter. Be a safety training Ninja who uses the tools like a master and slices through training challenges.
Regina C. McMichael, CSP, CET, The Learning Factory, Inc., Clemson, SC

622 The Humor in Safety, From Blah Blah Blah to Ha Ha AH HA (I)
Warning: Attending this session may cause belly-aches, teary eyes and sore sides! Have your safety and health presentations become drab and dreary? Do your employees attend safety sessions without a kick in their step? A light hearted way will be presented on how to make safety meetings interesting and actually fun!
Tim S. Page-Bottorff, CSP SafeStart®, Mesa, AZ

623 Save Your Fleet & Avoid Costly Losses Through Implementation of ANSI/ASSE Z15.1 (I)
Sponsored by MSA - The Safety Company, the Standards Development Committee and the Transportation Practice Speciality
Protect your fleet from vulnerabilities and legal action associated with failure to actively manage fleet risk. Participants will hear about types of punitive damage claims and challenges associated with legal action. Learn elements of and applicability of the ANSI/ASSE Z15.1 standard and how to form partnerships for integration and deployment.
Peggy E. Ross, CSP, CPE, RN, COHN-S/CIM, FAOAHN, Baxter Healthcare, Round Lake, IL; J. Terrence Grisim, CSP, CDS, CPSM, ARM, Safety Management Consultants, Inc., Elmhurst, IL

624 Key Issue Roundtable: Short-Service Workers (Focus on Temporary and Seasonal Employees) (I)
Sponsored by the Human Resources Branch of the Management Practice Speciality
Short-service employees are vulnerable to injury because of unfamiliarity with potential risks in their new work environment. OSHA’s initiative to further protect temporary employees from workplace hazards defines both host employer and temporary agency as sharing responsibility. This roundtable will explore challenges and best practices for the short service workforce.

625 Key Issue Roundtable: Safety Implications of Chemical Disinfectants in Healthcare (I)
Sponsored by the Healthcare and Industrial Hygiene Practice Specialities
Healthcare associated infections represent a significant challenge to patient safety. To control this emerging threat, new chemicals and novel applications of existing chemicals are being marketed heavily to the healthcare industry. This roundtable will discuss challenges and attempt to build consensus on development of a proactive Health & Safety assessment model which balances staff and patient safety.

626 Real-time Site Monitoring for Safety, Health and Environmental Compliance (I)
Wireless devices including smartphones and tablets can now interface to other data acquisition devices, ‘smart’ sensors and wireless-enabled instruments allowing real-time alerts of safety risks and environmental hazards. It is now possible to monitor and control on-site activity remotely through the use of secure, web-enabled smart devices.
Robert G. Brauch, Casella CEL Inc., Buffalo, NY

630 Persuasion Power - How to Get It, Keep It, Use It (E)
Sponsored by the Consultants Practice Specialty
This session focuses on the proper use of persuasion in the business world. This interactive session will give you business skills you can deploy tomorrow for the benefit of your company, your clients and your career.
Michael E. Rega, CSP, Ecliptic Group, Clearwater, FL

631 Using Near Miss Reporting to Enhance Safety Performance in Construction (B)
Sponsored by UL Workplace Health & Safety
A near miss management program was implemented on a large petrochemical construction project. There were statistically significant decreases in recordable incidents reported which was inversely related to the count of near misses being reported. This presentation describes the program, evaluates success and outlines a novel human error reporting mechanism.
Brian E. McKay, MPH, CSP, CIH, Fairweather LLC, Eagle River, AK; Eric Marks, Ph.D., P.E., University of Alabama, Tuscaloosa, AL

632 A Strategy for Reducing Construction Fatalities (I)
This presentation will cover the Permit to Work, PTW process, a typical PTW permit form, and the responsibilities of various personnel (permit originator, permit user, site checker, etc.). The governing international standards, U.S. standards, and OSHA regulations will be discussed and case studies will be presented. Specific examples such as confined space, hot work, and live electrical work will be presented. Take aways will include sample permit to work forms.
John W. Mroszczyk, Ph.D., P.E., CSP, Northeast Consulting Engineers, Inc., Danvers, MA

633 Dial 911 For Permit Required Confined Space Rescue (A)
Merely posting “Dial 911 for Confined Space Emergencies” doesn’t meet the requirements of OSHA and ANSI for an employer to provide rescue services as part of their permit required confined space program. This presentation describes many of the questions to ask in determining if 911 should be your rescue solution.
Patrick R. Furr, COO/Sho Rescue Inc., Baton Rouge, LA

634 Putting the ‘E’ in EHS - Environmental A-Z, from Permitting to Compliance (B)
Sponsored by the Environmental Practice Specialty
As EHS professionals, many hats are being worn, so for environmental compliance outside expertise will be sought. This can lead to difficult permit conditions, communication, decreased flexibility and possible future compliance issues. This presentation will walk through managing the permit application process to maintain flexibility and manage ongoing compliance.
Caitlin E. Anderson, CSP, QEP, 3M, St. Paul, MN; Megan E. Acker, 3M, St. Paul, MN

Part of our Expo Education Program, which delivers technical content from our Exhibitors.
3:00 PM-4:15 PM PERIOD VI

635 Safety & Health in the Fire, Rescue and Emergency Services (I)  
Sponsored by the Public Sector Practice Specialty  
People working in fire, rescue and emergency services, whether career, volunteer or industrial fire brigade members are faced with a myriad of occupational health and safety risks that may result in injury, illness or death. This presentation will address these risks with an emphasis on lessons learned and prevention.  
Lero J. DeBose, CSP, CPEA, CHCM, CET, EMST, Stony Brook University Hospital, Stony Brook, NY

636 Ventilation Surveys - What You Are Missing Can Hurt You! (I)  
Sponsored by the Women in Safety Engineering (WISE) Common Interest Group and the Utilities Practice Specialty  
Companies install all sorts of mechanical and local exhaust ventilation to control air contaminants and explosion hazards for everything from arc welding to kitchens. Dentist offices to embalming operations and then never again give them a second thought or assess their effectiveness. Learn about the importance of competent ventilation surveys.  
Connie L. Muncy, CIH, AES, Dayton, OH

637 Incident Management as a Cornerstone for a Successful Safety Culture (E)  
Incident management is on one side a cornerstone of proactive safety management, and on the other side incident management is not an island, but a connector between many stakeholders in an active safety culture concept. The presentation outlines these key elements and a possible IT solution setup.  
Bernd A. Freibott, Global Sustainability EHS Consulting, Markdorf, Germany

638 OSHA Recordkeeping and Workers’ Compensation Claims Reporting Requirements (I)  
Sponsored by the Women in Safety Engineering (WISE) Common Interest Group  
This presentation covers OSHA’s recordkeeping rules and procedures and the differences between OSHA 300 recording and workers’ compensation reporting. This interactive session will offer practical scenarios that will assist attendees in applying the concepts in their day to day operations.  
Dana Heimdal Chernault, CSP, MIDGARD, Lusby, MD

639 OSHA Activities in the Oil Patch (I)  
OSHA’s activities in the upstream oil and gas industry will be discussed. The presenter will address OSHA’s enforcement (enforcement data and initiatives); Request for Information (RFI) with respect to possible rulemaking efforts; and compliance assistance including stakeholder outreach and publications such as the Hazard Bulletin on Hydraulic Fracturing and Flowback Hazards Other Than Silica.  

640 Right-Sizing Your Risk Assessment Approach for Efficiency & Effectiveness (I)  
Sponsored by the Risk Management/Insurance Practice Specialty  
Learn the various risk assessment techniques and how to select the best approach for your organization. Attendees will leave better informed on their options, that a one-size-fits-all approach may not be best and how using the correct technique(s) will help drive risk reduction in an efficient and effective manner.  
Kevin J. Dix, Aon Global Risk Consulting, Chicago, IL; Kevin M. Murray, CSP, Aon Global Risk Consulting, Middlefield, CT

641 Workers’ Compensation Premiums: Can You REALLY Control These Costs? (I)  
Sponsored by the Risk Management/Insurance Practice Specialty  
This session explains how a privately held business was able to incur year over year savings in their insurance program by dedicating internal resources towards injury prevention while at the same time maximizing their insurance partners’ resources. In 2008, Forum Communications’ leaders began a strategy to assume control of their insurance costs.  
Jennifer L. Slater, MBA, CIA, AON Risk Solutions, Minneapolis, MN; Brian J. Kleespies, Forum Communications Company, Fargo, ND

642 Golf Carts/Utility Vehicles - They Are Not Just For Golf Anymore! (I)  
Golf carts, Segways, scooters, 4-wheelers and all-terrain vehicles (ATV) are all being used as alternatives or supplements to conventional transportation vehicles. This program will provide an overview of the regulations and risk management practices that can help minimize both injuries and equipment damage caused by these vehicles.  
Paul E. Allen, CSP, CIH, ARM, Chubb Group of Insurance Companies, Willow Street, PA

643 Organizational Leadership and Safety... Bridging the Gap (E)  
Sponsored by the Consultants Practice Specialty  
The effectiveness of Leadership in an organization defines the success or failure of the Safety Process. This session will outline the characteristics of successful leaders who are able to move beyond continuous improvement into continued excellence. Attendees will learn the skills needed to bridge the gap between leadership and safety.  
Christopher A. Goulart, STS, CHST, CET, ClickSafety.com, Burlington, MA

644 Hispanic Workers’ Safety: Looking at the Big Picture (B)  
Sponsored by the Chubb Group of Insurance Companies  
Organizational factors would increase Hispanic workers’ risk of injury as well as their delegation to the most dangerous jobs and tasks. Companies have to address these challenges. This presentation reviews paradigms, challenges and proposes a safety management system approach to help employers in managing safety with a diverse workforce.  
Luz S. Marin, Sc.D., Northeastern University, Lowell, MA; Lizzette Vargas-Malpica, CSP, Stanford University, Stanford, CA

645 Shattering Myths: The New Face of Fatigue Management (I)  
This session will present the most recent scientific research on how to optimize safety and performance while minimizing the effects of fatigue. Key topics include the effective use of lighting technologies, fatigue detection devices, optimizing schedule design, and implementing a fatigue risk management system.  
Mike Harrett, SW Safety Systems, White Rock, British Columbia, Canada

646 Green Beans & Ice Cream: Beyond the Power of Zero, The Final Frontier (I)  
For years, safety leaders have been challenged with hitting the goal of zero injuries. Millions of dollars have been spent by leading firms in search of Zero, the “Holy Grail” of safety. Many of these efforts have proved beneficial, and yet many others must be questioned.  
Bill Sims, Jr., The Bill Sims Company, Irmo, SC

647 Implementing NFPA 70E for Arc Flash Safety (I)  
Sponsored by Grainger  
This presentation covers the 2015 NFPA 70E changes as well as the challenges and key issues facing 70E implementation for workplace safety.  
Daryn R. Lewellyn, Lewellyn Technology, Indianapolis, IN

648 Next Generation Fall Arrestors & Lifelines (I)  
Fall protection equipment continues to advance to create a safer environment for workers at height. This session discusses 2359.15 Safety Requirements for Single Anchor Lifelines & Fall Arrestors. The session will review key changes: panic features, lifeline requirements, anchoring methods (knobs), lanyard lengths and testing requirements.  
Kevin B. Denis, Gravitec Systems, Inc., Poulso, WA

649 A Review of the Top 10 Mobile Apps for the Safety Professional (I)  
Sponsored by ClickSafety and the Construction Practice Specialty  
Do you want to learn about the most current and reliable mobile Apps available for safety and health compliance? Learn about the top 10 mobile apps and discuss source compliance reliability, demonstrations of their features and tips on how to best introduce this technology into your operations.  
Paul J. Colangelo, STS, CHST, CET, ClickSafety.com, Burlington, MA

650 Image-Based Safety Training (B)  
Sponsored by the Consultants Practice Specialty  
Training activities based on images and accelerated learning principles can be extremely effective. When trainees are illiterate or have English as a second language, images are more important. In this session, you will learn safety training activities that involve only visual aids. This is an interactive session.  
Linda M. Tapp, CSP, ALCM, SafetyFUNdamentals, Madison, NJ

651 Don’t Wait for an Intervention: Use CSA “SMC” - to ID Opportunities (A)  
Sponsored by the Transportation Practice Specialty  
CSA Safety Management Cycle (SMC) is an investigative process tool used during interventions when a carrier has SMS scores that indicate issues with safety controls. Learn how to use the SMC tool before an intervention and help develop meaningful actions to reduce your SMS scores and crash potential.  
Nancy J. Bendickson, CSP, CDS, ARM, Aon Global Risk Consulting, Minneapolis, MN
652 Fundamentals of SH&E: Workplace Health (B)
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.

653 Key Issue Roundtable: Decreasing the Relevance of OSHA-Driven Metrics
Sponsored by the Management Practice Specialty
Safety/Health metrics have historically focused on OSHA-driven criteria. These metrics, while valuable, do not necessarily indicate true safety/health performance. Leading indicators have proven to truly drive performance improvement. Safety professionals must develop language that helps explain to business leaders the concept of measuring performance using alternate variables.

654 Key Issue Roundtable: Successful Integration of Occupational and Non-Occupational Wellness Efforts: Successes Shared and Lessons Learned
Sponsored by the Health & Wellness Branch of the Healthcare Practice Specialty
Wellness is a lifestyle and not a 9 to 5 effort. We will discuss what has been successful in encouraging employees to improve their health. This session will provide an opportunity for individuals to share ideas, experiences and challenges on integrating employee wellness at work and outside of work.

655 Standardizing Pre-Placement Physical Exam to Reduce OSHA Recordability (A)
Having a proper pre-placement physical examination can decrease frivolous recordable injuries and help maintain a healthy workforce. Understanding that there are available means of identifying at-risk employees and that not all “occ-med” clinics and physicians are equal is key to maintaining a healthy and injury free workplace.
Thomas Hysler, M.D., MPH, Houston Area Safety Council, Pasadena, TX

662 Safety Culture, Green Construction and a Multi-ethnic Workforce: A Case Study (B)
Sponsored by the Safety Professionals and the Latino Workforce (SPALW) Common Interest Group
Reports on a NIOSH investigation of the factors critical to the outstanding safety record achieved at the Omni Hotel project in Dallas. It provides management-level and subcontractor-level perspectives regarding the safety approach, how this differed from other projects, and how the lessons learned could be integrated into the construction industry.
Thomas R. Cunningham, Ph.D., NIOSH, Cincinnati, OH; Michael A. Flynn, MA, NIOSH, Cincinnati, OH

663 What Industrial Contractors Need to Know About MSHA Before Work at a Mine Site (I)
Planning to perform construction operations on a mine property? Learn how to negotiate the quagmire of rules and regulations established by MSHA before you get into trouble. It’s way different than OSHA!
Terry P. Keenan, McC Inc., Greenfield, MN

664 Ergonomics Strategies for Healthcare Workers (B)
Sponsored by UL Workplace Health & Safety
Healthcare workers present unique ergonomic challenges with respect to individual and organizational factors. We will review risk factors common in the healthcare workplace and with the workers themselves. Practical solutions to use immediately for patient transfers, office, laboratory and pharmacy environments using real world “before and after” examples, will be outlined.
Ronald W. Porter, PT, CEAS III, The Back School, Atlanta, GA

665 JHAs: It’s All in the Details (B)
Sponsored by UL Workplace Health & Safety and the Healthcare Practice Specialty
A proper JHA requires much more than observing a job to see “if it looks hard.” In this session, you will learn the basics of proper task analysis, documentation and benchmarking to appropriate standards. Examples will include healthcare and general industry.
Phillip Langdon Dement, GSP, UL Workplace Health & Safety, Franklin, TN

666 Building Safety Commitment (B)
This session is a transformational experiential workshop for frontline employees and leaders. Safety commitment will be defined and strengthened in this event. Attendees will achieve personal insights for a new commitment to safety, while also earning skills for improving their dedication to safety.
Daniel J. Moran, Ph.D., BCBA-D, Quality Safety Edge, Joliet, IL

4:30 PM-5:30 PM PERIOD VII

660 Advancing HSE Professionals in Business (I)
Sponsored by the Blacks in Safety Engineering (BISE) Common Interest Group
This session examines the critical leadership skills that HSE professionals must display on a consistent basis in order for them to be seen not just as leaders within their field but as business leaders capable of successfully operating throughout the organization in the attainment of its goals.
Julius E. Rhodes, SPHR, hrp group, Chicago, IL; Linda G. Rhodes, CSP, Commonwealth Edison, Oak Brook Terrace, IL

661 Safety – Not Good Enough (A)
Sponsored by Cintas
The safety profession has accomplished much, but we still have much more to do. Our profession needs to adapt quickly to meet the challenges of tomorrow. This presentation will outline gaps and potential solutions for the safety profession with the goal of starting a dialogue for improvement of the profession.
Paul W. Ganttt, MEng, CSP, CHST, CET, Safety Compliance Management (SCM), San Ramon, CA

662 Don’t Forget About Fit – What You Need to Know About Respirator Fit-testing (A)
Appropriate respirator selection is an important step in respirator program management. Proper fit must not be overlooked. This session will discuss respirator fit and comfort, advantages and limitations of fit test methods, the what, why, when and how of fit testing, and practical tips for success.
Scott A. Larson, CSP, CIH, 3M, St. Paul, MN; Megan R. Torgrade, CIH, 3M, St. Paul, MN

667 I Have to Know and Do What? Considerations for International Practice (I)
Sponsored by the International Practice Specialty
When you become a safety professional – you never know where that will take you. Applying our own Risk Assessment Models on working internationally, this speaker will review a few things that you need to consider in approach and in programming.
Eileen E. Pozniak, CRSP, CMIOSH, CHSMHA, Pozniak Safety Associates, Inc., Saskatoon, Saskatchewan, Canada

668 Social Sustainability & Stakeholder Engagement: An International Perspective (A)
Sponsored by Westex
Learn how to recognize combustible dust and explosion hazards, conduct a worksite assessment, take samples and have them analyzed, what the results mean, a review of the OSHA and NFPA regulations that apply, and what steps may be needed to reduce or eliminate the hazards. Examples from case studies will be included.
Henry C. Rust, CSP, U.S. Department of Labor - OSHA, Jackson, MS

669 Combustible Dust - What You Need to Know About It (I)
Sponsored by Westex
Learn how to recognize combustible dust and explosion hazards, conduct a worksite assessment, take samples and have them analyzed, what the results mean, a review of the OSHA and NFPA regulations that apply, and what steps may be needed to reduce or eliminate the hazards. Examples from case studies will be included.
Henry C. Rust, CSP, U.S. Department of Labor - OSHA, Jackson, MS

670 Using Big Data to Predict and Prevent Serious Injuries & Fatalities (I)
Many companies have reduced their recordable rates, but still are plagued by infrequent severe injuries and/ or fatalities. If true safety leading indicators could be identified and precursors for serious injuries/fatalities could be recognized and acted upon through predictive analytics, we could predict, prevent and eliminate death on the job.
Chuck B. Pettinger, Ph.D., Predictive Solutions, Blacksburg, VA

671 Achieving Business Excellence Through Risk Management: Idea or Execution (A)
Sponsored by the Risk Management/Insurance Practice Specialty
Many organizations struggle with the deployment of risk management and loss prevention programs. ISO 31000 and ANSI Z10 provide general guidance but don’t offer a specific implementation methodology. This session will provide participants an opportunity to explore business strategies which can be applied to sponsor organizational change and improve performance.
John R. McConnell, CSP, CRSP, Willis Group, Grand Rapids, MI; Francis P. Sehn, CSP, ARM, Willis Group, Pittsburgh, PA

672 Falls and the Aging Population – Solutions for the Property Owner & Risk Manager (I)
This session examines the driving forces behind falls and our aging population, and how to manage the controllable factors. Practical solutions are offered for application to both the workplace and public properties, such as commercial buildings frequented by the public.
Annmarie Feeley Jones, Chubb Group of Insurance Companies, Los Angeles, CA; Fred M. Champion, CSP, CKLT, AOEE, Chubb Group of Insurance Companies, New York, NY
674 Aligning Safety Leadership Through the Use of Scenarios (A)
Using scenarios to develop a more consistent approach to situational decision-making and leader behavior is an efficient and effective way to increase behavioral reliability. This presentation demonstrates this mechanism and its power to move the needle in leader consistency and decision-making around safety situations.
James B. Spigener, BST Inc., Ojai, CA

675 The New Safety Strategy: Stop Preventing Accidents and Start Adding Value (E)
Leading organizations are developing safety strategies around meeting the safety needs of the worker rather than simply directing their accident prevention efforts. Find out how they have used this approach to quit avoiding failure and start achieving success while turning what they measure in safety from failure to success metrics.
Terry L. Mathis, ProAct Safety, Inc., The Woodlands, TX

676 Meta-Culture Safety Assessment (A)
Sponsored by the Women in Safety Engineering (WISE) Common Interest Group and the Management Practice Specialty
Organizational safety culture has been highly researched, continuously demonstrating that those companies with positive safety cultures have fewer safety incidents. Can the same be true for an entire industry? With its goal of zero pipeline incidents in the natural gas industry, INGAA (industry organization) was determined to find out.
Kimberly R. Jackson, CSP, Spectra Energy, Houston, TX; Christiane Spitzmuller, Ph.D., University of Houston/Center for Applied Psychological Research, Houston, TX

677 Briefing Your Boardroom on EH&S (E)
Sponsored by the Business of Safety Committee
EH&S and risk events are being covered daily in the Wall Street Journal. Corporate directors are asking questions of their c-suite executives on known and emerging risk. Are you ready to prepare an EH&S briefing for your board? Learn how to present your strategy, results and issues for safety investments.
Fay F. Feeney, CSP, ARM, Risk for Good, Hermosa Beach, CA

678 Practical Leadership for Sustainable Business: Health and Safety Management (A)
This presentation will explore the vital and mutually-beneficial relationship between an organization’s sustainability initiatives and its safety and health process. Practical concepts, tools and techniques will be presented to enable sustainable development of your efforts.
Larry E. Walker, DVN GL, Foley, AL

679 The Technological Journey: One Company’s Experience (I)
Learn about a 10 year technology journey in a warehouse at L.L.Bean that changed the culture to support capital investment and ongoing use of technology. Find out how you can reduce risk and injuries, gain productivity through technology and build a supportive team environment without just replacing employees with robots.
Deborah R. Roy, MPH, CSP, L.L.Bean, Inc., Freeport, ME

680 Sliding Resistance of Ballasted Anchorages for Active Fall Protection Systems (A)
Ballasted anchors are popular for portability and avoiding roof penetrations. Friction and momentum makes behavior very complex to analyze. A simplified analysis method is developed, proposed and compared to other methods. Testing is discussed, and EN795 is compared to North American requirements for 310 lb (140 kg) workers.

681 135 Trainer Tips and Tricks! (I)
Sponsored by the Training & Communications Practice Specialty
Refresh training can become dry/boring. This interactive session is designed to provide trainers with plenty of tips/tricks used by others. Those with responsibility for training will come away with ideas to use/incorporate into their next training session.
Jonathan T. Klane, M.S.Ed., CH, CET, Arizona State University (ASU), Tempe, AZ; Fredi Doeringst, B.S., Arizona State University (ASU), Tempe, AZ

682 Fundamentals of SH&E: Fire Protection (B)
This session will 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

683 Key Issue Roundtable: Emergency Management
Sponsored by the Fire Protection, Public Sector and Utilities Practice Specialties
This will be a group discussion among attendees regarding critical considerations in emergency management, lessons learned from past emergencies, and resources available. Focus will be on prevention, preparedness, mitigation, response and recovery.

684 Key Issue Roundtable: Risk Management and Risk Assessment II - What Are You Doing to Move the Profession Forward?
Sponsored by the Risk Management/Insurance Practice Specialty
This session will cover the topics of risk assessment and risk management and how these two important areas are impacting the profession and moving it forward.

685 Implementing the Hazard Communication Standard Final Rule: Lessons Learned (I)
Changes to the Hazard Communication Standards are bringing the United States into alignment with the Global Harmonization System. This study, compiled through a collection and analysis of data provided by trainees who participated in the Rutgers 2012 OSHA Susan Harwood training, identified the challenges and the effectiveness of this initiative.
Koshy Koshy, Ph.D.; Michael Presutti; Mitchel A. Rosen, Ph.D., CHES; OSHA Training Institute Education Centers, Piscataway, NJ

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Luncheon Presentation

12:00PM - 1:30PM
Leadership Isn’t For Cowards
Michael Staver

Mike Staver will offer straightforward steps to leading courageously and practical tips for driving performance. Courageous leadership means toughening your approach by being rigorous in the application of your values through the company culture. It means confronting and challenging people, and not letting them get away with being less than you know they can be.

Closing General Session

3:00PM - 4:00PM
Success, fulfillment, and the Power of Being an Invisible
David Zweig

David Zweig is the author of Invisibles: The Power of Anonymous Work in an Age of Relentless Self-Promotion. In an age where gaining attention seems to be valued above all else what kind of person chooses to work behind the scenes . . . and thrives there? We too often measure our worth by the amount of praise we receive, and online, where we spend so much of our time today, by the number of “likes” and followers we have. But what if the supposed purpose of seeking all this attention is a vast myth?

Wednesday Schedule of Events

7:00AM - 3:15PM
Safety 2015 Conference Registration Open
Post Conference Seminars Registration Open

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

7:00AM - 4:30PM
Service Center Open

7:45AM - 9:00AM
Concurrent Educational Sessions (Period VIII)

9:15AM - 10:30AM
Executive Summit
Sponsored by Grainger

11:00AM - 12:00PM
Concurrent Educational Sessions (Period IX)

12:00PM - 1:30PM
Conference Luncheon, BCSP Award of Excellence Ceremony, & Luncheon Presentation*

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

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

3:00PM - 4:00PM
Closing General Session

*Additional fee and/or pre-registration required.

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
YOU WON’T WANT TO MISS...

EXECUTIVE SUMMIT
9:15AM - 10:30AM
Sponsored by Grainger

The Executive Summit Panel, consisting of executives from a range of industries and organizations, provides a valuable view of safety from the c-suite. Hear their insight on safety and the role of OSH professionals in their organizations. All conference attendees are invited to attend.

The stories and examples they share offer additional tools and strategies that can help OSH professionals understand their role, overcome organizational obstacles and ultimately be more effective.

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
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</thead>
<tbody>
<tr>
<td>7:45am – 8:00am (VIII)</td>
<td>Employment Law Faux Pas and Pitfalls the Safety Professional Must Avoid</td>
<td>Identifying Cultural Hazards: Four Clues That You May Be Out Of Balance</td>
<td>NIOSH Guardrail System - From Research to Field Evaluation to Production</td>
<td>Growing Your Own Construction Safety Professionals</td>
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<td>Business Lessons: What CEOs and the C-Suite Want from Safety</td>
<td>Achieving Sustainable Safety Excellence: A Complex Systems Approach</td>
<td>Construction Safety Forum</td>
<td>Research and Design of Fall Protection Systems in Residential Construction</td>
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<td>Hazardous Material Inventory Management in Preparation for Warehouse Disaster</td>
<td>Probability Sensing Technology for Construction Sites</td>
<td>Overreaching on Ladders: Motivated to Succeed or Fail?</td>
</tr>
<tr>
<td>9:30am – 10:15am (XI)</td>
<td>Building Your Strengths to be an Environmental High Performing Company</td>
<td>Improving Sprinkler System Reliability</td>
<td>Add PtD to your PJHA - A Practical Method to Reduce Fatality and Catastrophic Event Prevention</td>
<td>Fatality and Catastrophic Event Prevention</td>
</tr>
<tr>
<td>10:15am – 11:00am (XII)</td>
<td>The Science and Reasoning of Stretching &amp; Strengthening in the Workplace</td>
<td>Early Intervention Methods Bridge the Gap Between Reactive and Proactive Systems</td>
<td>The Four Disciplines of OSH Execution to Achieve Safety Excellence</td>
<td>How to Minimize Risks in the Fracking World - Where, Why &amp; How to Minimize Risks</td>
</tr>
<tr>
<td>11:00am – 11:45am (XIII)</td>
<td>What Services Should I Offer? Finding Your Practice Niche</td>
<td>Rural Road Safety: How to Reduce Accidents for Rural Road Users</td>
<td>The ‘Internet of Things’ (IoT) – Opportunities and Risks</td>
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<td>11:45am – 12:30pm (XIV)</td>
<td>Improving Traffic Safety and Efficiency for Large Sites</td>
<td>Indoor Office Safety: How to Reduce Accidents for Indoor Office Users</td>
<td>Occupational Dog Bite Prevention - Training Employees to Protect Themselves</td>
<td>Establishing Effective Accountability Using Sports and Performance Management Tools</td>
</tr>
</tbody>
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**WEDNESDAY SESSION SCHEDULE**

**CALL +1.847.699.2929**
7:45 AM-9:00 AM PERIOD VIII

701 Employment Law Faux Pas and Pitfalls The Safety Professional Must Avoid (I)
This session will help the safety professional avoid common, and not-so-common, employment law missteps. Participants will learn that liability under the ADAAAA is more than just "failure to accommodate." Risks associated with the interplay of workers' comp and the FMLA, along with some common torts, will also be discussed.
Barry S. Spurlock, J.D., CSP, Eastern Kentucky University, Richmond, KY

702 Identifying Cultural Hazards: Four Clues That You May Be Out Of Balance (I)
Traditional health and safety risk assessments are focused on hazard identification. But what if the hazards are not physical or chemical? What if they are cultural? How can you identify cultural hazards that have a profound effect on safety, productivity and quality? This session will show you how!
Rodney E. Grieve, BRANTA Worldwide, Inc., Sacramento, CA

703 NIOSH Guardrail System - From Research to Field Evaluation to Production (B)
Sponsored by the Construction Practice Specialty
Fall-related injuries and fatalities are serious problems in construction. Guardrails are an effective fall-prevention approach for protecting workers from falls. NIOSH has developed an innovative, multi-functional guardrail system. The design of the system and real-world usage will be discussed.
Thomas G. Bobick, Ph.D., P.E., CSP, National Institute for Occupational Safety and Health (NIOSH), Morgantown, WV; Brandon C. Takacs, CHMM, West Virginia University Safety & Health Extension, Morgantown, WV

704 Growing Your Own Construction Safety Professionals (I)
As construction surges in the U.S., recruiting, mentoring and sustaining a cadre of highly competent and effective construction safety professionals is a challenge. However, with knowledge of the available resources and various career paths into the field, managers will be able to improve the skills of their safety staff.
Richard S. Baldwin, CSP, PCL Construction Enterprises, Denver, CO; Chris L. Caggiott, CSP, PCL Raleigh Civil Group, Raleigh, NC

705 Building Your Strengths to be an Environmental High Performing Company (I)
Sponsored by the Environmental Practice Specialty
The presentation will discuss strategies for small to medium companies to achieve Environmental High Performance credibility in order to market the business and to foster respect from internal stakeholders, the employees.
Mary L. Prisby, CHMM, 3M Company, Boscobel, WI; Heather L. Ingraham, CHMM, URS Corporation, Chicago, IL

706 The Science and Reasoning of Stretching & Strengthening in the Workplace (B)
This is an interactive presentation for all levels of attendees. Basic anatomy and body mechanics will be presented. Videos, pictures and live demonstrations will be engaging and offer the knowledge to create and implement your own Pre-Shift Conditioning program.
Tony Kaczkowski, MHCA-MLS, LAT/ATC, CEES, InSite Health, Peseaukee, WI

707 Improving Sprinkler System Reliability (I)
Sponsored by the Fire Protection Practice Specialty
Properly designed, installed and maintained automatic sprinkler systems already have a good record in controlling unwanted fires. Based upon a workshop sponsored by the Fire Protection Research Foundation and proposed changes to NFPA 25, learn some of the means and methods to improve sprinkler system reliability.
William E. Koffel, P.E., FSFPE, Koffel Associates, Inc, Columbia, MD

708 Early Intervention Methods Bridge the Gap Between Reactive and Proactive Systems (A)
A new tool has emerged giving increased control of injury prevention processes. The use of specially adapted Athletic Trainers in industry creates an agile process that identifies and addresses injury causation situations. The On-site Early Intervention Process they utilize fills the void between proactive and reactive elements improving their effectiveness.
Sheila Dennman, PT, ATI Worksite Solutions, Indianapolis, IN; Chet Brandon, CSP, CHMM, ATI Worksite Solutions, Indianapolis, IN

709 Global Issues in Professional Practice - 2 Part Session

709-a Safety in a Shrinking World (I)
Sponsored by the International Practice Specialty
What does globalization mean for the health and safety community and in particular those protecting the health and safety of a multinational workforce? How do you engage a temporary migrant in a company's health and safety ethos? And how do you persuade senior management to take these issues seriously?
Richard T. Cooper, MSc, CMIOHS, MASSE, Level 3 Communications, LLC, Trowbridge, Wiltshire, United Kingdom

709-b Global Personal Liability (A)
Legislation around the world imposes personal liability on officers of companies in relation to OSHA offences and incidents. That liability may be imposed on officers even if they are outside of the jurisdiction. This presentation will outline these liabilities.
Michael Tooma, Norton Rose Fullbright, Sydney, NSW, Australia; Edward B. Adams, Jr., Norton Rose Fullbright, Houston, TX

710 Fatality and Catastrophic Event Prevention (A)
This will be a case study where an advanced safety system was implemented in a refinery which had been averaging a fatality a year for 30 years. Those fatalities were abruptly stopped. We will explore what was done as well the management breakdown that likely contributed to the original problem.
Steve R. Williams, Accelerated Development Systems, Inc., Houston, TX

711 OSHA vs. USACE EM385 - Contractor Safety for Military and Government Projects (I)
"Uncle Sam WANTS YOU!"... Military and government construction projects are unique, challenging and rewarding. They do come with some health, safety and environmental requirements that may be new to some contractors. This presentation is designed to help participants become familiar with these items and be successful!
Mark L. Bernhard, CHST, SSHO, San Juan Construction, FPO, CA

712 Meet the Inspectors (I)
Sponsored by the ASSE Government Affairs Committee
In this session an interactive panel of OSHA Inspectors and a safety professional 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 a seasoned safety professional just like yourself.
TBD

713 Add PtD to your PJHA - A Practical Method to Reduce Re-Work and Risk (A)
Your PJHA process may be addressing risk to the person doing the task, but may be missing the risk that is left behind! Learn how to incorporate PtD concepts into your PJHA process in order to reduce risk for people who 'inherit’ the work area when the job is finished.
Janet A. Hendry, CSP, CET, CPEA, Owens Corning, Granville, OH

714 There's Gold in Workers' Compensation Data (A)
Safety professionals must use all data sources available to them to understand the trends within employee injuries and minimize frequency and severity. One source that is often overlooked is the information available from the claim administrator. This session will explore what data is available and how to maximize its use.
Stephen M. Bennett, CSP, ARM, Aon, Chicago, IL; Deborah E. Weigand, Aon, Southfield, MI

715 How Best-in-Class Companies are Improving Safety Throughout the Supply Chain (E)
Supply chain safety is gaining attention as preventable accidents and mistreated laborers can negatively impact profitability. In this session, you’ll learn the importance of managing safety throughout the supply chain and see examples of companies assessing and implementing machinery safety programs throughout the supply chain as a competitive advantage.
Steve W. Ludwig, Rockwell Automation, Mayfield Heights, OH

716 Accelerating Cultural Buy-In from Your Temporary Workforce (A)
Sponsored by ClickSafety and the Construction Practice Specialty
The use of temporary personnel is common throughout many industries and a well-known fact is that they are more “at risk” for suffering serious injuries. We will discuss key elements of a successful indoctrination program and identify best known methods for accelerating their understanding, compliance and buy-in to your safety culture.
Steve Bowers, CSP, CET, Global Safety Management Consultants, San Ramon, CA

717 Improving Safety Management Systems to Improve Safety Performance (I)
Creating a culture of safety requires a systems approach. This session will outline the requirements of a safety management system and will assist in building robustness in the organizational work system. Topics discussed will include the safety management system’s structure, fundamental components and associated case studies.
Gary S. Gaddis, Bristol Myers Squibb, New Brunswick, NJ
**WEDNESDAY SESSION DESCRIPTIONS**

718  A Practical Approach to Effective EHS Leading Indicators: Lessons from the Best (E)
Many organizations seek the “Holy Grail” of EHS Leading Indicators— an impractical approach at best. This presentation uses data from world-class organizations to identify a practical approach for leading indicator use. We present the concepts behind this approach, as well as specific metrics and case studies for organizational use.
Gary Rosenblum, CIH, Campbell Institute - National Safety Council, Itasca, IL; John A. Dony, Campbell Institute - National Safety Council, Itasca, IL

719  What Are We Now? (A)
Sponsored by the Standards Development Committee
This presentation will provide an update on the ISO 45001 OHSAS management standard that is being developed to address the management of safety and health programs on an international basis. C. Gary Lopez, CSP, AJ Gallagher, Weston, FL

720  New Standards, Methods and Technologies for Self Retracting Devices (I)
This presentation is designed to assist safety professionals in safely identifying the best solutions to their fall arrest problems.
Dan Hen, Reliance Fall Protection, Deer Park, TX; William R. Parsons, PE, High Engineering, St. John’s, Newfoundland, Canada; Greg E. Small, PE, High Engineering, Calgary, Alberta, Canada

721  Process Safety Management Enforcement Trends and Best Practices (I)
Process safety continues to garner a lot of attention and enforcement from OSHA and the EPA in all covered processes. This presentation will recap enforcement trends and useful best practices utilized by experienced process safety practitioners. Management of change, work permits, training, car seat practices and forms will be shared.
Jonathan A. Zimmerman, MS, CSP, CHMM, Sugar Creek Packing Company, Cincinnati, OH; Bryan T. Haywood, MS, Safeteng.net, Milford, OH

722  A Modified Model of Experiential Training for Safety Professionals and Engineers (A)
Sponsored by the Training & Communications Practice Specialty
The practical application of knowledge is experiential training. It is widely used in mining and among military trainers, but not often in industry or construction. A research-based model is proposed to improve outcome fidelity but also provide leader development opportunities for trainees. Mining and military examples are provided.
Gary L. Winn, Ph.D., CHST, West Virginia University; Morgantown, WV; Jim Dean, MSEM, West Virginia University; Morgantown, WV; Thomas Rozman, MBA, Virginia Department of Labor and Industry, Richmond, VA

723  Step Up Your Game! Using Gamification Techniques to Enhance Training Delivery (I)
Sponsored by the Public Sector Practice Specialty
Attendees will learn how gamification and social media techniques can enhance training in the mixed generation classroom.
Abby M. Ferri, CSP, The Ferri Group LLC, San Clemente, CA

724  Improving Traffic Safety and Efficiency for Large Sites (I)
Traffic safety issues often come to the forefront after an incident or near miss. However, safety professionals can be more proactive by conducting road safety audits (RSA). This presentation will highlight the RSA concept and how it can lead to safer, more efficient traffic circulation for large sites.
Thomas E. Kramer, PE, CSP, LJB Inc., Miamisburg, OH; Scott A. Knebel, PE, LJB Inc., Miamisburg, OH

725  Key Issue Roundtable: What Services Should I Offer? Finding Your Practice Niche as an OSH Consultant
Sponsored by the Consultants Practice Specialty
SH&E consultants are always looking for ways to identify the practice area in which they can excel, regardless of how long they have been in business. This Roundtable will help consultants identify winning strategies based upon their individual areas of expertise, skills and desired financial benefits.

726  Combat Drug Use with Innovative Detection Technologies (I)
Drug use is a moving target. Cutting-edge technologies are now being used to combat the shift in drug use today. From prescription to synthetic drugs to the resurgence of older drugs, this session will address these trends and how to go about facing these issues.
Richard Clay, Psychemedics Corporation, Acton, MA

**11:00 AM-12:00 PM PERIOD IX**

730  Business Lessons: What CEOs and the C-Suite Want from Safety (E)
Sponsored by the Business of Safety Committee
Come hear what CEOs and the C-Suite want from safety. Hear answers to common questions asked by CEOs and the C-Suite. Questions like: How does safety contribute to the company’s financial health? What needs to be done, why? Walk away armed with strategies to succeed with senior management.
Mark D. Hansen, PE, CSP, CPE, FTIS International, Fort Worth, TX

731  Achieving Sustainable Safety Excellence: A Complex Systems Approach (A)
Sponsored by the Management Practice Specialty
My story of achieving safety excellence in a large chemical plant will include the real-life experiences, fears and joys I went through as the plant manager along with new learnings about complex systems, how they work and how the knowledge can be used to achieve excellent sustainable safety results.
Richard N. Knowles, Ph.D., Richard N. Knowles and Associates, Inc., Saint Petersburg, FL

732  Construction Safety Forum (I)
Sponsored by ClickSafety and the Construction Practice Specialty
This session will address the major concerns and issues in construction safety and health. The discussion with the expert panel will give attendees ample opportunity for questions and answers.
Eric C. Voight, CSP, JA Montgomery Risk Control, Sweediesboro, NJ; TBD

733  Is Your Emergency Response Plan a Living System or Just Gathering Dust? (I)
"Luck is not a strategy!" An unread, unpracticed emergency response plan on the shelf does not save lives. This session highlights the importance of preparation and practice, explores sources of influence to motivate and enable effective response to emergencies, and describes tools that enable that response to save lives.
Thomas T. Holloway, Ph.D., Federal Aviation Administration, Washington, DC; Odelia Braun, M.D., J.D., Emergency University, Redwood City, CA; Frank J. Poliafico, RN, Emergency University, Redwood City, CA

734  Hazardous Material Inventory Management in Preparation for Warehouse Disaster (I)
In 2009 CHS Inc. had a pesticide warehouse fire in Montana. While the response to the fire went well, the regulatory actions that followed were significant. This case study will cover the response, the impact of the regulatory actions and the unique business / compliance control put in place since.
Peter J. Mutschler, CSP, CHMM, CHS Inc., Inver Grove Heights, MN

735  Fitness for Duty Testing and Safety Professionals (A)
Sponsored by AllOne Health
Fitness-for-duty testing is a valuable component of a comprehensive safety program and creates fertile ground for safety professionals to conduct critical analyses and reduction of risk factors associated with each job. The speaker addresses how to develop legally compliant fitness for duty testing in compliance with the most current laws.
Richard W. Bunch, Ph.D., P.T., C.B.E.S., ISR Institute / Tulane University, New Orleans, LA

736  Three Things You Need to Know to Stay Compliant with Changes to NFPA 70E in 2015 (I)
Sponsored by the Chubb Group of Insurance Companies
The changes to NFPA 70E can be confusing and hard to keep up with. This presentation will discuss the significant changes for 2015 and ways you can ensure your organization is compliant with the major industry standards.
Kevin Best, Cintas Corp., Mason, OH

737  Wellness, an Essential Component of EHS Improvement and Incident Prevention (I)
Sponsored by the Healthcare Practice Specialty
Wellness is not addressed in most culture change or behavioral approaches. Health issues, fatigue, stress, diet and physical fitness can cause illness, injuries and incidents. Effective interventions are needed. It’s part of a “Holistic, Integrated, Improvement Approach” and its impact on EHS performance and productivity will be covered.
Michael D. Topf, MA, Topf Initiatives, Wayne, PA

738  Creating a Comprehensive & Sustainable Safety Culture with Behavioral Technology (B)
The last century has brought amazing breakthroughs in how organizations manage safety. However, people are still getting hurt. Often, these injuries could have been avoided had someone done something differently. Organizations can significantly reduce their incidents by implementing systems designed to increase the consistency of safe practices— Behavior Based Safety.
Angelica C. Grindle, Ph.D., Quality Safety Edge, Coconut Creek, FL
740 Communicating with a Multinational Workforce on SH&E Issues - An International P&B (I)
Sponsored by the International Practice Specialty
This session incorporates a panel presentation on communication with a multinational workforce on SH&E issues with a focus on the international perspective and related best practices from Europe, Asia-Pacific, and Gulf Co-operation Council (GCC) countries. Each speaker will present proven case studies and best practices from their regions.
Ashok Garlapati, CSP, QEP, CMIOH, Kuwait Oil Company, Ahmad, Kuwait; Ali Dawood Al-Khalidy, Kuwait Oil Company, Ahmad, Kuwait; Richard T. Cooper, MSc, CMIOH, MASSE, Level 3 Communications, LLC, Trowbridge, Wiltshire, United Kingdom; Nirupam Mukerjee, Praxair, Inc., Pudong, Shanghai, China

741 Designing a FR Clothing Program for Oil and Gas (I)
This session will utilize PowerPoint, video and photographs to demonstrate how FR Clothing is designed to work as it relates to the hazard of Flash Fire with a focus on why meeting or exceeding the NFPA 2112 Standard should be considered when specifying FR Clothing for your employees.
Derek Sang, Bulwark Protective Apparel, Nashville, TN

742 ASSE Government Affairs Committee Update (B, I, A, E)
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 to share your views on ASSE’s government affairs efforts.
James R. Thornton, CSP, CHI, Huntington Ingalls Industries Newport News Shipbuilding, Newport News, VA; David Heidorn, American Society of Safety Engineers (ASSE), Des Plaines, IL

743 Measuring Your Risk Assessment Tool (I)
Sponsored by the Risk Management/Insurance Practice Specialty
Participants in this session will be exposed to an overview of risk management strategies for each level of the chain of command as applies to the Construction industry. Field Level Risk Assessments will be used to showcase how measurement techniques can accelerate the risk management/mitigation at your worksite.
Kenneth E. Newby, CSP, CRSP, ARM, SafeTech Consulting Group Ltd., Edmonton, Alberta, Canada

744 The ‘Internet of Things’ (IoT) – Opportunities and Risks (B)
This session will provide the safety professional with an understanding of the evolution and future of the ‘Internet of Things’, as well as explore some of the inherent risks to data security, privacy and life safety.
David L.M. Loomis, CSP, ARM, CPCU, Chubb Group of Insurance Companies, Washington, DC; Brian K. Wohnsiedler, CSP, ARM, CPCU, Chubb Group of Insurance Companies, Dallas, TX

745 Occupational Dog Bite Prevention - Training Employees to Protect Themselves (A)
Many occupations require visits to houses and properties protected by dogs. This can be scary to employees who do not know how to protect themselves. Bull Ray shows what advantage the attacking dog has over the employee. You will learn the dog’s weaknesses and the employee’s strengths.
Mitz Robinson, ODDB Bull Ray Enterprises, Lowell, FL; Cynthia Ballenger, ODDB Bull Ray Enterprises, Lowell, FL

746 The Four Disciplines of OSH Execution to Achieve Safety Excellence (B)
Sponsored by the Risk Management/Insurance Practice Specialty
You may think safety and discipline appear to be a dichotomy. Discipline is used to indicate an unwavering approach to achieving a best in class OSH performance. This session will look at four steps used by organizations to accomplish outstanding results in injury prevention and enhance the cost of risk.
Francis P. Sehn, CSP, ARM, Willis of PA, Venetia, PA

747 Managing Complex Change: The Challenge of Implementing Safety Improvements (I)
The speaker brings experience from his 40 plus year career in managing business and achieving significant culture change. He will introduce you to 5 critical components required to facilitate change, how to avoid pitfalls organizations often find themselves in, and guide you toward achieving safety excellence.
Gary A. Higbee, CSP, MBA, Higbee & Associates, Johnston, IA

748 Lockout Tagout Best Practices, Real-Life Consequences (I)
Sponsored by Grainger
In this session, you will hear Kina Repp’s powerful personal story of surviving a tragic workplace injury from hazardous energy exposure, as well as a review of best practices for implementing a best in class lockout tagout program within your facility.
Matthew T. Dudgeon, Master Lock Company, LLC, Oak Creek, WI; Kina Repp, Safety Done Right, Lone, WA

749 Process for Identifying Confined Spaces (B)
Understand the definition of a confined space to isolate and identify. After the space has been identified, evaluated and determined if it is a permit or a non-permit required confined space, then document and mark. Discussion about alightric effects that lead to improperly assessed confined space entry.
Warren K. Brown, CSP, ARM, CSHM, Veterans of Safety, Fairborn, OH

750 Another Hour of Blah, Blah, Blah?
Engaging Your Safety Committee (I)
Sponsored by the Risk Management/Insurance Practice Specialty
This session shows how our safety committee was looking for the door and couldn’t wait for the meeting to end. Learn how we turned this team into a “world-class” committee that is now engaged and empowered to take charge of safety.
David P. O’Boyle, CSP, OHST, CEAS, CINTAS Corporation, Charleston, TN

751 Rural Road Safety: How to Reduce Accidents for Rural Road Users (I)
Sponsored by the Transportation Practice Specialty
Rural Road Safety isn’t just for farmers. Heavy use of rural roads by oil companies in rural fracking areas to industrial facilities locating away from urban areas put a heavy burden on this roadway system. Learn how to reduce your chances of having and accident.
Brian S. Hammer, CDS, Nationwide Agribusiness Insurance, Durant, IA

752 Fundamentals of SH&E: Risk Management (B)
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.
Diana M. Stegall, CSP, CFPS, ALCM, ARM, CPCU, United Heartland, Rockford, MN

753 Key Issue Roundtable: The Power of Feedback - The Good the Bad and the Ugly
Sponsored by the Women in Safety Engineering (WISE) Common Interest Group
Feedback is a powerful tool. Positive or negative, how does gender play a role in how you give or receive feedback? In this session we develop and share strategies to make the most of feedback opportunities for both men and women.

754 Key Issue Roundtable: The Benefits of Membership in Common Interest Groups and Practice Specialties
Sponsored by the Blacks in Safety Engineering (BISE) and Women in Safety Engineering (WISE) Common Interest Groups and the Management Practice Specialty
Have you considered joining a Common Interest Group (CIG) or Practice Speciality, but haven’t and would like to understand the benefits of such a membership. This forum will help you understand the benefits of membership and what involvement can bring to you professionally and personally.

755 Research and Design of Fall Protection Systems in Residential Construction (B)
This presentation discusses current methods for fall protection compliance in residential construction. Advantages and disadvantages of particular fall protection systems will be reviewed. The role of the structure in supporting fall protection and loads imposed by workers will be discussed.
Daniel Hindman, Virginia Tech, Blacksburg, VA
Here Succ Kno the end, there is no reliable root cause. The ASSE Body of Knowledge (BOK) can help both beginners and seasoned safety professionals tap into the collective knowledge of their fellow ASSE members and find answers. This presentation will discuss and demonstrate how to use the ASSE Body of Knowledge as a tool to be a successful safety professional.

Steve Schubert, CSP, CHMM, STS-C, URS, Albany, OR

762 Proximity Sensing Technology for Construction Sites (I)
Hazardous proximity situations on construction sites exist when ground workers and heavy equipment operate in close proximity. The reliability of proximity sensing systems is presented when deployed in an outdoor environment. Safety leading indicator data such as frequency and duration of ground worker proximity breaches are recorded.

Eric D. Marks, Ph.D., PE, University of Alabama, Tuscaloosa, AL

763 Overreaching on Ladders: Motivated to Succeed or Fail? (B)
Sponsored by the Chubb Group of Insurance Companies
This presentation will explore the effect of motivation (task completion) on lateral reach distances performed on stepladders. Results of an experimental research study will be shared to illustrate that users will reach farther when motivated to do so by a concrete task, thus safety must be prioritized over task completion.

Angela DiDomenico, Ph.D., CPE, ARCCA, Penns Park, PA

764 Lone Worker Protection: The Need is Here. Are You Filling It? (B)
There are 2 million cases of workplace violence (WPV) reported annually (many go unreported) with those working alone often being targeted. WPV costs U.S. businesses $4.2 billion/year. If your employees were in need of help, how quickly would you know? Are you doing all you can to meet your duty of care? Craig Swallow, Connexion2, A Kings III Company (SoloProtect), Coppell, TX

765 Wellness: Beg and Brie or Use Design (A)
Sponsored by the Ergonomics Practice Specialty
Wellness programs typically rely on financial incentives to gain employee participation. Despite incentives participation rates remain far from 100%. A more effective strategy is to design wellness into work and the work environment by using the same principles, strategies and tactics that are used to error and injury proof work tasks.

Jill L. Kelby, PT, CEA, Kelby Ergo Design, LLC, Eden Prairie, MN

766 Human Error: There Is No Root Cause (A)
Sponsored by the Chubb Group of Insurance Companies
Accidents do not occur in a linear construct, like the domino effect. Causation is multi-dimensional and is far more difficult to pinpoint and predict than previously thought. This interesting and thought provoking session will explore Sidney Dekker’s reasoning why, in the end, there is no reliable root cause.

Richard A. Pollock, CSP, CLMI Safety Training, Plymouth, MN

767 Worker Fatigue - An "Eye-Opening" Safety and Health Epidemic (B)
Wellness initiatives like healthy diet and exercise continue to grow while people are continually sleeping less. Sleep research has identified a link between employee health, risk-taking behavior and accidents/injuries. This session will provide you with the “tools” to promote and encourage your employees to choose the path of healthy sleep.

Kurt M. VonRueden, ASP, CET, Meadowbrook Insurance Group, Rogers, MN

768 Silica - One Foundry’s Experience (I)
OSHA has a proposed Crystalline Silica standard in its final hours before promulgating final rule. One aluminum foundry has been evaluating silica exposures for some time and this presentation presents their findings and actions to try and meet the proposed PEL’s.

Jeffrey L. Jenkins, CSP, CIH, ENERCON, Tulsa, OK

769 Fires & Explosions in the Fracking World - Where, Why & How to Minimize Risks (I)
The world of fracking brings new fire and explosion risks that never existed in the conventional drilling world. New risks related to flammable gases, flowback processes, flare systems and hydraulics are making for accidents that are costing lives. This presentation discusses incident statistics and provides information on risk reduction tools.

John R. Puskar, PE, Prescient Technical Services LLC, Cleveland, OH

770 Permanent and Temporary Workers’ Exposure to PSM, Machine Guarding and Health Hazards within the Food Production Industry (I)
Focus on worker exposures to hazards and the dual S/H responsibilities for host employers and staffing agencies. Identifying machine guard, process safety management, noise and lack of PPE hazards within the food production/refrigeration industry on an ongoing basis and easing compliance with regard to the federal OSHA regulations.

Robin Bennett, , Atlanta-East Area OSHA Office, Tucker, GA; Maria E. Martinez, Atlanta-East Area OSHA Office, Tucker, GA

771 Scanning for Safety: Recognizing Hazards and Conducting Effective Inspections (I)
Utilizing a series of photos taken from actual job sites, attendees will learn how to perform effective safety inspections. This includes preparing for inspections by understanding most common hazards for various workplaces, the importance of good checklists, determining proper tools for inspections, and identifying areas of concern for their workplace.

Allen Ken Brooks, Jr., CSP, CFPS, Insurance Planning, Inc., Hays, KS

772 Risk Prevention Through Design & Management in Construction - UK/EU Experience (A)
Sponsored by the Risk Management/Insurance Practice Specialty
The presentation will examine UK/EU experience of risk prevention through design and management in the Construction Industry, and review specific legislative and best practice within the Construction (Design & Management) Regulations, and the required core competencies of all players, including designers / architects, contractors, subcontractors and site management teams.

John A. Stevens, CMISOH, MASSE, MIRM, RiskRиск, Hatfield, Hertfordshire, United Kingdom; Lawrence Bamble, CFISH, FIRM, MASSE, Risk Solutions International, Poynntock, Stockport, United Kingdom

773 Establishing Effective Accountability Using Sports (A)
Sponsored by the Educational Practice Specialty
This presentation shows the implementation process and results of establishing effective accountability processes for key stakeholders’ safety performance by using sports. An approach is presented with two years of pre and post measurement data that shows how leading and lagging indicators were successfully integrated into an existing management system.

Jeffrey L. Weldon, CSP, Bechtel Global, Lake City, FL

774 Zero Injury State - Does it Matter? (I)
The panel will share their expertise on emerging trends regarding zero injury status, organizational characteristics supporting zero injury attainment, business implications of having “zero injuries” as a goal, and how safety professionals can use this information to advance their goals. Examples will be provided of effective execution and lessons learned.

Kevin M. Beatty, MS, TE Connectivity, Middletown, PA; Rene M. Hilgemen, CSP, ARM, Aon Risk Solutions, Minneapolis, MN; John A. Moller, CSP, Cardno Americas Region, Lafayette, LA; Elbert Sorrell, Ed.D., CSP, CPE, University of Wisconsin-Stout, Menomonie, WI

775 Strengthening the Impact of Safety Leadership (B)
Evidence shows the impact of safety leadership on safety behavior and incident rates can be considerable. However, the presence of hazards and risk undermines these positive effects. Deliberately creating a “safety partnership” by harnessing safety leadership and employee engagement in the safety improvement process enhances safety culture and safety performance.

Dominic Cooper, Ph.D., CFISH, RSP, B-Safe Management Solutions Inc. (BSMS), Franklin, IN

776 OSHA’s Enforcement and Significant Changes in 2015 NFPA 70E (I)
Sponsored by Cintas
This session will help facilities understand the latest NFPA 70E changes as well as OSHA’s enforcement of these standards. Attendees will gain the necessary knowledge of how to maintain compliance in the ever changing standards of electrical safety and training.

Earl D. Tellin, M.E., Electrical Safety Specialist, Blairstown, MO

777 Safety Eyewear and ANSI Standards - Seeing is Believing! (B)
Sponsored by Grainger
Often it is not understood what makes eyewear qualify as safety eyewear. Sometimes it’s not understood that there are standards governing safety eyewear. This course will help attendees “see” more clearly with increased knowledge in the following areas: reasons, features, technologies used, mandated safety standards, testing requirements and standards enforcement.

Kurt Daems, , Edge Eyewear, Layton, UT

778 Mobile Learning - The Future of EHS Workplace Learning Worldwide (A)
Sponsored by the Women in Safety Engineering (WISE)
Common Interest Group and the Training & Communications Practice Specialty
With increased sales of mobile devices, the adoption of mobile devices in the workplace and 60% of employees working outside of WiFi environments, mobiles are destined to become the predominant method of learning for a new-age, mobile workforce. EHS professionals can use technology to reach 100% of the workplace worldwide.

Part of our Expo Education Program, which delivers technical content from our Exhibitors.

**SAFETY 2015 ROUNDTABLES**

It’s your chance to SPEAK UP! Do you have a lesson learned to share with fellow professionals? Are you looking to meet others with mutual interests? This year’s Key Issue Roundtables will be hosted by the ASSE Practice Specialties in areas of their particular expertise.

**MONDAY, JUNE 8**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>10:30AM - 11:45AM</td>
<td>Key Issue Roundtable #1: Manufacturing Equipment Safety Best Practices</td>
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<td>Sponsored by the Manufacturing Practice Specialty</td>
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<td>10:30AM - 11:45AM</td>
<td>Key Issue Roundtable #2: Transportation Issues, Distracted Driving, Training, Monitoring and More</td>
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<td>Sponsored by the Transportation Practice Specialty</td>
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<td>1:00PM - 2:00PM</td>
<td>Key Issue Roundtable #3: Evaluating the Synergy of Engagement and Ergonomics</td>
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<td>Sponsored by the Ergonomics Practice Specialty</td>
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<td>1:00PM - 2:00PM</td>
<td>Key Issue Roundtable #4: Electrical Safety Standards Update</td>
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<td>Sponsored by Cintas and the Engineering Practice Specialty</td>
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<tr>
<td>2:00PM - 3:30PM</td>
<td>Safety Talks Student Roundtable Discussions</td>
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<td>Sponsored by Georgia-Pacific</td>
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<td>3:15PM - 4:15PM</td>
<td>Key Issue Roundtable #5: Food Production and Manufacturing as it relates to Agricultural Safety</td>
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<td>Sponsored by the Food &amp; Agribusiness Branch of the Manufacturing Practice Specialty</td>
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<td>3:15PM - 4:15PM</td>
<td>Key Issue Roundtable #6: Impact of Marijuana Legalization on Workplace Occupational Safety &amp; Health</td>
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<td>Sponsored by the Military Branch of the International Practice Specialty</td>
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<td>4:30PM - 5:30PM</td>
<td>Key Issue Roundtable #7: How Will the Oil &amp; Gas Industry Meet its Short and Long Term OSH Staffing Needs?</td>
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<td>Sponsored by the Oil &amp; Gas Practice Specialty</td>
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<td>4:30PM - 5:30PM</td>
<td>Key Issue Roundtable #8: Zero Waste Initiatives: Identifying Elements to Obtain Zero Waste</td>
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<td>Sponsored by the Environmental Practice Specialty</td>
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**TUESDAY, JUNE 9**

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<th>Time</th>
<th>Session</th>
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<tr>
<td>10:30AM - 11:45AM</td>
<td>Key Issue Roundtable #9: Short-Service Workers (Focus on Temporary and Seasonal Employees)</td>
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<td>Sponsored by the Human Resources Branch of the Management Practice Specialty</td>
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<td>10:30AM - 11:45AM</td>
<td>Key Issue Roundtable #10: Safety Implications of Chemical Disinfectants in Healthcare</td>
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<td>Sponsored by the Healthcare and Industrial Hygiene Practice Specialties</td>
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<td>3:00PM - 4:15PM</td>
<td>Key Issue Roundtable #11: Decreasing the Relevance of OSHA-Driven Metrics</td>
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<td>Sponsored by the Management Practice Specialty</td>
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<td>3:00PM - 4:15PM</td>
<td>Key Issue Roundtable #12: Successful Integration of Occupational and Non-Occupational Wellness Efforts: Successes Shared and Lessons Learned</td>
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<td>Sponsored by the Health &amp; Wellness Branch of the Healthcare Practice Specialty</td>
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<td>4:30PM - 5:30PM</td>
<td>Key Issue Roundtable #13: Emergency Management</td>
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<td>Sponsored by the Fire Protection, Public Sector and Utilities Practice Specialties</td>
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<td>4:30PM - 5:30PM</td>
<td>Key Issue Roundtable #14: Risk Management and Risk Assessment II - What are You Doing to Move the Profession Forward?</td>
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<td>Sponsored by the Risk Management/Insurance Practice Specialty</td>
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**WEDNESDAY, JUNE 10**

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<th>Time</th>
<th>Session</th>
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<tr>
<td>7:45AM - 9:00AM</td>
<td>Key Issue Roundtable #15: What Services Should I Offer? Finding Your Practice Niche as an OSH Consultant</td>
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<td>Sponsored by the Consultants Practice Specialty</td>
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<tr>
<td>11:00AM - 12:00PM</td>
<td>Key Issue Roundtable #16: The Power of Feedback - The Good the Bad and the Ugly</td>
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<td>Sponsored by the Women in Safety Engineering (WISE) Common Interest Group</td>
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<td>11:00AM - 12:00PM</td>
<td>Key Issue Roundtable #17: The Benefits of Membership in Common Interest Groups and Practice Specialties</td>
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<td>Sponsored by the Blacks in Safety Engineering (BISE) and Women in Safety Engineering (WISE) Common Interest Groups and the Management Practice Specialty</td>
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<tr>
<td>11:45PM - 12:45PM</td>
<td>Key Issue Roundtable #18: Supervisor Safety: Solutions to Stop Fatalities</td>
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<td>Sponsored by the Mining Practice Specialty</td>
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<td>1:45PM - 2:45PM</td>
<td>Key Issue Roundtable #19: Establishing Safety Standards of Performance for International Executives</td>
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<td>Sponsored by the International Practice Specialty</td>
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Networking Night Out

Texas Style

All attendees, exhibitors and guests are invited to a Texas Style Night out of food, fun and entertainment. Join your colleagues and friends and head to Eddie Deen’s Ranch in Downtown Dallas. Hosted by ASSE’s Southwest Chapter, this evening event offers you the perfect Texas party! Feast on the Texas sized BBQ dinner buffet of brisket, ribs and chicken with all the fixin's. Have your picture taken atop a live Texas Longhorn Steer. For those Cowboy or Cowgirl “Wanna Be’s”, test your courage on “Urban Cowboy’s” favorite toy, the Mechanical Bull! Learn how to rope a calf from the pros on the mechanical horse and calf that rodeo stars use to sharpen their skills. Play Darts or a few games of pool. Learn to Line dance while listening to the Live Band perform the sounds of Charlie Daniels to Lynyrd Skynard. C’mon out with your jeans, boots and cowboy hat! Don’t forget your camera and enjoy this truly Texas experience with colleagues and friends!

Admission includes shuttle service, BBQ buffet, two drink tickets, a Live Band with line dancers, pool tables, darts, mechanical calf ropin, a live steer (for great photo ops!), and the “(in)famous” Mechanical Bull! See you there!

Eddie Deen’s Ranch in Downtown Dallas
Tuesday, June 9, 2015
6:30PM-10:30PM
$75.00 Early Rate
$85.00 after 3/31/15
### Pre-Conference Seminars

<table>
<thead>
<tr>
<th>Number</th>
<th>Seminar Title</th>
<th>Thursday</th>
<th>Friday</th>
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<tbody>
<tr>
<td>111</td>
<td>Math Review for Certification Exams</td>
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<td>121</td>
<td>Reducing Losses from Occupational Health Risks and Environmental Exposures</td>
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<td>122</td>
<td>Managing Safety and Health</td>
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<td>231</td>
<td>ASP Examination Preparation Workshop</td>
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<td>CSP Examination Preparation Workshop</td>
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<td>CHMM Examination Prep Workshop</td>
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<td>Safety Management I</td>
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<td>235</td>
<td>Corporate Safety Management</td>
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<td>236</td>
<td>Risk Assessment Certificate Program</td>
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<td>308</td>
<td>Implementing a Safety and Health Management System</td>
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<td>309</td>
<td>Fall Protection in Construction</td>
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<td>Risk Management for the Safety Professional</td>
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<td>Training Supervisors to Become Safety Coaches</td>
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<td>312</td>
<td>Conducting a Gap Analysis</td>
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<td>Safety Training Ninjas Workshop</td>
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<td>314</td>
<td>Uncovering the Real Causes of Fatalities and Severe Loss</td>
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<td>315</td>
<td>Environmental Law and Regulations for Safety Professionals</td>
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<td>316</td>
<td>Establishing Your Place in the C-Suite</td>
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<td>317</td>
<td>Managing Conflict: Getting the Most from Yourself and Others</td>
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<td>318</td>
<td>Human Factors Analysis and Classification System (HFACS) for Tracking and Preventing Accidents</td>
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<td>319</td>
<td>The Politics of Safety</td>
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<td>Delivering a High-Performance Safety Management System</td>
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<td>322</td>
<td>Techniques for Hazard Recognition</td>
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<td>323</td>
<td>Leading Measures of Safety Performance: A Measurement and Metrics Workshop</td>
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<td>324</td>
<td>Planning, Developing, Managing 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 (2015)</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>406</td>
<td>International Standards and Legal Requirements for Safety Management</td>
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<td>407</td>
<td>Critical Issues in Construction Safety</td>
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<td>408</td>
<td>Workers’ Compensation for the Safety Professional</td>
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<td>409</td>
<td>Becoming an Effective Independent Consultant</td>
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<td>410</td>
<td>Re-Engineering Behavior Based Safety</td>
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<td>Human Error and Safety</td>
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<td>412</td>
<td>Realize Your Leadership Potential</td>
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<td>413</td>
<td>The Rise of ISO 45001, a New Global Occupational Health and Safety Management System Standard</td>
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<td>414</td>
<td>Legal Issues and Exposures for the Safety Professional</td>
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<td>415</td>
<td>Management Risk, Not Safety</td>
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<td>Conducting a Due Diligence Assessment for Safety</td>
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<td>417</td>
<td>Mastering Safety Communication: Communication Skills for a Safe, Productive and Profitable Workplace</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>Negotiation Skills for Safety Professionals</td>
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### Post-Conference Seminars

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<th>Number</th>
<th>Seminar Title</th>
<th>Wednesday</th>
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<tbody>
<tr>
<td>801</td>
<td>Half-Day Math Review (2:00PM-6:00PM)</td>
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<td>Leveraging Cross-Cultural Agility in Global Safety Management</td>
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<td>Emergency Preparedness, Planning and Response</td>
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<td>808</td>
<td>Leadership for Culture Change</td>
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<td>Coaching to Improve Safety and Health Performance</td>
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<td>Analytics for Safety: A New Approach to Performance Measurement</td>
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<td>Predicting Errors Using Human Performance Measurement Tools</td>
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<td>Systematic Slip, Trip and Fall Prevention: Strategies that Work!</td>
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<td>Auditing Safety and Health Management Systems</td>
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<td>Facilitating Decision-Making in Your Organization</td>
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<td>Using the Safety Principles of High-Reliability Organizations</td>
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<td>Altering Habits to Improve Safety and Total Organizational Performance</td>
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PRE AND POST CONFERENCE EVENTS

PRE & POST CONFERENCE SEMINARS

Pre-Conference Seminars: June 4-7
Post-Conference Seminars: June 10-13

• Choose from more than 70 topics
• Earn up to 5.3 CEUs
• Prepare for your ASP, CSP, CHST, OHST, CHMM, or CET examination
• Complete required seminars for the ASSE Certificate in Safety Management, the Executive Program in Safety Management, the Global Safety Management Certificate Program, the ASSE Risk Assessment Certificate Program or other seminars that will satisfy the elective requirement for these certificate programs
• Network with other OSH 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.

PRE-CONFERENCE SCHEDULE OF EVENTS

June 4-7 | 7:00AM - 7:45AM
Pre-Conference Registration Open

June 4-7 | 8:00AM - 4:30PM
Pre-Conference Seminars

POST-CONFERENCE SCHEDULE OF EVENTS

June 10-13 | 7:00AM - 7:45AM
Post-Conference Registration Open

June 10 | 2:00PM - 6:00PM
½ Day Math Review

June 11-13 | 8:00AM - 4:30PM
Post-Conference Seminars

PRICES

One Day Seminars – June 4, 6, 7, 11, or 12

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Two Day Seminars – June 4-5, 6-7, or 11-12

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Three Day Seminars – June 5-7, or 11-13

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Half Day Math Review 801 – June 10 (2:00PM - 6:00PM)

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Executive Program in Safety Management Seminars 121 – June 4-5, or 321 – June 6-7

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Executive Program in Safety Management Seminar 834 – June 11-13

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CERTIFICATION PREPARATION

THURSDAY, JUNE 4

111 Math Review for Certification Exams
1 Day / .7 CEU
This workshop is specifically designed for those preparing for certification examinations (ASP, CSP, CHST, OHST) and needing a hands-on review of essential math skills areas. TI-30X IIS calculator included.

Learn:
• Conversions
• Dimensional analysis
• Number manipulation
• Shapes and formulae
• Graphing
• Algebra
• Trigonometry
• Operation of a scientific calculator

WEDNESDAY, JUNE 10 (2:00–6:00PM)

801 1/2 Day Math Review
1/2 Day / .4 CEU
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.

THURSDAY & FRIDAY JUNE 11-12

823 CET (Certified Environmental Safety and Health Trainer) Exam Preparation Workshop
2 Days / .4 CEU
The Certified Environmental, Safety and Health Trainer (CET) is a certification held by those with experience and expertise in developing, designing, and delivering safety, health and environmental training. This workshop is designed for SH&E trainers to prepare for the CET certification.


Learn to:
• Demonstrate effective communication and interpersonal skills
• Assess training needs
• Design and develop training courses
• Design student performance evaluation instruments
• Develop administrative and management plans for individual courses
• Implement training
• Conduct program evaluations of training and apply results

FRIDAY, SATURDAY & SUNDAY, JUNE 5-7

233 CHMM Exam Preparation
3 Days / 2.1 CEUs
This workshop is designed to prepare you for the examination leading to the Certified Hazardous Materials Manager (CHMM). You will cover the exam blueprint, and the study and testing techniques that will assist you in taking the exam. You will receive lectures, sample problems, and participate in discussions on those subjects most relevant to the exam blueprint.

Learn to:
• Recognize, identify and characterize hazards of materials
• Assess risks related to hazardous materials
• Mitigate and / or eliminate hazards of materials
• Manage impact of hazardous materials on human health
• Ensure regulatory compliance
• Manage hazardous materials

231 ASP Exam Preparation
3 Days / 2.1 CEUs

THURSDAY, FRIDAY & SATURDAY JUNE 11-13

831 ASP Exam Preparation
3 Days / 2.1 CEUs
The Associate Safety Professional (ASP) is now an independent certification. It will remain as the first of two exams to obtain the CSP but will enable ASP credential holders to keep it as a certification. This workshop provides the information to prepare the participants for this examination. Participants will receive a workbook with over 200 questions, problems and examples for discussion, lecture and practice. Preparation will follow the topics in the new blueprint including:
• Mathematics 18%
• Safety management systems 23%
• Ergonomics 13%
• Fire prevention and protection 11%
• Occupational health 11%
• Environmental management 15%
• Training, education and communication 9%

823 CHST Exam Preparation
3 Days / 2.1 CEUs
You will receive information on CHST education and experience requirements for the certification and practice on 200 questions addressing the eight areas to be covered by the exam.

Learn:
• Safety program management and administration
• OSHA regulations and inspections
• Training and orientation
• Hazard communication and accident investigation
• Inspections, audits and recordkeeping requirements
• Job hazard analysis/pre-job planning

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 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.

THURSDAY, FRIDAY & SATURDAY JUNE 11-13

832 OHST Exam Preparation
3 Days / 2.1 CEUs
This workshop will provide you with the potential areas that will be covered on the OHST certification examination.

Learn:
• Fundamentals: calculator, mathematics, statistics, chemistry, physics
• Engineering technology and control concepts
• Basic and applied sciences
• Law, regulations and standards
• Data computation, recordkeeping, surveys, inspection techniques and investigation
• Education, training and instruction

FRIDAY, SATURDAY & SUNDAY, JUNE 5-7

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 OSH 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
• Workers’ Compensation
• Legal/regulatory and issues in OSH and security

THURSDAY, FRIDAY & SATURDAY JUNE 11-13

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

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<th>FRIDAY, SATURDAY &amp; SUNDAY, JUNE 5-7</th>
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<th>THURSDAY &amp; FRIDAY, JUNE 11-12</th>
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<td><strong>234 Safety Management I</strong></td>
<td><strong>235 Corporate Safety Management</strong></td>
<td><strong>821 Safety Management II</strong></td>
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<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</td>
<td>Corporate Safety Management provides a</td>
<td>Review case studies to learn</td>
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<td>other resources, take away a framework</td>
<td>forum to share challenges, craft</td>
<td>measurement techniques</td>
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<td>for an effective safety management</td>
<td>solutions, and implement the necessary</td>
<td>with recommendations for</td>
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<td>system. Safety Management I provides</td>
<td>skills to be successful in positioning</td>
<td>implementation. Take this</td>
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<td>a foundation of fundamental elements</td>
<td>safety in your organization.</td>
<td>seminar as a continuation of</td>
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<td>and techniques for managing an</td>
<td>Learn to:</td>
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<td>effective safety system.</td>
<td>• Design your safety management</td>
<td>strengthening an existing</td>
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<td>• Establish accountability</td>
<td>objectives</td>
<td>Bring a copy of your current</td>
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<td>for safety efforts</td>
<td>• Influence and obtain management</td>
<td>safety policy and rules.</td>
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<td>• Implement proven system elements</td>
<td>support for your safety</td>
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<td>and strategy</td>
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<td>• Satisfy the moral, financial</td>
<td>• Demonstrate business acumen and</td>
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<td>and legal responsibilities</td>
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<td>• Develop policy statements and</td>
<td>• Achieve work habits necessary</td>
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<td>performance standards to assist</td>
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<td>the management team fulfill its</td>
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<td>safety responsibilities</td>
<td>• Adjust safety efforts in</td>
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<td>• Control Workers’ Compensation</td>
<td>response to corporate mergers,</td>
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<td>costs</td>
<td>downsizing, rightsizing, and</td>
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<tr>
<td>• Create a budget for your safety</td>
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<td>efforts</td>
<td>• Benchmark your organization’s</td>
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<td>Joel N. Tietjens, CSP, CSHM,</td>
<td>safety and health system</td>
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<tr>
<td>President, T-JENS &amp; T-JENS, Inc.,</td>
<td>Samuel Gualardo, MA, CSP, President,</td>
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<td>Spring, TX</td>
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<td><strong>324 Managing the Business Aspects of Safety</strong></td>
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<td>2 Days / 1.4 CEUs</td>
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<td>seminar evaluates methods and enables you to continuously</td>
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<td>aspects of your safety effort and</td>
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<td>measure your safety management efforts.</td>
<td>effectively communicate the results.</td>
<td>effectively communicate the results.</td>
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<td>Learn to:</td>
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<td>• Evaluate safety management approaches, techniques</td>
<td>• Demonstrate business communications, ethics, legal</td>
<td>• Demonstrate business communications, ethics, legal</td>
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<td>and performance</td>
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<td>liability, and contract language</td>
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<td>• Human behavior</td>
<td>• Develop strategic plans and</td>
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<td>• Zero incidents</td>
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<td>• VPP as a model</td>
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<td>• Human resource management</td>
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<td>• Managing safety for profit</td>
<td>• Risk management</td>
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<td>• Return on investment</td>
<td>• Crisis management</td>
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<td>• Integrating safety management in the management process</td>
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<td>• Demonstrate system effectiveness by measuring and</td>
<td>• Develop corporate systems for</td>
<td>• Develop corporate systems for training,</td>
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<td>interpreting results</td>
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<td>education and resource information</td>
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<td>• Develop leading indicators, corporate-wide standards</td>
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<td>• Interface with other areas of your</td>
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<td>and international system standards</td>
<td>your organization that can</td>
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<td>• Implement safety design standards for new processes,</td>
<td>support your efforts</td>
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<td>equipment and systems</td>
<td>James “Skipper” Kendrick, CSP,</td>
<td>James “Skipper” Kendrick, CSP, President,</td>
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<tr>
<td><strong>121 Reducing Losses from Occupational</strong></td>
<td><strong>321 Delivering a High-Performance Safety</strong></td>
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<td>health system.</td>
<td>• Evaluate safety management approaches, techniques</td>
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<tr>
<td>Learn to:</td>
<td>and performance</td>
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<td>• Implement practical approaches for</td>
<td>• Human behavior</td>
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<td>reducing the incidence of</td>
<td>• Zero incidents</td>
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<tr>
<td>occupational illness</td>
<td>• Six Sigma</td>
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<tr>
<td>• Identify the most common</td>
<td>• International system standards</td>
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<td>environmental concerns and</td>
<td>• VPP as a model</td>
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<td>consider possible solutions</td>
<td>• Critical management activities</td>
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<td>• Recognize environmental issues and</td>
<td>• Managing safety for profit</td>
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<td>how they relate to the overall</td>
<td>• Return on investment</td>
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<tr>
<td>safety and health system</td>
<td>• Integrating safety management in the management process</td>
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<tr>
<td>• Risk Assessment Process</td>
<td>• Demonstrate system effectiveness by measuring and</td>
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<tr>
<td>• Process Safety Management</td>
<td>interpreting results</td>
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<tr>
<td>• Waste Management</td>
<td>• Develop leading indicators, corporate-wide standards</td>
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<tr>
<td>• Employ and manage ergonomics</td>
<td>• Implement safety design standards for new processes,</td>
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<tr>
<td>• Manage major losses</td>
<td>equipment and systems</td>
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<tr>
<td>James “Skipper” Kendrick, CSP,</td>
<td>James “Skipper” Kendrick, CSP, President, Kendrick Global</td>
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<td>President, Kendrick Global Enterprises LLC</td>
<td>Kendrick Enterprises LLC</td>
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</table>
**Required Seminars**

<table>
<thead>
<tr>
<th>Date</th>
<th>Certificate Program</th>
<th>Objectives</th>
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<tbody>
<tr>
<td><strong>THURSDAY &amp; FRIDAY, JUNE 4-5</strong></td>
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<tr>
<td>122</td>
<td>Managing Safety and Health</td>
<td>- Learn to:</td>
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<td></td>
<td></td>
<td>- Deliver best safety and health management approaches</td>
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<td>- Prevent and control losses</td>
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<td>- Manage occupational and environmental health risk</td>
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<td>- Measure performance of safety efforts</td>
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<td>- Maintain program quality</td>
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<tr>
<td>308</td>
<td>Implementing a Safety and Health Management System</td>
<td>- Learn to:</td>
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<td>- Analyze systems applicable to OSH system</td>
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<td>- Select the most appropriate system for an organization's needs</td>
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<td>- Implement a safety management system</td>
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<td><strong>SATURDAY, JUNE 6</strong></td>
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<tr>
<td>406</td>
<td>International Standards and Legal Requirements for Safety Management</td>
<td>- Learn to:</td>
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<td></td>
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<td>- Recognize roles of statues, regulations and industry standards</td>
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<td>- Identify and follow international legal requirements</td>
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<td>- Identify international laws for OSH management</td>
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<td>- Navigate legal requirements to mitigate risk</td>
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<td><strong>SUNDAY, JUNE 7</strong></td>
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**NEW! RISK ASSESSMENT CERTIFICATE PROGRAM**

<table>
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<th>Date</th>
<th>Certificate Program</th>
<th>Objectives</th>
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<tbody>
<tr>
<td>FRIDAY, SATURDAY &amp; SUNDAY, JUNE 5-7</td>
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<tr>
<td>236</td>
<td>Risk Assessment Certificate Program</td>
<td>- Learn to:</td>
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<td>- Select the appropriate resources to produce a list of hazards for the basis of the risk assessment.</td>
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<td>Seminar Description:</td>
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<td>The education content of this three-day classroom seminar is:</td>
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<td><strong>Hazard Identification</strong></td>
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<td>You will select the appropriate resources to produce a list</td>
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<td>of hazards for the basis of the risk assessment.</td>
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<td>Actions are:</td>
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<td>- Hazard Identification techniques</td>
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<td>- Accumulation and review of data</td>
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<td>- Selection of a risk assessment tool</td>
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<td>Risk Analysis:</td>
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<td>You will begin the process of evaluating risks and learn to</td>
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<td>use recognized methods of assessment such as checklists,</td>
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<td>hazard analysis, failure modes and effects analysis, etc.</td>
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<td>Actions are:</td>
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<td>- Basic steps of risk assessment</td>
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<td>- Methods and data sources</td>
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<td>- Qualitative vs semi-quantitative vs quantitative</td>
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<td>- Creating and using a matrix</td>
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<td>- Performing a baseline risk assessment</td>
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<td>Risk Evaluation and Treatment</td>
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<td>You will use the tools provided in this seminar to verify</td>
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<td>risk acceptability, synthesize mitigation options, create a</td>
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<td>baseline for future risk reduction comparisons and apply</td>
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<td>hierarchy of controls</td>
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**Sustainability, Boca Raton, FL**

**Zack Mansdorf, Ph.D., CSP, CIH, QEP, Consultant in Sustainability, Boca Raton, FL**

**Certification Program**

**Mandated Seminars**

**Weighted CEUs**

**Learning Objectives:**

- Attendees completing this certificate program will be able to:
  - Implement the steps of the risk assessment process
  - Conduct a risk assessment leading to the identification and prioritization of your organization's hazards and controls
  - Influence management to support risk reduction plans and efforts
  - Measure the effectiveness of the risk assessment process and outcomes to support your organization's objectives

**Seminar Description:**

The education content of this three-day classroom seminar is:

**Hazard Identification**

You will select the appropriate resources to produce a list of hazards for the basis of the risk assessment.

**Actions are:**

- Hazard Identification techniques
- Accumulation and review of data
- Selection of a risk assessment tool

**Risk Analysis**

You will begin the process of evaluating risks and learn to use recognized methods of assessment such as checklists, hazard analysis, failure modes and effects analysis, etc.

**Actions are:**

- Basic steps of risk assessment
- Methods and data sources
- Qualitative vs semi-quantitative vs quantitative
- Creating and using a matrix
- Performing a baseline risk assessment

**Risk Evaluation and Treatment**

You will use the tools provided in this seminar to verify risk acceptability, synthesize mitigation options, create a baseline for future risk reduction comparisons and apply hierarchy of controls.
### SATURDAY, JUNE 6
#### 309  Fall Protection in Construction

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

Kim Lee Lindgren, OSHA Training Institute, Boston, MA

#### 310  Risk Management for Safety Professionals

**1 Day / .7 CEU**

Risk management is a critical 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
- Understand 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

#### 311  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, CEO, ProAct Safety, The Woodlands, TX

#### 312  Conducting a Gap Analysis

**1 Day / .7 CEU**

An effective way to bring out the differences between your organization’s current capabilities and the expected level of performance is Gap Analysis. This process is an important investigation of your safety system to determine what areas need better alignment with your organization’s business goals. In this seminar, you will learn the process of conducting a Gap Analysis, how to analyze the results and apply this information to improve your safety efforts.

**Learn to:**
- Conduct a Gap Analysis of the safety operations in your organization
- Interpret the results of your Gap Analysis to identify the strengths and weaknesses that could be putting your organization at risk
- Develop a plan based on Gap Analysis findings that will align safety with organization business goals

Francis P. Sehn, CSP, ARM, Vice President - Senior Risk Control Consultant, Willis of Pennsylvania, Pittsburgh, PA

#### 313  Safety Training Ninjas Workshop

**1 Day / .7 CEU**

Transform from a safety compliance trainer to a great safety educator Ninja. Create and deliver the kind of training everyone wants to attend, but more importantly provides the education and training that helps support your organization’s business objectives. In this seminar, designed for safety trainers with all levels of experience, you will learn to deliver highly interactive instruction that recognizes adult learning principles.

**Learn to:**
- Using adult learning principles, deliver effective education and training to your organization’s workforce
- Leverage proven methods to measure and evaluate training effectiveness
- Align your education strategies to your company’s business goals

Regina McMichael, CSP, CET, President, The Learning Factory, Inc., Clemson, SC

#### 314  Uncovering the Real Causes of Fatalities and Severe Loss

**1 Day / .7 CEU**

There is a unique body of knowledge to draw from for investigation and root cause analysis of catastrophic events. The characteristics of an incident that has produced a severe loss require different action than an inquiry into a loss of lesser magnitude. In this seminar, you will learn how to perform an assessment that will uncover the real causes of severe loss.

**Learn to:**
- Construct key questions to clarify accident investigation intentions in your organization and trigger accident investigation process improvements
- Overcome barriers to information gathering and assessments of severe loss cases
- Conduct a root cause analysis using criteria that is specifically intended for severe losses

Rob Hoyer, Vice President, Executive Consultant, BST, Ojai, CA
<table>
<thead>
<tr>
<th>Date</th>
<th>Title</th>
<th>Duration</th>
<th>Speakers/Institutions</th>
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<tbody>
<tr>
<td>SATURDAY, JUNE 6</td>
<td>315 Environmental Law and Regulations for Safety Professionals</td>
<td>1 Day / 0.7 CEU</td>
<td>James Boretti, CSP, President, Boretti, Inc., Visalia, CA</td>
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<tr>
<td>SATURDAY, JUNE 6</td>
<td>317 Managing Conflict: Getting the Most from Yourself and Others</td>
<td>1 Day / 0.7 CEU</td>
<td>Neil A. Feldscher, CIH, CSP, Esq., Chief, EHS Compliance, NYC Environmental Protection, Bureau of Engineering Design &amp; Construction, EHS Compliance Directorate, Corona, NY</td>
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<tr>
<td>SATURDAY, JUNE 6</td>
<td>318 Human Factors Analysis and Classification System (HFACS)</td>
<td>1 Day / 0.7 CEU</td>
<td>Mark Hansen, P.E., CSP, CPE, CPEA, Vice President HSE, FTS Systems, Embry-Riddle Aeronautical University, Daytona Beach, FL</td>
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<tr>
<td>SATURDAY, JUNE 6</td>
<td>319 The Politics of Safety</td>
<td>1 Day / 0.7 CEU</td>
<td>Earl Blair, Ed.D., CSP, Associate Professor &amp; Program Director, Safety Management, Department of Applied Health Science, Indiana University, Bloomington, IN</td>
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**SATURDAY & SUNDAY, JUNE 6-7**

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<tr>
<th>Title</th>
<th>Duration</th>
<th>Speakers/Institutions</th>
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<tbody>
<tr>
<td>322 Techniques for Hazard Recognition</td>
<td>2 Days / 1.4 CEU</td>
<td>Higgins LLC, Louisville, KY</td>
</tr>
<tr>
<td>323 Leading Measures of Safety Performance: A Measurement and Metrics Workshop</td>
<td>2 Days / 1.4 CEU</td>
<td>Barry S. Spurlock, Esq., CSP, CEO – Consultant, Spurlock &amp; Higgins LLC, Louisville, KY</td>
</tr>
</tbody>
</table>
324 Planning, Developing, Managing and Tracking the Organizational Performance of EHS Initiatives and Programs: A Mini Safety MBA

2 Days/ 1.4 CEU

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.

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 OSH Balanced Scorecard techniques to develop effective objectives and targets
- Using provided software, conduct financial analysis of OSH 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. Downo, CSP, CIH, OEP, CPEA, President, EHS Management Partners, Inc., Excelsior, MN
William L. Heim, CSP, CIH, Principal Consultant, Alliance Health and Safety, Shoreview, MN

325 Basic Electrical Safety/Arc Flash with Application of NFPA 70E (2015)

2 Days/ 1.4 CEU

This seminar will cover the updated 2015 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 2015 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 emphasizing the requirements of ANSI Z10
- 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. Zobek, CSP, CIH, Principal, Zobek Consulting, LLC, San Diego, CA

326 Incident Investigation and Root Cause Analysis

2 Days/ 1.4 CEU

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 OSHA1910.119 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

327 Industrial Hygiene for the Safety Professional

2 Days/ 1.4 CEU

The safety professional must be familiar with issues related to health and exposure stresses in the workplace. In this seminar, you will learn the fundamentals of industrial hygiene to better anticipate, recognize, and evaluate health stress related to worker exposures. It is intended for the professional with little or no experience in industrial hygiene. Please bring a hand-held calculator with a logarithmic function to this seminar.

Learn to:
- Define industrial hygiene and regulatory and consensus standards applicable to workplace environmental concerns
- Apply basic toxicological principles as adverse effects on the human body
- Evaluate airborne exposures to chemicals and particulates through air sampling techniques and control these exposures with ventilation and respiratory protection
- Practice basic evaluation and control methods for physical stresses in the workplace including thermal stressors, noise and radiation
- Recognize and control ergonomic hazards applicable to the work environment
- Discuss biological hazards for certain occupational settings including assessment and control of indoor air quality issues
- Demonstrate skills learned through hands-on laboratory sessions on noise, radiation, air sampling, ergonomic evaluation, and ventilation assessment

Tony Watson, MSPH, CIH, CSP, Workplace Hygiene, Inc., Greensboro, NC

328 Prevention through Design Workshop

2 Days/ 1.4 CEU

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 ANSI/ASSE Z590.3-2011 PtD Guideline
- Establish a Safe Project Delivery Plan that engages all key stakeholders in the PtD process.
- Establish environmental, health and safety performance objectives and metrics that drive safe project delivery
- Apply the Hierarchy of Control concepts to achieve acceptable risk level
- Design out causal factors related to life-ending and/or life-altering mishaps
- Develop a proven solutions library to make safe designs tangible
- Establish safe commissioning and start-up checklists for new equipment and processes
- Design out human error traps and enhance human performance

David L. Walline, CSP, President, Walline Consulting, Ltd., Port St. Lucie, Florida

407 Critical Issues in Construction Safety

1 Day / .7 CEU

Designed for the construction safety professional, learn the most common construction hazards, safety and health programs, hazard communication, personal protective equipment, fire prevention and protection, heavy equipment, traffic control, welding, electrical, scaffolding, training, fall protection, recordkeeping and more.

Learn to:
- Recognize the most common construction exposures and develop solutions for each issue
- Understand that it is impossible to be in compliance with the law
- Define critical
- Identify critical issues relative to OSHA standards and to preventing injury, illness, and death in construction
- Share the good, bad and ugly of personal experiences

Kimlee Lindgren, OSHA Training Institute, Boston, MA
408 Workers’ Compensation for the Safety Professional
1 Day / .7 CEU
Workers’ Compensation is a major source of cost to any business. Even in today’s competitive insurance environment, few safety professionals understand the direct relationship between worker injuries and Workers’ Compensation insurance costs. This seminar will fill in the gaps in the safety professional’s knowledge of the system. Participants will discover how the ultimate cost of Workers’ Compensation insurance is determined by the type of plan, the employer’s short and long-term loss experience, and the care with which the organization audits the computation of premium. It will address the impact of experience modification, retrospective rating plans, payroll classification and audit tips, identification of problem claims, return to work strategies, and other opportunities to produce measurable reductions in insurance cost.
Learn to:
- Discuss the coverage provided by Workers’ Compensation insurance
- Make the Workers’ Compensation rating system work for the organization
- Identify primary sources of the organization’s own loss experience and target safety efforts toward these loss sources
- Return injured employees to productive work quickly
- Aggressively manage claims to control medical and indemnity cost
- Allocate Workers’ Compensation costs to business units

Philip E. Goldsmith, CSP, ARM, Deputy Chief for Risk Management, National Gallery of Art, Washington, DC

409 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

410 Re-Engineering Behavior-Based Safety
1 Day / .7 CEU
If you implemented a Behavior-Based Safety process back when everyone else did, it may be time for some updates that could increase the results of your system. In the past two decades, more effective ways of implementing BBS have been discovered and innovative steps have been taken to bring these systems to new heights of engagement and performance. In this seminar, you will learn some alternatives to traditional BBS administration that can give your system the boost it needs for safety improvement. If you have not implemented BBS already, you will find out how to do so much more efficiently than was possible in the past.
Learn to:
- Decrease the use of internal resources without sacrificing effectiveness
- Develop better focus with your observation checklist
- Change your observation strategy to produce better results
- Make more intelligent analysis and use of observation data
- Communicate your process more effectively to produce employee engagement

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

411 Human Error and Safety
1 Day / .7 CEU
“If we are to understand failure…we must first understand how we react to failure. If we always see failure as a function of human error, we fall in the trap of always trying to fix the human error.” —Sidney Dekker, The Field Guide to Understanding Human Error
Error is always present, is normal and is the cause of many losses. Understanding human error is vital to moving any safety program to the next level, but error cannot be removed. In this workshop, you will gain insight into the body of knowledge on human error. This is the first step to start building process and systems that are error tolerant.
Learn to:
- Define error types
- Recognize not only error types, but successfully diagnose and treat the problem
- Build stronger processes and procedures for mission success
- Create error-tolerant systems

Bob Edwards, Human & Organizational Performance Advocate, General Electric, Trenton, GA

412 Realize Your Leadership Potential
1 Day / .7 CEU
Some people are born leaders, but if you are not, leadership can be learned. You can practice and perfect to achieve better leadership and even train others to lead. Join us for this highly-participative seminar to learn how to improve your leadership skills and ability to influence others.
Learn to:
- Define the power structures that exist in your organization and how they impact leadership growth
- Identify your own opportunities for leadership change and improvement
- Exhibit leadership behavior that will add to the success of your safety effort
- Use strategies that will influence your workforce to achieve safety goals

Regina McMichael, CSP, President, The Learning Factory, Inc., Clemson, SC

413 The Rise of ISO 45001, a New Global Occupational Health and Safety Management System Standard
1 Day / .7 CEU
The international community, including the United States, has voted to develop what many consider is the most significant health and safety standard in the past 50 years. ISO 45001 is likely to replace or at least integrate with current OHSMS standards such as OHSAS 18001 and ANSI ASSE Z10. It will serve as the framework by which all other requirements and voluntary standards will be covered and implemented. At the time of this seminar, a draft version of this standard will be available and registrants will receive a copy of this standard. The final standard is expected in 2016. In this seminar, you will learn about the impending requirements of 45001 and how it will affect your organization or practice.
Learn to:
- Develop implementation plans in preparation for the general elements of the ISO OHSMS standard into your organization’s safety system
- Integrate this standard with other management system standards such as ISO 9001 (Quality) and 14001 (Environmental)
- Leverage the value of a truly international, integrated management system on health and safety in your organization

414 Legal Issues and Exposures for the Safety Professional
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

415 Manage Risk, Not Safety
1 Day / .7 CEU
The perception of the OSH professional is evolving in new directions. As a result, there will be significant changes in what you will “bring to the table” of your organization. Perhaps the greatest change will be a steady shift from OSH that is compliance-based to a more risk based approach. Completing this transition in your organization will require an image makeover to gain the support you will need. In this seminar, you will learn the steps you will require an image makeover to gain the support you will need. In this seminar, you will learn the steps you need to take for this evolution and you will emerge talking “managementspeak.”

Learn to:
- Conduct risk assessments for planning purposes in your organization
- Develop annual business plans based on risk assessments findings
- Integrate risk concepts into metrics of both leading and lagging indicators
- Calculate dollar losses from potential risk scenarios into business planning

416 Conducting a Due Diligence Assessment for Safety
1 Day / .7 CEU
Due diligence as a comprehensive appraisal or investigation contributes significantly to your organization’s informed decision making based on having greater knowledge of the costs, benefits and risks. For OSH specifically, it can greatly influence the outcome of the programs you implement in your organization and affect the strategic investments it makes, such as mergers and acquisitions. In this seminar, you will learn about due diligence as it relates to executing OSH and how this type of investigation can heighten your knowledge on how your efforts are furthering your organization’s strategic plan.

Learn to:
- Define due diligence as it relates to OSH efforts and expectations
- Determine what OSH due diligence endeavors are most relevant for contributing to organizational and enterprise-wide objectives
- Develop information, data and policy documenting how resources and the organization are protected when executing OSH processes through enterprise risk management
- Present and report on OSH due diligence information for action and engagement of decision-makers
James Boretti, CSP, President, Boretti, Inc., Visalia, CA

417 Mastering Safety Communication: Communication Skills for a Safe, Productive and Profitable Workplace
1 Day / .7 CEU
Effective communication is key to success in any endeavor, especially safety. Safety professionals know the challenges and actions needed by management and employees to create a safe workplace. The challenge is communicating this information in a way that gets results. John Drebinger teaches the measure of successful communication is the result it creates and in this seminar, you will learn the communication skills and techniques that will increase your communication effectiveness.

Learn to:
- More effectively listen to your workforce
- Perform techniques for getting and keeping people’s attention
- Engage employees and get involvement in your safety efforts
- Determine your personal communication system and recognize the personal communication system of others so you can effectively reach them
John W Drebinger, Jr., Professional Speaker, John Drebinger Presentations, Galt, CA

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
Steve Roberts, Ph.D., Senior Partner, Safety Performance Solutions, Professor, Virginia Tech, Blacksburg, VA

419 Negotiation Skills for Safety Professionals
1 Day / .7 CEU
Using materials developed by the internationally respected Harvard Business School Program on Negotiation (and the authors of “Getting to Yes”), in this seminar, you will learn to separate people from the problem; turn differences into mutual gain; and find opportunities for compromise in a difficult situation. You will take away insight into the negotiation style that best fits with your leadership role.

Learn to:
- Achieve better negotiated outcomes to reach consensus and reduce conflict
- Influence senior management and your workforce with more skillful long-term decision making
- Enhance your leadership skills through application of the negotiation process
Chris Ross, CSP, CPLP, President, CEO, The Engagement Effect, Anchorage, AK
POST-CONFERENCE SEMINARS

WEDNESDAY, JUNE 11

806 Leveraging Cross-Cultural Agility in Global Safety Management
1 Day / .7 CEU

In an increasingly global and multicultural business environment, diversity and demographic changes are clearly reflected in the workplace, workforce and marketplace. This creates the potential for a variety of cross-cultural challenges and opportunities unique for global safety management. Join in this seminar to increase your individual and organizational awareness and ability to work across cultural, religious and generational differences in global safety management.

Learn to:
• Embrace unfamiliar culturally-based behavior to achieve better safety performance in the workplace
• Recognize global trends and topics to build a global mindset and cultural agility in safety management
• Lead, leverage and engage people from other cultures
• Build key inclusive leadership competencies across multiple dimensions of cultural difference

Laraine Kaminsky, President and CEO, Global LK, Ottawa, Ontario, Canada

THURSDAY, JUNE 11

809 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

THURSDAY, JUNE 11

810 Analytics for Safety: A New Approach to Performance Measurement
1 Day / .7 CEU

Data analysis has been used for years to drive improved performance for businesses; however the quality of data now being accumulated and the speed at which it is being reported is allowing for businesses to gain valuable insights to improve their company’s performance. This seminar will explore what data points can drive success from a safety perspective and how it can lead to continuous improvement in critical areas such as workplace accidents and injuries, absenteeism and productivity.

Learn to:
• Determine how leading indicators can be used to drive improved outcomes
• Analyze metrics to drive system and process change
• Apply safety analytics in your organization to improve safety performance
• Initiate culture change to ensure processes are being implemented

Todd Hohn, CSP, Vice President, Strategic Resources, Workplace Health and Safety, UL, LLC, Franklin, TN

THURSDAY, JUNE 11

811 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

THURSDAY, JUNE 11

812 Strategic Thinking for Excellence in Safety
1 Day / .7 CEU

Strategic thinking is one of the most important characteristics of a leader. Organizations and business leaders are emphasizing the importance of strategic thinking as one of the top five desired skills for corporate leaders. This workshop will guide you in achieving greater consciousness to your thinking which sets the stage for being a more proactive and successful leader in your organization.

Learn to:
• Increase strategic thinking skills
• Enhance organizational productivity and performance
• Excel in execution and follow to ensure the success of strategic initiatives
• Identify barriers to effective decision making
• Elevate decision making from tactical to strategic

Trish Ennis, CSP, ARM, Sr. Risk Control Consultant, Willis Group, Denver, CO

THURSDAY, JUNE 11

813 Life Safety Code Requirements
1 Day / .7 CEU

In this seminar, you will learn the requirements for life safety and how to apply them in your organization. This class will not only show you where to find the requirement but also how to apply it. This knowledge will increase the overall safety of your organization and allow you to make informed decisions based on the most current requirements of the Life Safety Code.

Learn to:
• Implement Life Safety Concepts
• Evaluate building egress capacity
• Comply with occupancy and fire alarm requirements
• Apply the established LSC limitations for building fire alarm systems
• Perform a life safety inspection

Jeffrey L. Robinson, PE, CSP, Robinson Risk Consulting, LLC, Professional Safety & Fire Engineering, Aiken, SC
Hazardous biological materials include biologically derived toxins or any item that may contain an infectious microbiological agent. While biohazards are common in many research lab settings, they may also be present in a variety of occupational settings including your workplace. This seminar will prepare you with biosafety concepts and resources available for addressing and managing biohazards you need to be aware of in your safety program.

Learn to:
- Identify biological materials and conditions that may be an exposure risk to workforce
- Determine appropriate first actions for managing a biohazard
- Access biohazard guidelines and technical resources
- Apply concepts learned from reviewing workplace biohazard situations

Stephanie Helgerman, CSP, Columbus, OH and Robin Trundy, MS, RBP, CBSP, Assistant Director & Biosafety Officer, Vanderbilt University, Old Hickory, TN

### THURSDAY, JUNE 11

#### 815 Systematic Slip, Trip and Fall Prevention: Strategies that Work!

1 Day / .7 CEU

Slips, trips, and falls have been and remain a major cause of workplace injuries in all industries for as long as loss data has been tracked. Unfortunately, even though new technologies are available, accident rates still remain high. However, you can take actions that will make a difference in your loss experience and in this seminar, you will learn these methods. You will learn that a relatively straightforward set of factors related to floor-related issues, footwear and walking style, can reduce the risks of slips, trips and falls and these measures can be employed in your workplace immediately. While this seminar is focused on same-level falls, many of the points covered will be useful for those seeking to prevent falls from heights.

Learn to:
- Develop a broad plan for slip, trip, and fall prevention
- Implement key risk reduction methods for falls on the same level
- Evaluate and select solutions for problem areas
- Determine which prevention methods work best together

David Natalizia, Principal, Nuent Consulting, Castle Rock, CO

#### 816 Managing Contractor Safety: Implementing an Effective Contractor Safety Program

1 Day / .7 CEU

The greatest challenge to a construction safety professional is managing a safety effort that is conducted through contractors. This is an environment where authority is an issue. In this seminar, you will learn the unique techniques and tools that have been effective in implementing a successful contractor safety program.

Learn to:
- Engage the management team and facilitate the leadership process through 14 safety principles and several safety models that drive behaviors and systems
- Implement techniques and tools that position the management team to lead safety rather than react
- Develop a systems approach to safety management that utilizes a partnership approach to safety
- Introduce a safety metrics program that leads project teams to higher levels of safety performance
- Evaluate and select contractors based on potential as well as actual safety performance
- Develop cost-effective contract language/safety specific captions that drive world-class project management behaviors
- Steward and report safety in a manner that builds on proactive activities as well as traditional measured results

Jack Toelner, P.E., CSP, MPH, Lead Safety Advisor - Training/ Special, Projects, ExxonMobil Development Company, Houston, TX

#### 817 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., VPPTOM or ISO 9000/14000) will be helpful.

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

#### 818 Implementing an ANSI Z10 Based Management System for the New View of Safety

1 Day / .7 CEU

The new view of safety recognizes that safety is not the absence of injuries and illnesses but rather is an emergent property of the system. This concept has powerful and far-reaching implications when implementing a management system and can help you produce results. Join us for this seminar to learn to implement a management system based on the ANSI Z10 standard mandatory requirements.

Learn to:
- Recognize employees as a source of safety resilience
- Implement processes to learn from failures and successes to improve operational and organizational performance
- Integrate the Z10 standard with other systems such as the ISO 14000, ISO 9001, OSHA VPP or OSHA PSM standard
- Apply tools and resources to identify system deficiencies
- Improve feedback and measurement processes based on improving system performance rather than focusing on injury rates that fail to reflect actual safety performance
- Align this standard with the organization’s efforts for sustainable growth and social responsibility
- Apply systems thinking which is required to maximize effectiveness when establishing and implementing an OHSMS

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

#### 819 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

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**Contact:**

CALL +1.847.699.2929
Maximizing safety performance excellence can only be accomplished when line managers accept and own the safety responsibility. This seminar will assist safety professionals and practitioners in their efforts to create an environment where their role and the role of the line management team can be enhanced to produce safety performance excellence.

Learn to:
- Train line managers on the techniques they must utilize to effectively execute their safety responsibility
- Implement a strategy to assist their organization in improving its safety culture
- Take steps toward achieving safety performance excellence based upon the critical elements necessary for reaching this goal
- Practice common and contemporary safety management approaches and work toward achieving senior management commitment to safety

Samuel Gualardo, MA, CSP, President, National Safety Consultants, Inc., Salix, PA

In this seminar, you will learn how to significantly reduce the risk of a process-related accident. You will take away best management practices for a PSM program based on current methodologies being utilized today for high risk chemical and process related companies.

Learn to:
- Implement the risk management process concepts of: risk identification, risk analysis, risk mitigation planning, risk mitigation implementation and risk tracking
- Comply with the requirements of the Process Hazard Analysis (PHAs)

Jeffrey L. Robinson, P.E., CSP, Robinson Risk Consulting, LLC, Professional Safety & Fire Engineering, Aiken, SC

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

Joyce Schroeder, M.S. Operations Manager/Consultant, Culture Change Consultants, Inc., Larchmont, NY

In the reality of today's business world, engaging and involving people in the decision-making process results in solutions that are sustainable over time. The artistry of assisting a group of people to reach a workable and sustainable agreement demands a very unique toolbox that is sometimes outside the daily efforts of the safety and health professional. In this session, you will learn and apply skills that will enable you to facilitate active group engagement and team decisions for your organization.

Learn to:
- Act as a decision-making facilitator for your organization
- Select the most appropriate strategy for decision-making
- Build a sustainable group agreement
- Practice facilitative listening skills to achieve the optimal group dynamic

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

High-reliability organizations such as nuclear power plants, aircraft carriers and firefighting crews warrant closer attention from safety professionals because they operate under trying conditions. However, they experience fewer than their fair share of problems. This success may be attributed to their method of noticing the unexpected and, while in progress, their ability to halt or contain the development of this event. In this seminar, you will learn the attributes of those organizations and discuss how their actions can be applied to any industry.

Learn to:
- Better recognize the signs of an impending untoward event
- Apply the principles used by high-reliability organizations to avoid or mitigate unexpected occurrences that could result in loss

T. Shane Bush, CPT, President, BushCo, Inc., Idaho Falls, ID
FRIDAY, JUNE 12

915 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, Nuent Consulting, Castle Rock, CO

FRIDAY, JUNE 12

916 Achieving a Higher Level of Program Maturity
1 Day / .7 CEU

Following a five-level continuum to evaluate safety program maturity, you can determine the next steps to take to measure and improve the performance of your safety system. In this seminar, you will learn to use this snapshot evaluation process to determine the effectiveness of your system and discover what needs to be updated. You will also learn about designing systems that include features such as compliance, management system, culture, and leading metrics for sustainability.

Learn to:
- Determine your current level in the five-level continuum of safety program maturity
- Implement new methodologies on how to produce leading indicators and metrics to assess the current status and your progress in advancing on the maturity continuum
- Achieve sustainability, the highest level on the continuum for your safety program elements

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

FRIDAY, JUNE 12

917 JHA Workshop
1 Day / .7 CEU

An effective JHA requires much more than observation to determine the risks of the job. In this workshop, you will learn the best practices for task analysis, documentation and benchmarking to appropriate standards. You will participate in practice episodes for conducting pre-task research, interviewing techniques, photo/video/e-documentation, technical analysis, and concluding whether or not the work is “safe” and evaluating potential solutions.

Learn to:
- Break down a task into its component steps
- Identify hazards and risks for each component of the job
- Determine precautions to address the job’s hazards and risks
- Successfully apply NIOSH’s Recommended Weight Limits
- Incorporate JHAs into safety management systems

Todd Hohn, CSP, Vice President, Strategic Resources, Workplace Health and Safety, UL, LLC, Franklin, TN

YOU WON’T WANT TO MISS...

The ASSE Practice Specialties and Common Interest Groups will be offering a series of advisory committee meetings, events, receptions, and activities. These events will offer multiple and significant opportunities for networking, obtaining technical OSH information, and to furthering your professional contacts in order to better help you in doing your job. Please refer to the practice specialty and common interest group websites for more information on these opportunities.

www.asse.org/practicespecialties

PRACTICE SPECIALTIES & 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 OSH professionals in your specific field, share your knowledge with your peers through technical publications and stay informed of the latest OSH research and developments.

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- Manufacturing
  - Food and Agribusiness Branch
- Mining
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- Training & Communications
- Transportation
- Utilities
TECHNICAL TOURS

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

DAL-TILE CLAY ROAD FACILITY
TT5115 Monday, June 8, 8:45am -11:15am
TT6115 Tuesday, June 9, 8:45am -11:15am
Price: $45 (advance payment required)

Participants on this tour will get an inside look at the manufacture of tile and the safety efforts integrated into the process. Participants will see a start to finish process including mixing and grinding clays, forming, drying, glazing and firing the tile and packaging it for distribution. The tour will include safety success stories in the journey of major culture change in an incipient stage.

Requirements: No cameras, video or other recording devices permitted. Shoes must be closed toe and heel. Pants must be long, no capri, shorts or skirts. PPE will be provided.

DFW INTERNATIONAL AIRPORT DEPARTMENT OF PUBLIC SAFETY- FIRE BURN
TT5215 Monday, June 8, 5:45pm - 9:00pm
Price: $46 (advance payment required) (includes dinner at facility)

Since 1995, the Dallas/Fort Worth International Airport’s Fire Training Research Center (FTRC) has provided groundbreaking Aircraft Rescue Firefighting and structural training services in an innovative learning environment.

Tour participants will experience both the classroom environment as well as a close up look at the specialized equipment used in aircraft emergency response and training. A live burn demonstration is planned.

Requirements: Long pants and closed toed shoes required. Cameras, video or other recording devices will be permitted.

TEXAS INSTRUMENTS- RFAB FACILITY
TT6315 Tuesday, June 9, 9:00am – 12:15pm
Price: $45 (advance payment required)

Participants will tour a 300 mm analog semiconductor manufacturing facility, including a window tour of the fabrication facility and a walking tour of the LEED Gold certified Admin Building, support floor, and chemical/gas delivery rooms, with a focus on LEED-certified construction and safety features of the facility.

Requirements: No cameras or video cameras permitted. Bags and purses are subject to inspection and may need to be left in (e.g., laptops). Closed-toe shoes required. Safety glasses and hard hats will be provided by facility.

RAYTHEON (PRECISION MANUFACTURING)
TT6415 Tuesday, June 9, 12:30 – 2:45pm
TT7215 Wednesday, June 10, 12:30 – 2:45pm
Price: $45 (advance payment required)

Participants in this tour will view the inner workings of this ultra-precision machine shop, with full turnkey operations in manufacturing. Raytheon Precision Manufacturing provides a complete range of metal fabrication services from manufacturing, fabrication and process engineering through machining, finishing, vacuum brazing and mechanical assembly. With a renowned technical staff that has an average on-time score of 99.7% for customer delivery, the shop excels in precision finishing and assemblies for Mechanical, Coordinate Measuring-Metal, Metal Fab-Chemical Finishing, Metal Fab-Painting, Metal Fab-Turning, Metal Fab-Welding, Metal Fab-Machining, and SteroLithography. This facility is an OSHA Voluntary Protection Program Star Site.

Requirements: No shorts or capri pants permitted. No open toed or open heeled shoes. Heel height must be less than 1.5 inches. No cameras, videos or recording devices permitted.

MARY KAY INC.
TT6515 Tuesday, June 9, 8:45am – 10:00am
TT7115 Wednesday, June 10, 8:45am – 10:00am
Price: $45 (advance payment required)

Participants on this tour will visit Mary Kay’s manufacturing and research and development facility which will be celebrating in 2015 its achievement of 20 years as an OSHA VPP Star Worksite. The facility runs 24 hours a day, 6 days a week with over 600 employees and achieved a one year recordable incident free in 2014 with employees who believe Safety Starts with Me!

Requirements: No drinking or eating food, candy or gum. No cameras, videos or recording devices permitted. Shoes must be closed toed; tops, sides, back and front. Heels must not be greater 1.5” high or less .5” diameter.

DFW TERMINAL RENEWAL AND IMPROVEMENT PROGRAM
TT6215 Tuesday, June 9, 8:30am – 12:00pm
TT6615 Tuesday, June 9, 12:30pm – 4:00pm
Price: $45 (advance payment required)

DFW Airport is in the middle of a major Terminal Renewal and Improvement program (TRIP) to be completed in 2020. Efforts focus on replacing infrastructure and making more efficient parking, check-in and locating luggage. Attendees will view Terminal A which is under construction while the rest of Terminal remains open to the public. The tour will showcase construction, the finished product and additional products to include the Dallas Area Rapid Transit (DART) Train Station and Terminal A parking garage.

Requirements: Hard soled shoes are required. No tennis shoes, high heels or open toed/heeled shoes permitted. Shoes must cover entire foot. Long pants required. No capris or shorts permitted. Shirts must have at least 2” sleeves. Safety vest, hardhat and safety glasses will be provided. Cameras and video recording devices will be permitted.

All technical tours require an advance payment per person. Register early as tours have limited capacity. Please visit www.safety2015.org for requirements, departure times, full descriptions and details of the tours. Use the codes that begin with TT to register for technical tours. Technical tours are for registered attendees of ASSE’s Safety 2015 only.
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Start your conference experience off right with our Kick-off Reception Sunday at 3:00PM. This is a great opportunity to network with new people and reconnect with old friends.

MOBILE APP
Safety 2015 showcases a comprehensive App that will list ASSE exhibiting companies. You can search for companies you want to visit or do business with. More than 500 industry-leading exhibitors will be available to search.

ASSE BOOKSTORE

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

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There is so much to choose from in the exposition hall. Visit our Virtual Expo now to research exhibitors, search by name, product category or country. You can even request meeting times to make your exposition experience more efficient. Visit www.safety2015.org to view the ASSE Virtual Expo.

SILENT AUCTION
Visit the ASSE Foundation 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 847.768.3447.

EXPO HOURS
Sunday, June 7
3:00PM - 5:30PM
Monday, June 8
9:00AM - 3:30PM
Tuesday, June 9
9:00AM - 3:00PM

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- Fire protection
- First aid
- Floor products
- Footwear
- Hazard communication solutions
- Hazardous materials control
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- Hearing protection
- Incentive programs
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- Safety management programs
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Fall Protection Systems

FallTech

Fastenal Company

Flexbar

Forestry Suppliers

Galson Laboratories*

Garlock Safety Systems

Gas Clip Technologies, Inc.

Gateway Safety, Inc.

Genuine First Aid

Gerson Corporation

GF Instrumentation, Inc.

GK Services

Glen Raven Technical Fabrics, Inc.

Global Glove & Safety Mfg. Inc.

Glove Guard LP

Grace Industries

Gravitec Systems

Grainger*

Gravitec Systems

Guardair Corporation

Guardian Equipment

Hagemeyer North America

Hammerhead Industries, Inc.

Hawaiian Moon

Haws Corporation

Health & Safety Institute

Heartland Footwear Inc

Helly Hansen, Inc.

HexArmor

Honeywell Analytics*

Honeywell Safety Products*

Hot Dot Body Temperature Alert Patch

Humanitech

Hy-Safe Technology

Hytest Safety Footwear

Idesco Safety

Industrial Safety & Hygiene News*

Impacto Protective Products Inc.

Implus Corporation

Industrial Hygiene News/Rimbach Publishing Inc.

Industrial Scientific

Industrial SunScreen

IndustrySafe - A Product of TRA, Inc.

Innoitics, LLC

Innovative Access Solutions

InsectAll

Institute of Industrial Engineers

Intelex Technologies

Interactive Safety Products, Inc.

International Communication by Design

Intrepid Industries Inc.

ION Science

Ironwear

ISN

ISSA, the Worldwide Cleaning Industry Association

Ives Training & Compliance Group

JJ Keller & Associates

JLG Industries

Job Site Safety Ltd.

Justin Original Workbooks

Justrite Manufacturing Co. LLC

Kappler Inc.

Kee Safety, Inc

KeepSafe, Inc.

KemKey LLC

Kestrel Management

Kimberly-Clark Professional

KMI

Konecranes

Koolin’ Klothz, Etc.

Korbana Protective Apparel by Alaska Textiles Inc.

Lakeland Industries

LAPCO Manufacturing

LeHigh Outfitters

Lewellyn Technology

Liberty Mutual Insurance

Lift’n Buddy, A Southworth Company

Lincoln Electric

Little Giant Ladders

LJB Inc.

Lobo Systems

Maccuro

Magid Glove & Safety

Majestic Glove

Man Lift Mfg. Co.

Mancomm, Inc.

Marcom Group, Ltd.

Martor USA

Master Brands

Master Lock Company LLC

MCR Safety

Medgate

MEGAComfort Inc.

Meltric Corporation

Miller Electric Mfg. Co.

ML Kishigo

Moldex-Metric, Inc.

Motion Industries

MPS Centurion

MR. CHAIN

MSA*

MSC Industrial Supply

MSDSonline

Nasco Industries, Inc

National Safety Apparel

National Safety Council

National Traffic Safety Institute

National Vision, Inc.

Nextteq LLC

NJ & Associates, Inc.

NorFab Corporation

NorthStar Medical Equipment

Occupational Health & Safety

OHD, Inc.

OLFA (a div. of World Kitchen, LLC)

Olsson Associates

One Beat CPR & AED

Orr Safety Corporation

Pacific Handy Cutter, Inc.

Peavey Performance Systems dba

Safety Jackpot

PenSafe

Phonak LLC

PICS Auditing, LLC*

Pigeon Mountain Industries, Inc. (PMI)

Portagas, Inc.

Portwest Ltd.

Power Pusher, Division of Nu-Star, Inc.

Predictive Solutions

Premier Rail Systems, Inc.

Princeton Tec

Prism Lighting Services, LLC

ProBuilt Professional Lighting

Protective Equipment Testing Laboratory

Protective Industrial Products

Pyramex Safety Products

QS Safety

Rack Armour

Radians Inc.

Rasco FR

RCI Safety

Red Wing Brands of America

Reliance Fall Protection

Remedy Interactive

Rigid Lifelines

Riverside Manufacturing Company

Roco Rescue

RU2 Systems, Inc.

Safe Solutions

Safehouse Signs, Inc.

SAFEmap International

SafeStart*

Safetec

Safety Management Systems, Inc.

Safety Source Productions

SafetyBanners.org

SafetyFirst Systems, LLC

Safety-Reports.com

SafetySkills

Safevision, LLC

SAF-T-Glove

Save A Back, Inc

SAWSTOP

Scaffold Training Institute

Scantron Corp.

Scott Safety

SDSpro

Select International

Sellstrom Manufacturing Company

Serola Biomechanics

Simple But Needed

SiteHawk

Skechers

Skedco

SKYLOTEC N.A., LP

SlipNOT Metal Safety Flooring

Slip-Test, Inc.

SoloProtect

SPAN Safety Workshops

SpanSet Inc.

Speakman Company

Specialized Safety Products

Spinfos

Spiramid

Sportex Safety

Springfield, LLC

Sqwinchertsz Corporation

SRmax Slip Resistant Shoes

Staples Facility Solutions

Steel Grip Inc.

Streamlight Inc.

StriveZero

Strong Man

Superior Glove Works Ltd.

Superior Mfg Group - Notrax Floor Matting

SVS Safety LLC

TAPOC (Traffic & Parking Control)

Tec Laboratories

TECGEN

Tech Safety Lines, Inc.

TenCate Protective Fabrics

Thermion

Timberland PRO

Tingley Rubber Corporation

Topps Safety Apparel, Inc.

Total Safety

TUF - TUG Products

Turning Technologies

U.S. Rigging Supply - Pelican Rope

UL Workplace Health and Safety*

Unistrut Construction

Vigil Antislip LLC

Visual Workplace

Wearwell

Web Devices

Wells Lamont Industrial

West Chester Protective Gear

Westex*

Wilddeck, Inc

Wilderness Athlete

Winter Walking

Wooster Products Inc

Work Wear Safety Shoes

WorkCare, Inc.

Working Concepts

Workrite Uniform Company

XTIRPA Innova

Yoke Industrial Corp.

Youngstown Glove Co

Zanfel Laboratories, Inc

Zep Safety

ZOLL Medical Corporation

Zanfel Laboratories, Inc

Zero Safety Products

Zapatos

Zanity

Specialized Safety Products

Spinfos

Spiramid

Sportex Safety

Springfield, LLC

Sqwinchertsz Corporation

SRmax Slip Resistant Shoes

Staples Facility Solutions

Steel Grip Inc.

Streamlight Inc.

StriveZero

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Wearwell

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Westex*

Wilddeck, Inc

Wilderness Athlete

Winter Walking

Wooster Products Inc

Work Wear Safety Shoes

WorkCare, Inc.

Working Concepts

Workrite Uniform Company

XTIRPA Innova

Yoke Industrial Corp.

Youngstown Glove Co

Zanfel Laboratories, Inc

ZOLL Medical Corporation

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Exhibitors as of December 5, 2014
REGISTRATION
Take advantage of the early bird discounts by registering on or before March 31, 2015. Registrations that are postmarked by June 1 will be confirmed. After June 1 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 1, 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 May 15 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 May 15 a $85 substitution fee will apply. Substitutions after June 1 will be handled on-site.

CANCELLATIONS
Full refunds (yes, that’s right!) will be granted to written requests received by May 15 via email to customerservice@asse.org or fax to +1.847.768.3434. Cancellations received in writing between May 16 and May 26 will be assessed the following cancellation fees: Conference (PDC) $295; Pre and Post Conference Seminars/Workshops $100 per course. Cancellations received after May 26 will forfeit refunds in their entirety. Refunds will not be issued for any missed sessions or events (Technical tours, Wednesday 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 registrant 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.

INTERNATIONAL REGISTRANTS
LETTER OF INVITATION
ASSE offers an official letter of invitation for Safety 2015 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 admittance 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.).
SAFETY 2015 REGISTRATION FORM

Please print or type. Register on-line at www.SAFETY2015.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 3/31/2015 and save!

STEP 1 CONTACT INFORMATION

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

Designations (Maximum 2) □ ARM □ ASP □ CHST □ CSP □ CIH □ CHMM □ OHST □ PE □ CET □ 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

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

<table>
<thead>
<tr>
<th>Designation</th>
<th>Early Rate Postmarked on or before 3/31/15</th>
<th>Regular Rate Postmarked 4/1/15-5/15/15</th>
<th>Late Rate 5/16/15 - On Site</th>
<th>Amount Due</th>
</tr>
</thead>
<tbody>
<tr>
<td>Member</td>
<td>$675</td>
<td>$785</td>
<td>$825</td>
<td>$</td>
</tr>
<tr>
<td>Non-Member</td>
<td>$815</td>
<td>$925</td>
<td>$965</td>
<td>$</td>
</tr>
<tr>
<td>Student Member</td>
<td>$25</td>
<td>$25</td>
<td>$50</td>
<td>$</td>
</tr>
<tr>
<td>Student Non-Member *</td>
<td>$125</td>
<td>$135</td>
<td>$145</td>
<td>$</td>
</tr>
<tr>
<td>Emeritus</td>
<td>$275</td>
<td>$305</td>
<td>$335</td>
<td>$</td>
</tr>
<tr>
<td>CSSE Member / AIHA Member / AHMP Member</td>
<td>$745</td>
<td>$855</td>
<td>$895</td>
<td>$</td>
</tr>
<tr>
<td>One Day Monday</td>
<td>$455</td>
<td>$515</td>
<td>$555</td>
<td>$</td>
</tr>
<tr>
<td>One Day Tuesday</td>
<td>$455</td>
<td>$515</td>
<td>$555</td>
<td>$</td>
</tr>
<tr>
<td>One Day Wednesday</td>
<td>$455</td>
<td>$515</td>
<td>$555</td>
<td>$</td>
</tr>
<tr>
<td>Government Rate **</td>
<td>$685</td>
<td>$805</td>
<td>$850</td>
<td>$</td>
</tr>
</tbody>
</table>

* To qualify for student member and 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 OSH field.

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

Subtotal for Step 1A ........................................................................................................ $___________

STEP 1B GROUP REGISTRATION – Group pricing deadline 5/15/15 for regular rates. See page 54 for information on sending a company group.

<table>
<thead>
<tr>
<th>Group Code</th>
<th>Group Rate (per person)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Group Registration</th>
<th>Early Rate Postmarked on or before 3/31/15</th>
<th>Regular Rate Postmarked 4/1/15-5/15/15</th>
<th>Late Rate 5/16/15 - On site</th>
<th>Amount Due</th>
</tr>
</thead>
<tbody>
<tr>
<td>10-19 people from same company</td>
<td>$655</td>
<td>$765</td>
<td>$805</td>
<td>$</td>
</tr>
<tr>
<td>20-35 people from same company</td>
<td>$625</td>
<td>$735</td>
<td>$775</td>
<td>$</td>
</tr>
<tr>
<td>36-59 people from same company</td>
<td>$595</td>
<td>$705</td>
<td>$745</td>
<td>$</td>
</tr>
<tr>
<td>60-90 people from same company</td>
<td>$565</td>
<td>$675</td>
<td>$715</td>
<td>$</td>
</tr>
</tbody>
</table>

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. Titles and session numbers can be found in this brochure. NOTE: This is to aid in determining room sizes and is not a guaranteed seat.

<table>
<thead>
<tr>
<th>Time Period</th>
<th>Monday</th>
<th>Monday</th>
<th>Monday</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Tuesday</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:30AM-11:45AM</td>
<td>10:00PM-2:00PM</td>
<td>3:15PM-4:15PM</td>
<td>4:30PM-5:30PM</td>
<td>10:30AM-11:45AM</td>
<td>3:00PM-4:15PM</td>
<td></td>
</tr>
<tr>
<td>4:30PM-5:30PM</td>
<td>Wednesday</td>
<td>Wednesday</td>
<td>Wednesday</td>
<td>Wednesday</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7:45AM-9:00AM</td>
<td>11:00AM-12:00PM</td>
<td>1:45PM-2:45PM</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Registration Policies and Procedures can be found on page 54.
## Safety 2015 Professional Development Conference (PDC) Registration Form

### Step 3: Pre and Post Conference Seminars

For seminar names and codes see page 36.

<table>
<thead>
<tr>
<th>Pre Conference Seminars</th>
<th>Early Rate Postmarked on or before 3/31/15</th>
<th>Regular Rate Postmarked 4/15-5/15/15</th>
<th>Late Rate 5/16/15 - On Site</th>
<th>Amount Due</th>
</tr>
</thead>
<tbody>
<tr>
<td>One-Day – June 4, 6 or 7</td>
<td>Member $315</td>
<td>Member $365</td>
<td>Member $385</td>
<td>$385</td>
</tr>
<tr>
<td>111 308 309 310 311 312 313 314 315 316</td>
<td>Non-member $380</td>
<td>Non-member $415</td>
<td>Non-member $430</td>
<td>$430</td>
</tr>
<tr>
<td>Two-Day – June 4-5 or 6-7</td>
<td>Member $575</td>
<td>Member $625</td>
<td>Member $650</td>
<td>$650</td>
</tr>
<tr>
<td>122 321 322 323 324 325 326 327 328</td>
<td>Non-member $625</td>
<td>Non-member $675</td>
<td>Non-member $700</td>
<td>$700</td>
</tr>
<tr>
<td>Three-Day – June 5-7</td>
<td>Member $660</td>
<td>Member $710</td>
<td>Member $735</td>
<td>$735</td>
</tr>
<tr>
<td>231 232 233 234 235 236</td>
<td>Non-member $710</td>
<td>Non-member $760</td>
<td>Non-member $785</td>
<td>$785</td>
</tr>
<tr>
<td>June 4-5</td>
<td>Member $625</td>
<td>Member $675</td>
<td>Member $725</td>
<td>$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>
<td>$775</td>
</tr>
<tr>
<td>June 6-7</td>
<td>Member $625</td>
<td>Member $675</td>
<td>Member $725</td>
<td>$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>
<td>$775</td>
</tr>
</tbody>
</table>

AIHA/AHMP Members are eligible for a $30 discount off the non-member rate. No more than one discount applies.

Subtotal for Step 3: $__________

### Step 4: Lunches

Please check one box for Monday and one box for Tuesday Lunch if you plan to attend; Wednesday Luncheon is optional and an additional fee.

<table>
<thead>
<tr>
<th>Monday, June 8</th>
<th>LO5 Conference Luncheon</th>
<th>LO5C Chapter Recognition Luncheon</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuesday, June 9</td>
<td>LO6 Conference Luncheon</td>
<td>LO6P Council on Practices &amp; Standards Awards Luncheon</td>
</tr>
</tbody>
</table>

Wednesday, June 10: LP715 Conference Luncheon/Program – Fee $45 (On-Site Fee $50) $__________

Subtotal for Step 4: $__________

### Step 5: Night Out Event

Check the appropriate number and enter amount due in the far right column.

<table>
<thead>
<tr>
<th>Tuesday, June 9, Networking Night Out</th>
<th>Early Rate Before 3/31/15</th>
<th>Regular Rate After 3/31/15</th>
<th># of Attendees</th>
<th>Amount Due</th>
</tr>
</thead>
<tbody>
<tr>
<td>NO6 Night Out</td>
<td>$75</td>
<td>$85</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Subtotal for Step 5: $__________

### Step 6: Technical Tours

Conference attendees are permitted to register for only one educational tour. See page 50 for full details.

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

Subtotal for Step 6: $__________

### Step 7: Wise Retreat and Golf Outing

Check the appropriate number and enter amount due in the far right column.

<table>
<thead>
<tr>
<th>Saturday, June 6, WISE Retreat</th>
<th>Early Rate Before 3/31/15</th>
<th>Regular Rate After 3/31/15</th>
<th># of Attendees</th>
<th>Amount Due</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASSE Member</td>
<td>$75*</td>
<td>$100*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ASSE Non-Member</td>
<td>$100</td>
<td>$125</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Sunday, June 7, Foundation Golf Outing: GOLF15 $165

*ASSE Members that are not currently members of the WISE Common Interest Group will receive a complimentary 1-year WISE membership automatically with their WISE Retreat registration.

Subtotal for Step 7: $__________

### 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.

<table>
<thead>
<tr>
<th>Sunday, June 7</th>
<th>400 Academic Forum</th>
<th>9:30AM-3:00PM</th>
</tr>
</thead>
</table>

### Step 9: Student Roundtable Program

Monday, June 8: 500 Safety Talks-Student Roundtables 2:00PM-2:15PM

### Step 10: Method of Payment

- 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) __________________________

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

Grand Total: (Steps 1, 3, 4, 5, 6, 7) $__________
ASSE’S SAFETY 2015
OFFICIAL HOTELS

Homewood Suites by Hilton Dallas Downtown $179
Complimentary ASSE Shuttle Service

Hyatt Regency at Reunion $189
Preferred Group & Exhibitor Hotel
Complimentary ASSE Shuttle Service

Omni Dallas Hotel $224
Headquarter Hotel
Connected to Kay Bailey Hutchison Convention Center

Sheraton Dallas Hotel $199
Preferred Group & Exhibitor Hotel
Complimentary ASSE Shuttle Service

SpringHill Suites Dallas Downtown/West End $169
Complimentary ASSE Shuttle Service

Note: More hotels may be added at a later date.

Ways to Book
Reservation Deadline is May 14, 2015

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

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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.

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Exceptional Service
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Please Note: onPeak is the only official housing company associated with ASSE’s Safety 2015 Conference & Exposition. 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 and transportation to Safety 2015 will not be available.

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 15%, subject to change.

A small portion of the hotel rate listed above includes a housing fee which covers administrative fees.
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