



# 9<sup>th</sup> Annual Alaska Occupational Safety Summit

Egan Convention Center, Anchorage, Alaska  
Tuesday, September 30, 2014

**Session 1 – Keynote**  
**Presenter: Bill Sims**

**8:30AM – 10:00AM**

**Title: "Beyond Zero Injuries"**

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. Some of the finest safety cultures meet the goal of Zero Injuries, only to find that a tragic event shatters Zero, leaving it a hollow memory of what was, but no longer is. Why does this happen? Is Zero really the right goal or is there a better one that will drive continuous safety improvement? Learn what lies Beyond Zero, and how this is the goal your culture must strive for to not only survive, but thrive in today's competitive landscape.

**Biography:**

Bill Sims, Jr. is the President of the Bill Sims Company. Bill is a pioneer in designing rewards and recognition systems for "leading indicators" in safety, challenging the incentive industry's usual "lagging indicator" approach that contributes to injury hiding and employee disengagement. The Bill Sims Company has revolutionized safety and reward practices and more than 1,000 clients have achieved unprecedented improvements in safety, injury reduction, production, customer satisfaction and employee morale. Satisfied clients include Coca Cola, Disney, Marathon Oil, and major service, manufacturing, construction and shipping companies. Bill speaks worldwide to safety professionals at NSC- National Safety Council, ASSE- American Society of Safety Engineers, ASSE Mid East Chapter, VPPPA, Alaska Governor's Safety Conference, RILA- Retail Industry Leaders Association, and many others. Bill presents Keynote addresses and conducts, seminars, webinars and R+ Positive Reinforcement Workshops, all to rave reviews. Bill's 1<sup>st</sup> book is now available: *Green Beans & Ice Cream: The Remarkable Power of Positive Reinforcement*.

**Learning Outcomes:**

At the end of this session, attendees will:

- Learn how "zero Injuries" is only the beginning of your journey to safety, not the end, as most safety professionals believe.
- Learn what will motivate your employees without your acting as the "safety cop".
- Learn what kind of employees you have: non-compliant, compliant or committed.
- Learn about the "Leave Alone/Zap" approach to safety compliance? Why does it work—but do you really want it to?



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#### Session 2

10:30AM – 12:00PM

**Presenter: Louis M. Christie**

#### **Title: Safety and Emotional Intelligence**

How many times during an incident investigation has it been said the injured person was not paying attention. Safety professionals have long known that being safe at the worksite is a matter of attention to one's work environment. Understanding the relationship between workplace safety and emotions will help reduce the number of incidents on the worksite. These workplace emotions are referred to as Emotional Intelligence. The workplace of yesteryear used to tell the employee to check their emotions at the door as they came to work. Today, the workplace is revisiting how emotions influence workplace safety. You will explore how emotions and/or emotional intelligence may become a safety factor for the employee.

#### **Biography:**

Louis is the Founder and Principal of LMC Management Services LLC, a veteran owned Human Resources and Management consulting firm. As a consultant for over twenty years and a human resources practitioner for over thirty years, he has worked in 5 major industries; oil & gas, textile, lumber retail, aircraft and air cargo, and healthcare. Lou has presented for the AK chapter of ASTD, Anchorage SHRM, and the AK Governor's Safety & Health Conference. He has been a continuing education instructor and adjunct professor. Lou has a BBA in Personnel Administration and Industrial Relations from the University of North Texas and a MA in Organizational Management from the University of Phoenix. He is a certified Level II Emotional Intelligence Instructor, Appreciative Inquiry Facilitator, and a Neuro-Linguistics Programming Technician.

#### **Learning Outcomes:**

At the end of this session, attendees will be able to:

- Differentiate the four Emotional Intelligence skills in the workplace.
- Use Emotional Intelligence skills to improve workplace safety.
- Understand the relationship between Emotional Intelligence and reduced safety cost.
- Evaluate how Emotional Intelligence impacts the bottom line.



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#### Session 3

10:30AM – 12:00PM

#### Presenter: James Boretti

#### **Title: Establishing Your Value in the Corporate Suite**

Senior management looks to you for SH&E leadership and value you bring to support your efforts. In this seminar, Establishing Your Value in the Corporate Suite (C-Suite) you will learn key points the C-Suite wants to know about SH&E and how to communicate this information effectively. Your knowledge of the organization's business goals and senior management's expectations of SH&E will strengthen your bond and partnership with the C-Suite.

#### **Biography:**

James is currently President of Boretti, Inc., a professional consulting firm that evaluates, develops and implements safety, health and environmental solutions. With almost 30 years of experience, he has successfully consulted with a wide range of clients and industries, including healthcare, manufacturing, television, construction and agricultural environments. James is a frequent speaker for organizations such as the ASSE. He is active in ASSE as a Professional Member, Past-President of the Central Valley & Orange County Chapters, ARVP of Government Affairs/PA ROC I, and member of the ASSE Finance and Business of Safety Committees. James has a BBA in Marketing from San Diego State University and is a Certified Safety Professional.

#### **Learning Outcomes:**

At the end of this session, attendees will be able to:

- Demonstrate a general understanding of business language and a foundation from which business decisions are made that affect safety initiatives.
- Identify expectations and align SH&E efforts driven by organizational objectives from the Corporate Suite to gain involvement of decision-makers that increases value.



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#### Session 4

10:30AM – 12:00PM

**Presenter: Thomas Cecich**

#### **Title: Occupational Risk Assessment**

This session will define workplace risk and the value to safety professionals of effectively managing and communication risk in their organizations. Methods to identify, assess, mitigate and manage workplace risk are presented. The workshop will describe several risk assessment methodologies and present case studies to guide attendees in conducting risk assessments.

#### **Biography:**

Tom is the Senior Vice President of ASSE, a member of the ASSE Board of Directors, and an ASSE Fellow. He was Vice President of EHS Global Business Support with GlaxoSmithKline and held safety management positions with the IBM and Allied Chemical Corporations. Tom is an Assistant Clinical Professor of Environmental Health Sciences at Tulane University. He is also the Chairman of the Board of the Center for Safety and Health Sustainability, a global non-profit that represents 100,000 safety professionals in promoting worker safety as an important element of sustainable organizations. Tom has a BSIE in Industrial Engineering from the University of Miami and MS in Industrial Engineering from the North Carolina State University. He is both a Certified Safety Professional and a Certified Industrial Hygienist.

#### **Learning Outcomes:**

At the end of this session, attendees will be able to:

- Understand workplace risk assessment principles and methodologies.
- Identify workplace hazards and evaluate their risk of causing harm.
- Conduct a workplace risk assessment.



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#### Session 5

1:00PM – 2:30PM

**Presenter: Mary Rydesky**

#### **Title: Social Media: Safety Messaging for Millennials & More**

Getting the message of safety to employees and contractors challenges the best of companies. Seminars and online training may yield numbers for compliance reports, but is their content carried to the worksite? And are learning preferences changing with the generations? In this presentation, consider the impact of social media such as Twitter, FaceBook, Pinterest, and similar tools. Are they a fad? Are they effective? Consider how adding these to your avenues for communication might translate to changes in behavior. Take home a checklist on how to get started.

#### **Biography:**

Mary is a professional trainer & educator and practices application of 'adult learning' principles in a variety of settings. With experience in for-profit & not-for-profit, corporate, & small business settings, she has gained extensive depth in health care & consulting environments ranging from Texas to Alaska. Her background in instructional design, persuasive delivery, & administration of learning management has centered on one theme: training must have a measurable impact on behavior to be worth its time & cost. Mary serves on the board of the Alaska Chapter, ASTD, & volunteers on ASTD national initiatives. She also heads Transition Management and established and operates the Alaska Distance Learning Network. She holds a BA in Communications, Arts, & Education, a MA in Library & Information Science, & a MBA, and currently completing her dissertation towards a Ph.D. in Management of Engineering & Technology.

#### **Learning Outcomes:**

At the end of this session, attendees will be able to:

- Describe learning preferences ascribed to generations in the workplace, from boomers to millennials (and beyond).
- List at least 3 'apps' as examples of tools for informal learning.
- Consider social media such as FaceBook, Twitter, and Pinterest when selecting avenues of communication.



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### Session 6

1:00PM – 2:30PM

**Presenter: Dr. Isabel Perry**

#### **Title: ANSI Z10: Take Your Safety Management System from Good to Great**

“Good is the enemy of great” according to Jim Collins in his record breaking #1 bestselling book, Good to Great. Whether individuals are starting from a blank sheet of paper or tweaking an existing safety management system, this session will provide the structure necessary to succeed. By using ANZI Z10 2012 as the Occupational Health and Safety Management System, the session provides an overview of the 5 major elements – Management Leadership and Employee Participation, Planning, Implementation and Operation, Evaluation and Correction and Management Review. Attendees will leave with their own individualized scorecard with an indication of the strengths and weaknesses in their existing Occupational Health and Safety Management System.

#### **Biography:**

Isabel is the Founder and President of “The Safety Doctor.com”, Inc., and is a frequent keynote speaker and workshop leader as well as consultant, author, and expert witness. She has held HSE leadership positions with United Technologies Corp., Pratt and Whitney, and Harris Corporation. Isabel is a member of ASSE, the Florida Safety Council and Board of Directors, NSC, NSA, and ASTD. Isabel attended West Virginia University where she completed her BA in Human Resources, MS in Safety Management, and an EdD in Adult Learning/Educational Psychology/Behavioral Change.

#### **Learning Outcomes:**

At the end of this session, attendees will be able to:

- Demonstrate a greater understanding of how, when, where and why ANSI Z10 2012 was developed and its future implementation.
- Assess their OHS Management System against the criteria set forth in ANZI Z10 2012.
- Build a customized ‘Blueprint’ for a better OHSMS program in their organization.



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**Session 7**

**1:00PM – 2:30PM**

**Presenter: Thomas Lotz**

**Title: Managing Project Risk for both the Contractor and Owner**

Managing Project Risk for both the Contractor and Owner can be an often overlooked item. Both parties share a typical assumption that everything is taken care of or else nothing could happen. This session will look into the risk Contractors pose to Owners, as well as the risk Owners pose to Contractors. This session will be an interactive session, with discussions and examples about *Risk Transfer* tools and understanding the terms and insurance programs. This session will also explore the unexpected risk associated with any size construction project.

**Biography:**

Tom is a Senior Consultant with Tokio Marine Management & Insurance Companies in Franklin, TN. He has been in the business of safety for twenty-seven years, formally an Assistant Vice President and Senior Consultant at Marsh USA (LA-CA), a Senior Consultant with Aon Risk Services (LA-CA), and a Corporate Safety Manager for a Southern California construction company. Tom is a Professional Member of ASSE and has been active in his Regions serving as ARVP – Professional Affairs for both Region 1 and Region 7, and as Past President of the Valley Coastal Chapter of ASSE. He has conducted construction safety and risk assessment presentations for ASSE and California Polytechnic University. Tom has a BS in Management from Indiana University of Pennsylvania and is both a Certified Safety Professional and a designated Associate in Risk Management.

**Learning Outcomes:**

At the end of this session, attendees will be able to:

- Understand common liability loss exposures both when hiring a contractor or being a contractor and how those exposures can affect a General Industry operation owner.
- Discuss risk management terms and concepts that should be fully understood by all levels of supervision.
- Describe the key lines of insurance that a company should require proper proof of, from their contractor and understand the coverage provided by these products.
- Identify and explain the key elements in a risk management and insurance program that can be combined to manage risk of contractors as well as limit the risk to contractors and their impact.



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### Session 8

3:00PM – 4:30PM

**Presenter: Kent Hatcher**

**Title: Ergonomic Design Guidelines for the Oil, Gas and Energy Industries**

Most ergonomics initiatives within the oil & gas industry have focused on developing design specifications for new facilities and refineries. When used, these specifications are extremely valuable as they enhance human performance, increase productivity, and improve product quality and process stability. Regrettably, most engineers are unaware or overlook these specifications during the design phase of small projects, because these specifications can be lengthy and complex. Consequently, there are a lot of ergonomic issues within existing facilities and refineries. These issues present unexpected barriers that decrease human performance, cut production, and diminish product quality and process stability.

**Biography:**

Kent is a Director and Ergonomics Engineer for Humantech, specializing in development and deployment of large-scale ergonomic initiatives in the food and beverage, industrial, and consumer products industries, as well as facilitating group training sessions and developing internal ergonomics expertise. He has performed hundreds of training sessions for various clients, including Toyota, Goodyear, General Mills, Covidien, AMCOL, Miller-Coors and Kuwait National Petroleum. Kent has presented at national conferences, including the National Ergonomics Conference, Applied Ergonomics Conference, and several Regional Conferences for ASSE. Kent has a BS in Kinesiology from the University of Waterloo and a MS in Ergonomics from Loughborough University. He is a Certified Professional Ergonomist.

**Learning Outcomes:**

At the end of this session, attendees will be able to:

- Identify existing ergonomic issues using simple assessment tools.
  - Apply simple ergonomic design guidelines to assist in the job improvement process.
  - Implement effective ergonomic solutions for the oil & gas industry.
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**Session 9**

**3:00PM – 4:30PM**

**Presenter: Mike Acree**

**Title: Why Risk It? Case Studies in Real World Situational Awareness**

Situational Awareness is the ability to identify, process, and comprehend the critical elements of information about what is happening in your work environment and among your coworkers. More simply, it is knowing what is going on around you. Situational awareness is dynamic, hard to maintain, and easy to lose. Knowing what is going on all the time is very difficult for any one person, especially during complex or high stress operations. When we lose our situational awareness we increase the potential for human error mishaps. Therefore it is important that we practice behaviors that keep us in the moment. Using story-telling and narrative learning techniques, Mike will demonstrate how supervisors can promote situational awareness through their daily dialogue at work.

**Biography:**

Mike is President of Compliance Based Safety, Inc. & and a sub-contractor for SPAN International. He is recognized by the courts as an expert witness in occupational safety and health, has 35 years experience as a safety professional involved with diverse safety issues. Serving 6 years with the Arkansas Department of Labor, he specialized in fatality investigations, hazard analysis, and workplace safety auditing. Mike has demonstrated successful implementation of continuous improvement safety processes for both public and private organizations. Mike is an instructor for the Mid-West OSHA Educational Center for both General Industry and Construction courses. He has served as a successful mediator with OSHA to reduce or eliminate penalties, lower OSHA incident rates, and assist companies for preparation for the OSHA VPP audits. Mike is a member of the ASSE and is a Certified Safety Professional, a Certified Environmental Safety & Health Trainer, Occupational Health and Safety Technologists, Construction Health and Safety Technician and a Safety Trained Supervisor.

**Learning Outcomes:**

At the end of this session, attendees will be able to:

- Describe the relationship between situational awareness and safe work behaviors.
- Use story-telling and narrative learning techniques to promote situational awareness among the workforce.



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**Session 10**

**3:00PM – 4:30PM**

**Presenter: Michael Jaurena**

**Title: Fundamentals of Industrial Hygiene for Risk Assessments**

Fundamentals of Industrial Hygiene for Risk Assessments is an overview of a systematic approach in evaluating and mitigating occupational health risks encountered in petrochemical and construction industries. Based off the 1982 FACE study by NIOSH 80% of confined space incidents were due to atmospheric hazards while 20% of the incidents was caused by physical hazards. Many field based exposures and hazardous material incidents mirror confined spaces but are not as concentrated creating a more challenging IH plan and risk assessment. Developed by safety professionals from the petrochemical industry along with seasoned professional emergency responders this training is used as a fundamental basis for conducting site conditions risk assessments for atmospheric and physical hazards and exposures. This session covers five main categories – Critical Definitions, Basic Industrial Hygiene, Atmospheric Hazard Assessment, Physical Hazards, and Atmospheric Management.

**Biography:**

Mike was Founder and President of Safety and Training Consultants, Inc. from 2002 to 2012, and sold the company in 2012. STCI was a full service occupational safety, environmental and health consulting firm and supported companies with World Class HSE cultures such as Chevron, Exxon-Mobil, Bechtel, Aera Energy, Boeing, PXP, and Occidental Petroleum. Prior to STCI, he worked 17 years for a major oil and gas production company. Mike has a vast array of experience in domestic and international operations, construction, health, safety & environmental program development, as well as organizational and project management. He is now a Business Advisor and Senior Consultant for Safety Management Systems. LLC. Mike is a frequent speaker at ASSE events including several presentations at Alaska ASSE Safety Summits. Mike has a BS in Business and Management from California Polytechnic State University and is both a Certified Safety Professional and Occupational Health and Safety Technologist.

**Learning Outcomes:**

At the end of this session, attendees will be able to:

- Describe the fundamental concepts of industrial hygiene risk assessments.
- Identify occupational health hazards in the petrochemical and construction industries.
- Interpret industrial hygiene risk assessment data.
- Assess industrial hygiene risk control strategies.



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**Wednesday, October 1, 2014**

**Session 11**

**8:00AM – 10:00AM**

**Presenter: Bill Sims**

**Title: Green Beans & Ice Cream: The Remarkable Power of Positive Reinforcement**

What is positive reinforcement? What is NOT positive reinforcement? How does it drive employee engagement and a safer and more productive culture? What type of employee do you have: compliant, non-compliant or committed? Learn how to bring out the best in your team! Let Bill Sims, Jr. show you how the remarkable power of positive reinforcement results in a more committed team, resulting in better, safer job performance. Using real-life examples and case studies learn to develop an effective strategy for motivating and rewarding your team!

**Biography:**

Bill Sims, Jr. is the President of the Bill Sims Company. Bill is a pioneer in designing rewards and recognition systems for “leading indicators” in safety, challenging the incentive industry’s usual “lagging indicator” approach that contributes to injury hiding and employee disengagement. The Bill Sims Company has revolutionized safety and reward practices and more than 1,000 clients have achieved unprecedented improvements in safety, injury reduction, production, customer satisfaction and employee morale. Satisfied clients include Coca Cola, Disney, Marathon Oil, and major service, manufacturing, construction and shipping companies. Bill speaks worldwide to safety professionals at NSC- National Safety Council, ASSE- American Society of Safety Engineers, ASSE Mid East Chapter, VPPPA, Alaska Governor’s Safety Conference, RILA- Retail Industry Leaders Association, and many others. Bill presents Keynote addresses and conducts, seminars, webinars and R+ Positive Reinforcement Workshops, all to rave reviews. Bill’s 1<sup>st</sup> book is now available: ***Green Beans & Ice Cream: The Remarkable Power of Positive Reinforcement.***

Bill’s primary website is [www.greenbeanleadership.com](http://www.greenbeanleadership.com)

**Learning Outcomes:**

At the end of this session, attendees will be able to:

- Use 3 ways to identify potential leaders and nurture emerging leadership skills.
- Understand the hidden trap of a “Leave Alone/Zap” management style.
- Assess your culture and determine whether your systems rely on positive or negative reinforcement.
- Establish supervisor accountability for your change initiatives.



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**Session 12**

**8:00AM – 10:00AM**

**Presenter: Dr. Isabel Perry**

**Title: 21st Century Safety: Using New Technology to Solve Today's Safety Problems**

New technology innovations can help safety professionals solve many problems faced by employees today. No WiFi, no problem. No expensive safety monitoring equipment, no problem. No safety training classes in remote locations, no problem. 97% of the workforce has smart phones. Many software solutions and apps have been built for entertainment. However, when we take the time to dig, dig, dig deeper, we can find a number of tools developed for safety professionals. Unfortunately, most go unnoticed and many safety professionals remain too far to the left on this chart. This session will demonstrate how to use 21<sup>st</sup> century technology far beyond phone calls and texts to solve many problems we face daily.

**Biography:**

Isabel is the Founder and President of “The Safety Doctor.com”, Inc., and is a frequent keynote speaker and workshop leader as well as consultant, author, and expert witness. She has held HSE leadership positions with United Technologies Corp., Pratt and Whitney, and Harris Corporation. Isabel is a member of ASSE, the Florida Safety Council and Board of Directors, NSC, NSA, and ASTD. Isabel attended West Virginia University where she completed her BA in Human Resources, MS in Safety Management, and an EdD in Adult Learning/Educational Psychology/Behavioral Change.

**Learning Outcomes:**

At the end of this session, attendees will be able to:

**Learning Outcomes:**

At the end of this session, attendees will be able to:

- Utilize quality native apps (often free) to take necessary (often regulated) measurements in the field without costly equipment.
- Retain critical safety information by the use of computer software that delivers small nuggets of learning on a daily basis.
- Evaluate current safety management systems and identify gaps and strengths in the corporate program. This data may provide ‘best in class’ information for sharing and/or areas of weakness/opportunity for future development.
- Structure just-in-time training material for access in local or remote areas.



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**Session 13**

**8:00AM – 10:00AM**

**Presenter: Thomas Lotz**

**Title: Conducting a Risk Management Needs Assessment**

Conducting a comprehensive risk management needs assessment is an important activity for an organization of any size. A comprehensive risk management assessment is a useful tool to uncover and identify lapses in insurable risks along with unique and unidentified exposures. Unfortunately, the variety of issues needing to be assessed is typically handled by multiple departments and personnel within an organization. There often is no distinct person with the knowledge, skill set, or authority to handle or coordinate the entire subject properly. This session will help the attendee gain insight into the web of risk present in any organization.

**Biography:**

Tom is a Senior Consultant with Tokio Marine Management & Insurance Companies in Franklin, TN. He has been in the business of safety for twenty-seven years, formally an Assistant Vice President and Senior Consultant at Marsh USA (LA-CA), a Senior Consultant with Aon Risk Services (LA-CA), and a Corporate Safety Manager for a Southern California construction company. Tom is a Professional Member of ASSE and has been active in his Regions serving as ARVP – Professional Affairs for both Region 1 and Region 7, and as Past President of the Valley Coastal Chapter of ASSE. He has conducted construction safety and risk assessment presentations for ASSE and California Polytechnic University. Tom has a BS in Management from Indiana University of Pennsylvania and is both a Certified Safety Professional and a designated Associate in Risk Management.

**Learning Outcomes:**

At the end of this session, attendees will be able to:

- Describe the fundamental elements of the risk management process.
- Recognize the diverse risks that may impact an organization's performance and success.
- Compare the value of pro-active versus reactive risk assessment strategies.
- Relate how the risk assessment process can improve communication between departments in the organization.
- Employ differing tools and techniques useful in defining and analyzing risk.



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**Session 14**

**10:30AM – 12:00PM**

**Presenter: James Smith**

**Title: Using Gap Analysis to Advance Safety Management Performances**

Gap analysis compares the gap between an organization's actual performances against its potential/desire performance in injury reduction. This presentation will be hybrid of using gap analysis to establish baseline assessment of what current safety/risk control practices are being performed to what the corporate standard of practice is or where do you want to be in the future for injury reduction. The Gap Analysis method involves:

- Review the management system including the organization goals/objectives to understand the environment surrounding work-related injuries and safety management processes
- Use evidence-based data to determine organizations current state in work related injuries and processes used in injury reduction
- Seek understanding of actual practices in the business operations with the highest frequency of work related injuries.
- Seek understanding of actual practices in the business operations that have successful injury rates. Compared this with poor performing groups to determine gaps.
- Identify the gaps in current practices and barriers in place that affect optimal injury reduction performance.
- Create a business strategy (roadmap) on how to advance or bridge the gap between the current situation and the desired future state of injury reduction performance.

**Biography:**

Jim has 32 years of experience in Corporate Risk Management/Safety/Claims working for companies including Arthur J. Gallagher & Company and the South Florida Water Management District. He is a frequent speaker for clients and national safety/insurance associations on topics including workers compensation cost reduction, loss trends, workplace safety, vehicle operations loss control, and risk management. His industry affiliations include – ASSE: Safety Professional of the Year (2004), President Award (2012/2010), and Culbertson Award, member of several ANSI/ASSE safety standard committees, ASSE Board of Directors, as well as serving as a member of advisory councils for Embry-Riddle University and East Carolina University. Jim has both a BS and MS in Industrial Safety from the University of Central Missouri and is a Certified Safety Professional.

**- Learning Outcomes:**

At the end of this session, attendees will be able to:

Describe the fundamental elements of the gap analysis process.

- Explain the importance of identifying risk exposures of various business operations using the gap analysis process.
- Recognize the value of evidence-based data in analyzing an organization's work related injuries and incident reduction processes.
- Perform sample methods or techniques to assess business injury reduction practices.
- Discuss examples or cases used to successfully reduce work related injuries and claims.



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**Session 15**

**10:30AM – 12:00PM**

**Presenter: Michael Jaurena**

**Title: When World Class Safety Is Not Good Enough**

Achieving World Class Safety is the challenge we, as safety professionals, have been tasked with. Once we have achieved this stature, it becomes apparent that World Class Safety Performance is still not good enough. Even with World Class Safety Performance, people are still getting hurt, incidents occur, and performance expectations of Corporate Management are readjusted further tasking us to improve and get better. We quickly realize the achievement of World Class Safety Performance starts you on a new journey, which is to achieve and sustain zero by design. In essence and once baselines have been reset, any TRIR above zero is unacceptable no matter if your performance is World Class.

How do we as safety professionals do this? This presentation will challenge some existing practices, provoke innovative and creative thought, and establish the truths and realities of our profession that were so convenient to forget when the expectation was the achievement of World Class Safety Performance. This presentation will suggest strategies and stimulate thought provoking ideas on how to blaze a trail on your journey to zero.

**Biography:**

Mike was Founder and President of Safety and Training Consultants, Inc. from 2002 to 2012, and sold the company in 2012. STCI was a full service occupational safety, environmental and health consulting firm and supported companies with World Class HSE cultures such as Chevron, Exxon-Mobil, Bechtel, Aera Energy, Boeing, PXP, and Occidental Petroleum. Prior to STCI, he worked 17 years for a major oil and gas production company. Mike has a vast array of experience in domestic and international operations, construction, health, safety & environmental program development, as well as organizational and project management. He is now a Business Advisor and Senior Consultant for Safety Management Systems. LLC. Mike is a frequent speaker at ASSE events including several presentations at Alaska ASSE Safety Summits. Mike has a BS in Business and Management from California Polytechnic State University and is both a Certified Safety Professional and Occupational Health and Safety Technologist.

**Learning Outcomes:**

At the end of this session, attendees will be able to:

- Describe World Class Safety performance.
- Define Zero By Design.
- Challenge existing strategies for safety targets through interactive discussion.
- Provide new strategies to facilitate a drive to zero incidents.





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### Session 16

10:30AM – 12:00PM

**Presenter: Jim Newberry**

#### **Title: Risk Register, Prioritization and Assessment Methods – Part 1**

This two session program will provide EH&S professionals with practical group exercises to develop fundamental skills, knowledge and competencies needed to conduct risk assessments. This workshop will cover: developing a basic risk register; risk prioritization and; the application of risk assessment tools on selected risks. The diversity of ways that the risk assessment process can be applied is broad: worker safety; fleet safety; product safety; construction safety; property conservation; environmental safety; industrial hygiene; employment practices; boiler and machinery; security just to name a few of them. Risk Assessment is a utilitarian process that must be used in the EH&S world and is likely to become the new way that things get done. The materials covered in this workshop are specific to the safety profession and provide an opportunity for those desiring to move forward into the future, to prepare for it.

#### **Biography:**

Jim is Vice President and risk Control Manager for Island Insurance Company, Honolulu, HI. As an ASSE professional member with over 30 years of experience in Insurance Risk Control, he was the ASSE Administrator of the Risk Management and Insurance – Practice Specialty (2011-2013), is on the ASSE Risk Assessment Institute committee and is a member of the U.S. Technical Advisory Group for ISO 31000 Risk Management Guide and TC 262 Risk Management Implementation Guide. Jim is also Chair of the Hawaii Occupational Safety and Health Advisory Committee (2014). He has a BS in Environmental Safety and Safety Management from Indiana State University and is a Certified Construction Health and Safety Technician.

#### **Learning Outcomes:**

At the end of this session, attendees will be able to:

- Describe the fundamental elements of the risk register, prioritization and assessment methodology.
- Develop a basic risk register using a prioritization process and applying risk assessment tools to selected risks.
- Demonstrate a basic level of competency in the risk register, prioritization, and assessment process.



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### Session 17

1:00PM – 2:30PM

**Presenter: Kent Hatcher**

#### **Title: Five Mistakes Companies Make With Ergonomics**

Through a series of benchmarking studies conducted over the past 10 years, Humantech has identified both the barriers and the opportunities for successfully managing workplace ergonomics. This presentation covers the five most common mistakes to avoid when establishing an ergonomics process and shares keys to successfully managing your ergonomics program.

#### **Biography:**

Kent is a Director and Ergonomics Engineer for Humantech, specializing in development and deployment of large-scale ergonomic initiatives in the food and beverage, industrial, and consumer products industries, as well as facilitating group training sessions and developing internal ergonomics expertise. He has performed hundreds of training sessions for various clients, including Toyota, Goodyear, General Mills, Covidien, AMCOL, Miller-Coors and Kuwait National Petroleum. Kent has presented at national conferences, including the National Ergonomics Conference, Applied Ergonomics Conference, and several Regional Conferences for ASSE. Kent has a BS in Kinesiology from the University of Waterloo and a MS in Ergonomics from Loughborough University. He is a Certified Professional Ergonomist.

#### **Learning Outcomes:**

At the end of this session, attendees will be able to:

- Identify the critical elements of their site or company ergonomics improvement process.
- Establish a proactive leading goal for their company's ergonomics program.
- Select appropriate metrics that will drive their organization toward the goal.
- Identify the resources and support infrastructure appropriate for their ergonomics program.



## 9<sup>th</sup> Annual

### Alaska Occupational Safety Summit Egan Convention Center, Anchorage, Alaska

#### Session 18

1:00PM – 2:30PM

**Presenter: Thomas Cecich**

#### **Title: Safety and Sustainability**

Organizations have recognized the importance of developing a sustainable business model that includes balancing their financial, social and environmental responsibilities. Organizations have developed strategies to demonstrate long term value however workplace safety has not been recognized as critical element of a sustainable organization. This presentation will highlight initiatives being undertaken to promote workplace safety as an important sustainability strategy.

#### **Biography:**

Tom is the Senior Vice President of ASSE, a member of the ASSE Board of Directors, and an ASSE Fellow. He was Vice President of EHS Global Business Support with GlaxoSmithKline and held safety management positions with the IBM and Allied Chemical Corporations. Tom is an Assistant Clinical Professor of Environmental Health Sciences at Tulane University. He is also the Chairman of the Board of the Center for Safety and Health Sustainability, a global non-profit that represents 100,000 safety professionals in promoting worker safety as an important element of sustainable organizations. Tom has a BSIE in Industrial Engineering from the University of Miami and MS in Industrial Engineering from the North Carolina State University. He is both a Certified Safety Professional and a Certified Industrial Hygienist.

#### **Learning Outcomes:**

At the end of this session, attendees will be able to:

- Define the elements of organizational sustainability.
- Demonstrate why safety is a key sustainability measure.
- Discuss how organizations can include safety into their sustainability processes.



## 9<sup>th</sup> Annual

# Alaska Occupational Safety Summit

Egan Convention Center, Anchorage, Alaska

**Session 19**

**1:00PM – 2:30PM**

**Presenter: Jim Newberry**

**Title: Risk Register, Prioritization and Assessment Methods – Part 2**

This two session program will provide EH&S professionals with practical group exercises to develop fundamental skills, knowledge and competencies needed to conduct risk assessments. This workshop will cover: developing a basic risk register; risk prioritization and; the application of risk assessment tools on selected risks. The diversity of ways that the risk assessment process can be applied is broad: worker safety; fleet safety; product safety; construction safety; property conservation; environmental safety; industrial hygiene; employment practices; boiler and machinery; security just to name a few of them. Risk Assessment is a utilitarian process that must be used in the EH&S world and is likely to become the new way that things get done. The materials covered in this workshop are specific to the safety profession and provide an opportunity for those desiring to move forward into the future, to prepare for it.

**Biography:**

Jim is Vice President and risk Control Manager for Island Insurance Company, Honolulu, HI. As an ASSE professional member with over 30 years of experience in Insurance Risk Control, he was the ASSE Administrator of the Risk Management and Insurance – Practice Specialty (2011-2013), is on the ASSE Risk Assessment Institute committee and is a member of the U.S. Technical Advisory Group for ISO 31000 Risk Management Guide and TC 262 Risk Management Implementation Guide. Jim is also Chair of the Hawaii Occupational Safety and Health Advisory Committee (2014). He has a BS in Environmental Safety and Safety Management from Indiana State University and is a Certified Construction Health and Safety Technician.

**Learning Outcomes:**

At the end of this session, attendees will be able to:

- Describe the fundamental elements of the risk register, prioritization and assessment methodology.
- Develop a basic risk register using a prioritization process and applying risk assessment tools to selected risks.
- Demonstrate a basic level of competency in the risk register, prioritization, and assessment process.



## 9<sup>th</sup> Annual

### Alaska Occupational Safety Summit Egan Convention Center, Anchorage, Alaska

**Session 20**

**3:00PM – 4:30PM**

**Presenter: Greg Lomax**

**Title: OELs: Square Shift, Round Exposure Limit .... How Do We Make Them Fit?**

In many workplaces, the standard eight hour work day no longer exists. Since the epidemiology for many occupational exposure limits (OELs) is based on 8-hour time weighted averages, OEL adjustments are often made for extended work shifts. This presentation will provide guidance on how to deal with exposure standards and extended work shifts. An overview of various work shift adjustment methods, with specific examples including their use and limitations, will be presented.

**Biography:**

Greg currently works full time as an HSE Advisor for ASRC Energy Services and part time as a Safety and Health Consultant for Beacon OHSS in Prudhoe Bay, Alaska. He has 14 years of health and safety experience in the following sectors: consulting firms, mining, Department of Defense, insurance, and oil and gas. Greg has a BS in Industrial Hygiene and General Chemistry from the University of Northern Alabama and is both a Certified Safety Professional and a Certified Industrial Hygienist.

**Learning Outcomes:**

At the end of this session, attendees will be able to:

- Recognize commonly used extended work shift occupational exposure limit adjustment methods.
- Relate the use and limitations of occupational exposure limit adjustment methods with specific 'real world' examples.
- Understand the importance and impact of proper occupational exposure limit adjustment on employees, employers, and safety professionals.



## 9<sup>th</sup> Annual

# Alaska Occupational Safety Summit

Egan Convention Center, Anchorage, Alaska

**Session 21**

**3:00PM – 4:30PM**

**Presenter: Paul Zoubek**

**Title: Electrical Safety NFPA 70E-2015 – A "Flash" Forward Overview of Standard Revisions**

For almost 4 decades, NFPA 70E (Standard for Electrical Safety in the Workplace) consensus standard has been the gold standard in worker protection from electrical hazards. It provides guidance on worker protection from arc flash and shock hazard during energized electrical work. In late 2014, NFPA will release the 2015 Edition of NFPA 70E. This presentation will highlight the standard revisions.

**Biography:**

Paul is President and Principal Consultant for Zoubek Consulting, LLC. As a nationally recognized electrical safety consultant, he provides expert advice in the areas of management and engineering control of electrical hazards for companies nationwide. Paul advises companies in the areas of engineering electrical hazard control, written electrical safety program development, and training and also provides services in the areas of machine safeguarding, hazardous energy control program development, auditing, and training, safety engineering, and industrial hygiene. His electrical safety articles have been published in ASSE's Professional Safety and AIHA's Synergist. Paul has a (BS or BA degree, MS/MBA if applicable) in X ?safety? X (from ABC University) and is both a Certified Safety Professional and a Certified Industrial Hygienist.

**Learning Outcomes:**

At the end of this session, attendees will be able to:

- Implement shock and arc flash protective measures based on changes to the code's revised personal protective equipment category tables.
- Comprehend revisions to approach boundary tables for shock protection.
- Align current electrical safety program implementation requirements with occupational and health management safety standards (ANSI Z10).
- Understand revisions to construction and maintenance requirements for ground fault circuit interrupters and outdoor work.
- Apply new risk assessment requirements associated with battery work.



## 9<sup>th</sup> Annual

# Alaska Occupational Safety Summit

Egan Convention Center, Anchorage, Alaska

### Session 22

3:00PM – 4:30PM

**Presenter: Ken Newby**

#### **Title: Measuring Your Risk Assessment Tool**

Participants in this session will review the types of risk that rapidly changing work environments are exposed to, with a focus on the mitigation of worker injury and the risk assessment tools, and how those tools can be quantifiably measured. As a group, the participants will perform an actual field level risk assessment, identifying the task, hazard, and control measures using photographs from construction sites. Participants will then score the field level risk assessment using a sample measurement score card. Participants will understand how weighting the scored elements can produce a more appropriate measurement of quality and also understand how a simple measurement tool can be used for nearly any safety activity to create a quantifiable and measurable metric.

#### **Biography:**

Ken is the Owner and Senior Safety Advisor at SafeTech Consulting Group, Ltd., Edmonton, Alberta. His 20 years of safety management experience includes pre-cast concrete, residential housing construction, sewer and water infrastructure, high-rise construction, worker's compensation insurance safety for high risk accounts, the Century Link sports stadium in Seattle, airport security upgrades, and industrial and power-plant construction, upgrades and shut-downs. Ken has taught Occupational Health and Safety courses at the University of Alberta, and is currently the co-Chair for the Advisory Committee for Northern Alberta Institute of Technology's Occupational Health and Safety Diploma Program. Ken has a BA in Business Administration- Finance from the (WSU) and is a Certified Safety Professional, a Canadian Registered Safety Professional, and designated as both an Associate in Risk Management, and Canadian Risk Management.

#### **Learning Outcomes:**

At the end of this session, attendees will be able to:

- Understand the hierarchy of risk assessments and their intent and benefits when conducted at the work task level.
- Recognize how field level risk assessments fit within the different risks in the construction industry.
- Perform a field level risk assessment.
- Score and measure completed field level risk assessments.
- Understand how a measurement tool can be customized for many safety activities.