



2019 Bay Area Safety Symposium Registration

Thursday, March 7, 2019

San Ramon Marriott, San Ramon, CA

8:30 AM – 9:30 AM

Welcome, Opening Remarks & Keynote Presentation

How Profound Knowledge Can Contribute To Safety Excellence

Darryl C. Hill, Ph.D., MBA, CSP

The session will explore the four areas of profound knowledge, including Principles of Variation, Theory of Knowledge, Systems Thinking and Psychology.

Learning Objectives:

1. Examine Systems Thinking and Profound Knowledge
2. Contrast Systems Thinking to Traditional Approaches
3. Describe how an OSH Professional can use Systems Thinking to improve Safety Performance



Darryl C. Hill, Ph.D., MBA, CSP, is currently Senior Vice President, Safety at FirstGroup of America. FirstGroup is the largest transportation services company in North America and the U.K. Also, Darryl has served in senior environmental, health, and safety roles at ABB, Johnson Controls, and Abbott. Hill is an adjunct assistant professor at Oakland University and serves on the EHS Program Industry Advisory Board.

Darryl served as American Society of Safety Professionals (ASSP) Society President during 2010-11 which was the 100th anniversary. He also received the highest Society honor as Fellow in 2013. Darryl is editor and contributing author for the ASSE Construction Safety Management & Engineering book. He is also co-editor for the ASSP (formerly ASSE) Safety Leadership and Professional Development book.

Breakout Session #1A 10:00 AM - 11:00 AM
Construction Track
Preparing For Violence In The Workplace
Steven Phillips, CSP

Workplace Violence (WPV) can happen anywhere and at any time, even in the within the Construction industry. OSHA requires employers to address this hazard. Gain an understanding of the primary elements of a WPV prevention program and which one(s) may be for your situation. Safely navigate the numerous WPV resources available – and which one(s) to start with first. This presentation includes a (brief) update on Cal/OSHA’s Workplace Violence Standard for General Industry Advisory Committee progress.

1. Define Workplace Violence (WPV) and how it relates to the Construction Industry
2. Discuss the primary elements of a WPV Prevention Program and Policy
3. Update on the status of Cal/OSHA Workplace Violence Standard for General Industry
4. Review the myriad of WPV resources available (and evaluate which one(s) may be right for you)



STEVEN PHILLIPS, CSP

BACKGROUND

Director of Safety and Health for Hensel Phelps Construction Co. – Northern California District since 2014. Also worked as Safety Manager, Safety Engineer, QC Engineer, and MEP Coordinator on various projects at Hensel Phelps since 2000. Holds CSP Certification and CHST (Construction Safety and Health Technician) Certification
Member of the Cal/OSHA Advisory Committee, employer/management representative
Vice Chair of the AGC-CA Safety and Health Council
Member of American Society of Safety Professionals

EDUCATION / NOTEWORTHY

Bachelor of Science, Civil Engineering, United States Military Academy, 1989
Masters of Science, Occupational Safety and Health, Columbia Southern University, 2010
Lieutenant Colonel, United States Army Reserve, Retired
2015 AGC Building Futures Award Recipient (Company Representative)

SPEAKING ENGAGEMENTS / OTHER

Co-Presenter – 2017 AGC-CA -Student Chapter/CLC Training Seminar – “Creating a Safety Plan for a Community Service Project”
Speaker – 2018 ASSP Professional Development Conference – “OSHA’s Respirable Silica Rule(s) for Construction”
Instructor - Chico State University AGC-CA Student Club - OSHA 10-Hour class (2015, 2016, 2018)

Breakout Session #1B 10:00 AM - 11:00 AM

HSE Management Track

How To Avoid Being Safe By Accident: Proactive Safety Leadership

Judy Agnew, Ph.D.

On the surface, many companies have what look like good safety records— logging months, often years, without incidents. But if an organization uses largely a reactive approach to managing safety, those incident-free streaks are often based, at least to some extent, on luck. The reactive approach is the default for most leaders. They react to exceptions—what went wrong, errors, violations of procedures, and at-risk behaviors. The alternative is more proactive safety management which focuses on strengthening those things that prevent incidents such as adherence to procedures, quality pre-task risk assessments, productive safety conversations, and improvements in safe behavior. This presentation will explore how to better equip leaders at all levels with the proactive safety leadership skills they need to improve safety performance and avoid being safe by accident. Six steps to safety leadership success will be discussed. The rationale for each will be provided along with tips on how to accomplish them.

Learning Objectives: Participants in this session will be able to do the following:

- 1) Describe the critical elements of proactive safety leadership.
- 2) Apply scientific principles of behavior to improve safety performance.
- 3) Use the six safety leadership tips presented to improve the impact of their own safety leadership.



Judy Agnew, Ph.D.
Senior Vice President, Safety Solutions
Aubrey Daniels International

Judy Agnew is a recognized thought leader in the field of behavior-based safety and safety leadership, and an expert consultant with more than 25 years of experience working with clients in a variety of industries to create behavioral interventions that ensure organizations are safe by design. As Senior Vice President of Safety Solutions at Aubrey Daniels International (ADI), Judy partners with clients to create behavior-based interventions that use positive, practical approaches to improve human performance. She has also authored articles for a variety of publications including Professional Safety, and has presented at major safety conferences, including the National Safety Council, ASSP, and Behavioral Safety Now, as well as industry and corporate events. Judy is the author of three books Removing Obstacles to Safety (with Gail Snyder), Safe by Accident? (with Aubrey Daniels) and A Supervisor's Guide to Safety Leadership.

Breakout Session #1C 10:00 AM - 11:00 AM
Ergonomics Track
The Growing Need For Vehicle Ergonomics
Scott M. Dillon, AEP

This presentation will outline current risk factors affecting drivers of large scale fleet ergonomics programs using injury and demographic data. A recent case study will be examined in detail and will identify the barriers, successes, and future needs of vehicle ergonomics programs. Additionally, factors that affect the implementation of a vehicle ergonomics programs will be discussed to provide a framework for what make a program like this successful.

A return on investment calculation will be presented to demonstrate the significance of a successful program, as well as strategies for shifting the overall approach from reactive to proactive. Last, the solutions and lessoned learned from multiple perspectives and shareholders will be discussed to highlight the most valuable insights for creating a vehicle ergonomics program or scaling growth with existing framework.

Learning Objectives:

1. Examine current risk factors affecting drivers
2. Review and evaluate case study of most recent vehicle ergonomics program at Biopharmaceutical company with ROI and injury prevention data
3. Identify solutions for vehicle ergonomic issues and valuable insights for implementing a program



Scott M. Dillon, AEP
Associate Consultant
BSI EHS Services and Solutions

Scott Dillon is an Associate Consultant with a Bachelor's degree in Psychology emphasizing human factors and ergonomics. He specializes in workplace ergonomics and construction safety. In his previous roles, he has consulted for international railways and provided risk assessments for engineering and

construction firms.

Scott has refined his experience in safety and applied it to the discipline of ergonomics in order to prevent workplace injuries, minimize risk, and improve employee efficiency with comprehensive ergonomic assessments, developing and administering onsite ergonomics training, and global ergonomics program management.

He has also redesigned the college classroom using ergonomic principles, developed original presentations on ergonomics and safety, and performed high level ergonomics evaluations for a wide array of clients in biopharmaceutical, technology, and hospital industries.

Breakout Session #1D 10:00 AM - 11:00 AM
Regulations / Industrial Hygiene Track
Updating The Cal/OSHA Lead Standards
Lorene Alba, AE-C & Nina Townsend, MPH, CSP, CIH

This presentation will discuss the current trends in workplace lead exposure, the proposed new requirements in the Cal/OSHA lead standards discussion drafts, and best practices for lead health and safety.

Learning Objectives:

1. Proposed new requirements in discussion drafts
2. Best practices for lead health & safety
3. Current trends in workplace lead exposure

Lorene Alba is the Health Education and Communications Specialist for the Occupational Lead Poisoning Prevention Program (OLPPP) with the California Department of Public Health. After graduating from Johnson & Wales University with a degree in culinary arts, she worked in and owned three restaurants. After several years in the culinary world, Lorene changed careers and became a health educator. Over the last 10 years, Lorene has become an expert in developing web-based and in-person curricula for people living with chronic disease. Before joining OLPPP, including the American Lung Association's signature program Asthma Basics, and Lungtropolis, an online game for children and parents to learn about asthma. Lorene has extensive experience in developing train-the-trainer curricula for non-licensed health educators, as well as licensed health care providers. She is a top content contributor and moderator for Health Union. Since joining OLPPP she has developed and presented curricula for day laborers who may be exposed to lead and health care providers, redesigned communication products to incorporate health literacy, and is currently developing outreach and educational materials for the new proposed lead standards.



Nina Townsend recently joined Cal/OSHA as an Associate Safety Engineer in the Oakland District Office. She has an undergraduate degree in Biology from the Brown University, a Master of Public Health degree from the University of California at Berkeley, and is a Certified Industrial Hygienist and Certified Safety Professional. After completing the MPH, Townsend spent six years as an Industrial Hygienist and Safety and Health Specialist at Chevron supporting operations in various parts of the U.S., Central and South America, and Angola, in West Africa. Townsend then joined the California Department of Public Health in December of 2016 to lead California's Occupational Lead Poisoning Prevention Program. She started at Cal/OSHA in January.

Breakout Session #2A 11:30 AM - 12:30 PM
Construction Track
California's Safety History 1911 And Beyond
Robert E. Downey, CPP, CSP

Governor Hiram Johnson initiated California's entry into the safety field by establishing the industrial accident commission and creating the predecessor to our existing Cal OSHA. Under his influence numerous groundbreaking safety initiatives began in California and spread throughout the US.

Learning Objectives:

1. Improve awareness of California's contributions to current safety standards
2. Demonstrate long term impacts of early safety activities on safety performance in CA and US
3. Recognize and applaud work by those on whose shoulders we stand including the CA Safety Society



Robert E. Downey CPP, CSP
Owner
RED Consulting

Bob Downey is the owner of RED Consulting, a safety services company focusing on construction. Bob has more than 45 years of safety experience including manufacturing, nuclear plants, and construction. He's an instructor with the OSHA Training Institute, UC San Diego and previously served as adjunct professor in safety and systems management at USC.

Breakout Session #2B 11:30 AM - 12:30 PM
HSE Management Track
People Are The Solution
Ron Gantt

Safety is inherently about people. People taking actions to care for themselves and others. It's unfortunate then that so much of safety management seems to treat people as a hazard to control. We take the stance that safety is about "protecting you from you, in spite of you." And then we wonder why there is so much mistrust and disengagement in organizations. What if there was a different way? This presentation will present an alternative perspective on the role of people in organizations and safety - people as the solution. This isn't saying that people are perfect. Instead, by actively creating the conditions where people thrive we not only make things safer, but we also achieve other organizational goals as well.

Learning Objectives:

1. Define the effect our beliefs about the role of people in organizational safety have on safety performance.
2. Identify the realities of organizational life and how those influence human performance.
3. List ways to create safety programs that not only avoid the worst but that also bring out the best in people.



Ron Gantt
Director of Innovation & Operations
Reflect Consulting Group

Ron Gantt is Director of Innovation & Operations at Reflect Consulting Group, a management consulting firm located in San Ramon. He has 17 years experience working with large and small organizations in industries such as construction, utilities, biotech, and chemical manufacturing. Ron has undergraduate degrees in safety and psychology and a graduate degree in safety engineering. He is a Certified Safety Professional and a Certified Environment, Safety and Health Trainer. Ron is also owner and contributor at SafetyDifferently.com.

Breakout Session #2C 11:30 AM - 12:30 PM

Ergonomics Track

Using Participatory Ergonomics To Reduce Injuries In Healthcare

Amish Waland, MBA, CSP & Elise Condie, M.S., CPE

This presentation describes Kaiser Permanente's approach to improving ergonomic hazard awareness and risk management by engaging front line supervisors and employees in a participatory ergonomics program. You will learn about the approach taken, program structure, successes and challenges, as well as see examples of some engineering solutions that employees developed and implemented. Sites were able to reduce injury rates by up to 39% in a 12 week period.

Learning Objectives:

1. What is participatory ergonomics? (PE)
2. How to implement a PE program
3. What makes a PE program successful



Elise Condie, M.S., CPE
Ergonomics Practice Lead
BSI EHS Services and Solutions

Elise is the Ergonomics Practice Lead at BSI, where she leads a team of ergonomists to help organizations reduce injury rates and maximize the engagement and productivity of workforces across the US. She has more than 15 years of multi-industry experience spanning transport and logistics, the maritime industry, high voltage electrical transmission, and underground mining. She holds a Bachelor of Physiotherapy and a Masters in Occupational Health and Safety. Elise is a Board Certified Professional Ergonomist.



Amish K Waland, MBA, CSP
Safety Operations Leader
Kaiser Permanente

Amish is the Safety Operations Leader at Kaiser Permanente Medical Center in Antioch. He manages all environmental, health, and safety programs for the facility, and works with his many stakeholders to reduce injuries, improve reliability of the safety management system, engage supervisors and employees, and foster a culture of safety at the medical center. He holds a Masters in Business Administration and a BS in Biochemistry. He is a Certified Safety Professional.

Breakout Session #2D 11:30 AM - 12:30 PM
Regulations / Industrial Hygiene Track
The Challenge Of Evaluating Removable Indoor Contamination
James Kapin, CIH

EH&S professionals are frequently asked to measure indoor surface contamination in order to evaluate the potential for worker exposure, to verify the effectiveness of control measures or to determine whether a structure is “clean” after use of hazardous materials has been discontinued. Unfortunately, there is little regulatory guidance to determine how clean is clean.

- OSHA regulations (where applicable) require areas to be “as free as practicable” of removable contamination, without providing a definition of that term.
- Environmental regulations have been established for soil and other media, but those standards do not apply to indoor areas.
- Other commonly used approaches, including HUD levels for lead and DOE beryllium standards are limited in scope and difficult to apply to other contaminants.

This presentation will discuss several commonly used approaches for evaluating indoor contamination, will evaluate their strengths and weaknesses and will provide EH&S professionals with the tools to select a method of evaluation that is appropriate for their project or situation.

Learning Objectives - Attendees will be able to:

1. Describe the facility decontamination process, from initial evaluation through development of a clean-up plan to preparation of a closure report.
2. Establish clean-up levels and prepare a work plan that addresses different regulatory and professional approaches
3. Develop an appropriate sampling strategy, evaluate decontamination activities using surface wipe samples and prepare a report documenting results.



James Kapin, CIH

James Kapin is the Manager of EM Services for ACT Environmental, based in San Diego, California. He has over 25 years of experience providing health, safety and environmental consulting and regulatory compliance services. His specialties include exposure assessment, EH&S program management, mold and indoor air quality, hazardous materials spill response as well as OSHA and environmental compliance. Mr. Kapin is a Certified Industrial Hygienist and earned a Masters of Public Health degree with an emphasis in Occupational Health from SDSU

Mr. Kapin is a Certified Industrial Hygienist – CIH with over 25 years of professional experience.

Mr. Kapin has a Masters of Public Health (MPH) with an emphasis on Occupational Health from SDSU and a Bachelor’s degree in Biochemistry and Cell Biology from UCSD.

Affiliations:

- Manager of EM Services at ACTenviro
- Member of AIHA and San Diego Local AIHA Section
- Member of ABIH

Breakout Session #3A 1:30 PM - 2:30 PM
Construction Track
You're Only As Safe As Your Worst Contractor
Phil La Duke

In 2018 ERM conducted a Global Safety Survey of 120 global companies, in 20 countries, representing \$4.3 Trillion in revenues, and 6.8 million employees. The respondents shared many concerns in the difficulty in maintaining a safe workplace when using contractors. This session will explore the challenges and offer considerations for better managing contractors.

Learning Objectives:

1. Instruction on their companies' liability for safety incidents by their contractors
2. Advice on how to effectively Improve contractor performance in safety
3. Tips for ensuring contractors' competency in safety



Mr. Phil La Duke is a principal consultant Environmental Resources Management (ERM) a London, England-based global company that is the world's leading sustainability consultancy where he works with on large-scale organizational change programs primarily in worker safety. He has 28 years of experience in the fields of Worker Safety, Organizational Development, Process Improvement, Cultural Change Implementation, and Training.

While La Duke's presentation style uses humor to engage the audience and to help them retain key points, doubting his resolve would be a grave misjudgment. Having lost both grandfathers, a great uncle, a family friend, and a childhood acquaintance to workplace fatalities, his father to mesothelioma, and his brother-in-law to silicosis, Phil's passion for worker safety runs deep.

Phil La Duke is an internationally renowned executive consultant, safety expert, speaker, blogger, trainer, and business author. He frequently guest lectures at universities including presentations at Tulane, Loyola, the University of Michigan, Johns Hopkins, and Wayne State Universities. Mr. La Duke sits on the Wayne State Biomedical Safety Board. Mr. La Duke is the author of a popular weekly blog on performance assurance topics www.philladuke.wordpress.com. He also guest blogs on the popular Australian blog www.safetyrisk.au.com and the prestigious www.monsterTHINKING.com.

Phil La Duke has over 300 published works in print including two popular books, including two books, *I Know My Shoes Are Untied*, *Mind Your Own Business: An Iconoclast's View of Safety*, and *Lone Gunman: Rewriting the Handbook On Workplace Violence Prevention* and he has contributed content to numerous notable magazines and is published on all inhabited continents. Mr. La Duke's take-no-prisoners style garnered him positions on *Industrial Safety* and *Hygiene News (ISHN)* magazine's Power 101 (a list of the world's most influential people working in worker safety) and its list of *Up and Comers in Safety Thought Leadership*.

While Mr. La Duke was the lead researcher for ERM's groundbreaking Global Safety Survey, he is far from an academic or theoretician; while La Duke has researched and authored hundreds of articles (that are eligible for citation in academic and scientific works) he has have worked in safety at all levels from the shop floor, oil field, mine floor, to the executive suite for over 30 years.

Phil La Duke has implemented safety improvements in the oil & gas, automotive, heavy truck, logistics, aerospace, healthcare, construction, transportation, and entertainment industries. For over 20 years, Mr. La Duke has worked with C-level executives crafting and executing major change strategies including:

- Observation Based Safety
- Culture Change and Post Merger Integration
- Risk- and Injury-Reduction Strategies
- Worker Safety improvement intervention
- Leadership engagement strategies

Breakout Session #3B 1:30 PM - 2:30 PM

HSE Management Track

Safety Event Reporting: A Comprehensive Safety Reporting System

Sarah Bogner, CSP

One key to an effective safety program is incident and near miss reporting. But what exactly is a near miss? And how can we explain the importance of reporting small incidents to employees? Overcoming barriers to reporting, making the reporting process work for employees, and creating a system that allows both tracking and completing action items are keys to making a reporting program effective. Come hear a case study from Contra Costa Water District, and their recent implementation of a comprehensive safety event reporting system which has increased the number of events reported, reduced the time to correct incidents, and increased communication across their workforce. This reporting system integrates safety suggestions, near misses, and accident reports into an all-in-one form, streamlining the incident reporting process, cutting down on the amount of forms for employees and supervisors to complete and making the process more efficient.

Learning Objectives:

1. Examine the components of effective safety event/incident reporting system
2. Identify the barriers to implementing an safety event/incident reporting system
3. Discuss the process for improving effectiveness of an event/incident reporting system



Sarah Bogner, CSP

Sarah Bogner, CSP, is the Manager of Health and Safety at Contra Costa Water District and loves helping people make their work safer, more efficient, and adaptable to change. She has spent the majority of her career in the water industry, focusing her safety efforts on areas such as change management, program development, and employee engagement. She has created successful safety programs in the areas of near miss/event reporting, ergonomics, confined space, silica, asbestos, and others. She is a graduate of the University of San Francisco, where she received a BA in

Environmental Studies, and a MS in Environmental Management. While safety is her primary job function by day, Sarah also enjoys spending time outdoors with her family.

Breakout Session #3C 1:30 PM - 2:30 PM

Ergonomics Track

Accommodating Employees Returning To Work After Injury

Donna Abts, P.T., CEES

Reasonable accommodation is a modification or adjustment to a job, the work environment, or the way things are usually done during the workday by the employee. Employees who are injured may need accommodation in order to heal. This presentation takes you through the aspects of the injury and healing process to maximize the recovery and return to full duty.

Learning Objectives:

1. Tracking injury and recovery process
2. Work restriction or Work Status Report, what it means and how to implement
3. Importance of cross functional relationships in employee recovery
4. How to facilitate return to work process



Donna Abts P.T., CEES
Ergonomic Program Manager
The Clorox Company

Donna Abts is a physical therapist and certified ergonomic evaluation specialist. She has been The Clorox Company Ergonomic Program Manager for the past 19 years providing support to R&D, Plant and Office locations throughout the US, Canada and Puerto Rico. In her position she has been responsible for working as part of the HS&E team, acting as the liaison between Clorox and the Occupational Health Provider, Workers Comp administrator, HR and the employee's managers.

Donna's primary focus is injury prevention but when an injury occurs she provides coordination for restrictions or return to work. Accommodation is a significant part of the employee's recovery process and takes into consideration the work environment and essential job functions.

Breakout Session #3D 1:30 PM - 2:30 PM
Regulations / Industrial Hygiene Track
Wildfire Residues Impact Assessment –
A Case Study From The 2017 Northern California Fires
Xavier Alcaraz, MSPH, CIH, CSP

A case study will be presented that reviews how BSI supported the County of Sonoma with performing a wildfire residues impact assessment of its facilities following the Northern California wildfires that occurred in October 2017. The largest of the wildfires (Tubbs) and smaller fires including the Nunns, Patrick, and Atlas were within close proximity to many Sonoma County properties and buildings. Combustion byproducts from wildfire are a complex mixture of particulates and gasses that may include carbon monoxide, carbon dioxide, nitrogen oxides, polyaromatic hydrocarbons, trace minerals, and particulates. The particulates produced by wildfires can be further classified as char, soot, and ash. BSI developed an assessment strategy for the County of Sonoma and performed comprehensive sampling assessments of potentially impacted County of Sonoma facilities. Based on the sampling results and other risk factors, cleaning and restoration of impacted buildings was performed followed by verification sampling to validate the effectiveness of cleaning. The presenter will review the risk assessment approach and sampling strategy adopted for the study, sampling methods, interpretation of sampling data, and cleaning/restoration strategies. The presenter will also review the new 2017 AIHA Guide for Wildfire Assessment and provide recommendations for minimizing the business interruption and EHS impact of wildfires to your facilities and operations.

Learning Objectives:

1. Contrast the pros and cons of performing testing for wildfire residuals
2. Examine the presenter's methods used for assessing the level of impact of wildfire residuals to buildings
3. Identify actions to adopt to minimize the impact of wildfire residuals to buildings



Xavier Alcaraz, MSPH, CIH, CSP
Principal Consultant
BSI

Xavier Alcaraz is a Principal Consultant and West Region Safety Practice Leader for BSI. He has a Master of Science degree in industrial hygiene and safety from the University of Washington and is a Certified Industrial Hygienist and Certified Safety Professional. He has over 20 years of professional experience in industrial hygiene, safety, and building science disciplines, and has a long track record of successfully managing technically complex projects and accounts. He provides consulting services to a multitude of industries including municipal agencies, electronics, semiconductor, government, construction, traditional manufacturing, and life sciences in North America and globally.

Breakout Session #4A 3:00 PM - 4:00 PM
Construction Track
The Role USA North 811 Plays In Construction
Anthony Headley & James Wingate

This presentation will discuss the origin of USANorth811 call center, the call center's role in construction safety, how to recognize and interpret markings on the ground, and resources to mitigate risks to the excavator, public and utility companies.

Learning Objectives:

- 1) Understanding of USA Role
- 2) Resources of safe digging
- 3) Additional resources for safe excavation



Anthony Headley has been in the safety industry for 27 years. Responsibilities have included both general industry and construction. He currently serves as Vice President of Safety for West Valley Construction Company, an underground contractor, headquartered in Campbell, CA. He serves on the executive board of USANorth811, Member of the Standards Committee for both National and State Regional Common Ground Alliance Associations, and vice chair of the United Contractors Insurance and Safety Committee. He attended Stanislaus State and OSHA training institute.



James Wingate is the Executive Director at USA North 811 since his hiring in June 2017. He previously worked for Blue Stakes of Utah 811 for 17 years. His educational background includes a bachelor's degree in geography from the University of Utah and a master's degree in public administration from Brigham Young University.

Breakout Session #4B 3:00 PM - 4:00 PM
HSE Management Track
Supersonic Safety - A Pilot's Guide To Reducing Human Error
Jack Becker

Jack will introduce a simple process that the world's best fighter pilots use to reduce human error and truly get better each and every day. By using the skills of Crew Resource Management (CRM) and briefing and debriefing, Jack will uncover how each member of your organization can repeat successes and not repeat failures.

Learning Objectives:

1. Identify threats and errors and how to mitigate them.
2. Apply Crew Resource Management (CRM) skills to every industry.
3. Quickly and efficiently brief and debrief to repeat your successes and not repeat your failures.



Jack Becker
Founder, CEO
Flight Level Solutions, Inc.

Jack Becker is a human performance, teamwork, and efficiency professional whose years of expertise inspired him to found Flight Level Solutions, Inc. Jack has successfully adapted the same peak human performance skills that made him successful flying combat missions in the F/A-18 Hornet, to training companies striving to perform at fighter pilot levels. He served as a carrier-based F/A-18 Hornet and Super Hornet fighter pilot, instructor pilot, landing signal officer, quality assurance officer, and crew resource management instructor. Jack has over 2,000 hours flying supersonic fighter jets, and brings the same passion and excitement to each keynote speech he delivers. He is a decorated combat veteran having flown strike missions in Operation Iraqi Freedom, and has graduated from the U.S. Navy Crew Resource Management (CRM) School.

As one of the Navy's most highly decorated Landing Signals Officers (LSO), Jack was instrumental in incorporating using CRM to help pilots quickly improve while landing supersonic fighter jets on aircraft carriers. He was responsible for over 21,000 mishap free carrier landings. Jack's unique experience as both an LSO and as the Navy's top CRM instructor, he saw an opportunity to relay the same skills of Brief-Execute-Debrief-Improve to the American workplace. From healthcare groups, to manufacturing, construction, and insurance firms, Jack's dynamic seminars have made a lasting impression. Within all seven regions of GE Power and Water alone, Jack's program has reduced OSHA recordable mishaps over 60%.

Jack earned a BS in Political Science with emphasis on organizational leadership from the U.S. Naval Academy in Annapolis, Maryland. Currently he serves part time as an F/A-18 Hornet and Super Hornet instructor pilot in the U.S. Naval Reserve.

Breakout Session #4C 3:00 PM - 4:00 PM
Ergonomics Track
Safe Patient Handling
Tina Cortez

Stanford Health Care is an internationally renowned health system that is on the leading edge of health care research, innovation, and delivery. Our Safe Patient Handling program has a bold vision for creating a “Culture of Safety” which includes lift assistance, equipment, and education. This session will explore how 5S & visual systems were applied to the soiled utility rooms to support the environment of care and how “Defensive Mobility” course changed the way the Nursing Float Pool Nursing Assistants handle patients in a careful manner avoiding risky situations

Learning Objectives:

1. Outline ways to implement 5S Lean principals to create an organized and safe environment.
2. Describe how to develop a team-based approach to patient handling injuries
3. Identify and leverage existing resources



Tina Cortez
Manager, Safe Patient Handling
Stanford Health Care

Tina Cortez has been at Stanford for more than eighteen years, first as ED Coordinator in Guest Services, then progressing through Navigation Services as Supervisor, Assistant Manager then Manager. As Manager, she led a team of 67 staff and 129 volunteers/interns. Most recently, Tina functioned in the Senior Leadership Development Program based in the Performance Excellence Department where she coached/facilitated multiple projects including High Value Care, Radiology Improvement, and Ortho/Neuro Spine initiatives. Tina has certificates in Patient Health Navigation from Colorado University and Advanced Project Management from Stanford University. Tina’s background as an EMT and trainer provides her with insight related to ergonomics and body mechanics, two areas that are closely related to Safe Patient Handling strategies. Tina is tasked with managing the daily operations of Stanford’s Safe Patient Handling program, including education/training, Unit Champions, Lift Coaches, and injury investigation/prevention.

Breakout Session #4D 3:00 PM - 4:00 PM
Regulations / Industrial Hygiene Track
Worker Safety: “Lesser-Known” Respiratory Diseases
Common To California
Rick Hamaker, CIH, CSP

The air that you breathe could be making you sick. Occupational lung disease can be caused by exposure to a variety of workplace substances and conditions. In this presentation we will discuss the “lesser-known” occupational lung diseases and the conditions that may cause them. These diseases include Valley Fever (Coccidioidomycosis), Legionnaires', Hanta Virus, Asthma, Bronchitis and Emphysema. Though the government and industry have taken steps in recent years to help protect workers, the dangers still exist.

Learning Objectives:

1. Discuss occupational lung diseases and their cause as related to exposure to workplace substances/conditions.
2. Identify the “lesser-known” occupational lung diseases and the conditions that may cause them, commonly found in California.
3. Learn about current activity of Valley Fever (Coccidioidomycosis), Hanta Virus, and Asthma, Bronchitis and Emphysema related to smoke inhalation.



Rick Hamaker, CIH, CSP
Instructor
OSHA Training Institute Education Center at
Chabot-Las Positas Community College District

Rick has over 40 years in occupational safety and health. He is a certified industrial hygienist (CIH) and certified safety professional (CSP). His career began as an OSHA Compliance Officer – industrial hygienist visiting small industry, primary and secondary steel mills, primary and secondary copper smelters. For several years, he provided industrial hygiene oversight of the Arizona Division of Occupational Safety and Health (ADOSH) program.

After a move to Southern California, Rick was the corporate safety manager for industrial hygiene at Southern California Edison until his recent retirement. Currently, he is an OSHA Authorized Trainer for General and Construction Industry and teaches several subjects with the OSHA Training Institute Education Centers at ASU and Chabot-Las Positas Community College District.