



## 2020 Bay Area Safety Symposium

Wednesday, March 4th, 2020

San Ramon Marriott, San Ramon, CA

### **8:30 AM – 9:30 AM - Welcome, Opening Remarks & Keynote Presentation Driving Workplace Safety And Health In A World Of Innovation Laurie Muse Shelby, CIH, CSP, M.S.**

Innovation and a rapidly changing pace are part of a dynamic work environment. Laurie Shelby, Vice President, EHS, Tesla, will share how safety and health can be integrated with innovation by designing EHS into products, implementing critical controls while integrating human and organizational performance principles. Using software to protect service and delivery personnel, changing product designs to make them more ergonomically friendly to build and service, and driving focus to controls in the workplace that allows “safe failures” are a few areas the presentation will address. Innovated thinking on how companies and safety and health professional measure safety and health success is also key to driving the right improvements.

#### Learning Objectives:

1. Apply Health and Safety factors to product design
2. Use innovation to improve health and safety
3. Evaluate the right measures for success



#### **LAURIE MUSE SHELBY, CIH, CSP, M.S. Vice President- Environmental, Health and Safety (EHS) Tesla, Inc.**

Laurie Shelby joined Tesla Inc. as their EHS Vice President in October 2017. She leads worldwide EHS for approximately 45,000 employees in the automotive, energy, and sales, service, delivery operations.

Previously, she was the EHS Vice President for Alcoa Inc. where she led the global EHS process for approximately 15,000 employees in the mining, refining, smelting, and rolling operations. Prior roles at Alcoa included EHS Director for United States primary aluminum operations and EHS global audit Manager.

Laurie is active in the American Society of Safety Engineers (ASSE) and is a sub-committee led for the Health and Safety Management System (Z10) fatal and serious injury reduction team. Laurie is a human and organizational performance expert known for her new view thinking to improve safety.

Laurie is active in the American Lung Association and serves on the western regional board.

Laurie completed her bachelor's degree in chemistry from Radford University. She earned her master's in industrial hygiene/Biomedical Engineering from Virginia Commonwealth University/Medical College of Virginia. Laurie is also a Certified Safety Professional (CSP) and Certified Industrial Hygienist (CIH).

Prior to joining Alcoa and Tesla, Laurie worked as an EHS consultant in the Washington DC area where she led numerous federal environmental projects and Superfund site cleanups. She also worked for Dominion Energy as an industrial hygienist.

Laurie and her husband, Joe, live in Alameda California but they are both native Virginians. She has 2 daughters, one who is working on her Environmental Science Masters at University of Virginia and the other is in law school at Dickinson - Penn State.

**Breakout Session #1A - 10:00 AM - 11:00 AM**  
**Construction Track**  
**The Role USA North 811 Plays In Construction Safety**  
**Anthony Headley & Collin Miyadi**

Origin of USA North 811 call center, call center's role in construction safety, how to recognize and interpret markings on the ground, resources to mitigate risks to the excavator, public and utility companies.

Learning Objectives:

1. Recognize risks to employees, public, and infrastructure
2. Understand mitigation resources when developing JSA's
3. Interpreting the nomenclature of the underground utility community



**Anthony Headley**  
**Vice President of Safety**  
**West Valley Construction**

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.



**Collin Miyadi**  
**Marketing & Education Director**  
**USA North 811**

Collin Miyadi is the Marketing & Education Manager at USA North 811, the regional Call 811 center serving Northern & Central California, and the entire state of Nevada. He has been at the organization since 2011 and is responsible for educating various stakeholders on state excavation laws and safe digging practices. He is an active member of the Common Ground Alliance (CA, NV, and National chapters) and One Calls of America. He received a bachelor's degree in Organization Communication from Assumption College (Worcester, MA) and currently resides in Concord, CA.

**Breakout Session #1B - 10:00 AM - 11:00 AM**  
**Human & Organizational Performance (H.O.P.) Track**  
**Six Lies Safety Pro's Believe About Work**  
**Ron Gantt, M.Eng, CSP, CIT**

Work is an integral part of what safety professionals do. Every control measure, every training, every policy, every intervention is designed to change and influence how people do work. It is surprising then how little time safety professionals dedicated to understanding work. We spend so much time talking about new regulations, new hazards, new risks, new policies, new technologies, new behavioral interventions, but hardly any time trying to understand the most basic human experience of how people interact with their jobs. Given that everything we do springs from, affects, and is affected by work, this is a bit surprising.

Of course, the lack of focus on work makes sense when you remember that we all do work. We experience it every day, so how could we misunderstand something we are so familiar with? But this is precisely what has happened in the safety profession. Familiarity has bred a lack of curiosity, which has led to the acceptance of many false beliefs about what it takes to get work done in organizations. This presentation will identify six lies that many safety pros believe about work without questioning. These include lies such as “we manage safety,” “work is easy,” and “habits are good and complacency is bad.” We will discuss why these and other beliefs are false and how we can correct our understanding of work to improve safety and operational performance.

**Learning Objectives:**

1. Describe the importance to safety performance of understanding how work gets done.
2. List beliefs that safety professionals hold that are inhibiting improvement.
3. Describe how to revise those beliefs to build safety and operational excellence.



**Ron Gantt, M.Eng, CSP, CIT**  
**Director of Innovation & Operations**  
**Reflect**

Like so many others, Ron fell into the safety profession unintentionally. He took what was supposed to be a temporary job inspecting safety equipment in 2001. Quickly though he became more interested in safety as a career though so he took steps to increase his knowledge and skills. He did this through the normal methods, learning about regulatory requirements, getting an undergraduate degree in OSH and a graduate degree in safety engineering, and even becoming a Certified Safety Professional. But almost a decade ago he grew frustrated with the traditional approaches to safety management. They seemed to be getting diminishing returns in an increasingly complex world, while often inadvertently disrespecting those the safety profession was meant to serve – workers. He started studying new approaches to safety, organizations, and people based in social science and systems thinking. Now he is Director of Innovation and Operations at Reflect Consulting where he works with organizations to release the adaptive potential of people to improve work. He specializes in safety management systems, leadership, culture, and human factors.

**Breakout Session #1C - 10:00 AM - 11:00 AM**  
**Ergonomics Track**  
**How To "Lean-Up" Your Ergonomic Process**  
**Alison Heller-Ono MSPT, CDA, CASp, COESp, CIE, CPE**

Many employers using an ergonomics process have consistently yielded excellent return on investment demonstrating the power of ergonomics as an organizational change management process. Having a comprehensive Ergonomics Process is a proven prevention and workers' compensation management strategy effectively minimizing musculoskeletal claims over time. But how did they do it? To maximize the benefit of ergonomics as a change driver, the gaps, structure and roles must be clear to all. Come take our "One-Minute Ergonomics Process Audit" and learn how to put together a, "best in class", lean process approach to achieving reductions in workers' compensation claim filing, productivity improvement, and employee satisfaction through engagement in your ergonomics process. Alison will share her 25 years of strategy, tactics and proven outcomes in this insightful presentation.

**Learning Objectives:**

1. Integrate lean process design principles into your ergonomics process.
2. Boost employee accountability through participation in your ergo process.
3. Transform your organization when you implement the 6 phases every ergo process should possess for great results.



**Alison Heller-Ono MSPT, CDA, CASp, COESp, CIE, CPE, and Certified Management Consultant®**  
**President and CEO**  
**Worksite International, Inc.**

Alison Heller-Ono, President/CEO of Worksite International, Inc., is passionate about how people work! As an entrepreneur and bold thought leader in the ergonomics marketplace, Alison has sought to keep employees healthy while helping injured employees reach their maximum potential at work.

Ms. Heller-Ono's 32 years of experience as a licensed Physical Therapist combined with her dual credentials as a Certified Industrial Ergonomist (CIE) and Certified Professional Ergonomist (CPE) and as a Certified Disability Analyst gives her an edge in helping employers better understand work-related musculoskeletal disorders and identify the root cause of these injuries through biomechanical analysis while finding reasonable accommodation.

As a Certified Management Consultant (CMC), she has sealed her professional uniqueness by becoming the only PT/Ergonomist/Disability Analyst to achieve this pinnacle in the management consulting industry.

Alison has a large body of work in organizational ergonomics she has published and presented nationally and internationally since 1993 to assure validation in the methods and theories utilized by Worksite International, Inc. Alison recently launched the Worksite International Ergonomics Training Academy featuring online classes targeted for employees and professionals to learn all about ergonomics, the Worksite International way. The Academy offers professional certifications as a Chair Assessment Specialist (CASp) and as a Certified Office Ergonomics Specialist (COESp).

**Breakout Session #1D - 10:00 AM - 11:00 AM**  
**Regulations / HSE Management Track**  
**Review Of Newest Title 8 Regulations**  
**Nick Gleiter, CIH**

This session will cover the newest Title 8 Regulations including recordkeeping, high risk industries, where to report and protection from wildfire smoke.

**Learning Objectives:**

1. Recognize if you are covered by the regulation
2. Learn how to come into compliance
3. Learn why the regulation is needed



**Nick Gleiter, CIH**  
**Area Manager**  
**Cal/OSHA Consultation Services**

Nick Gleiter is an Area Manager with Cal/OSHA's Consultation Services Unit in the San Francisco Bay Area. He is formerly the District Manager of the Oakland Enforcement office where he oversaw thousands of cases, and before that, an Industrial Hygienist and Safety Engineer when he investigated hundreds of accidents, complaints and referrals from outside agencies in southern and northern California. He received his Master of Science degree in Safety and Health from the University of Southern California and has been a Certified Industrial Hygienist since 2002. He is a lifelong learner and supplements his studies with seminars, retreats and stacks of non-fiction books.

**Breakout Session #2A - 11:30 AM - 12:30 PM**  
**Construction Track**  
**Leading Indicators For Construction Safety & The 7P's**  
**Bill Stettiner, CHST**

Leading Indicators for construction safety & the 7Ps (or how I learned to stop worrying & embrace success)

Leading indicators are a powerful and misunderstood tool that can ensure success when properly implemented to gauge progress and record adherence to any given plan. Leading indicators are used across all disciplines to assist in all manor of projects and programs. The use of the 7Ps process can ensure success on any project, program or task. By combining the 2 ideologies we can meet any reasonable exit criteria.

Learning Objectives:

1. Identify & apply criteria for successful identification of leading indicators.
2. Utilize the 7P process to ensure successful implementation of leading indicators
3. Examine how leading and lagging indicators work together to ensure success
4. Define and implement both leading and lagging indicators for a simple transferable use case



**Bill Stettiner, CHST**  
**Safety Malcontent**  
**Uncle Bill The Safety Guy**

Bill spent over 10 years as a business process project manager providing services and solutions to fortune 500 corporations. He is known for workflow analysis, engineering, design and change management innovation in challenging environments.

Bill has been providing instruction on technical and non-technical subjects to audiences in the military, fire service and corporate America. He is an energetic and engaging teacher.

Bill has published both short stories and poetry, he has served in the Marines, National Guard, fire service and has performed leadership roles in three non-profits. Last year he actively participated in the OSHA leading indicators working group in Washington D.C..

In 2000, Bill finished 3rd in the small boat division of the single-handed transpac (San Francisco – Hanalei) on a 25 foot sailboat.

**Breakout Session #2B - 11:30 AM - 12:30 PM**  
**Human & Organizational Performance (H.O.P.) Track**  
**Organizational Learning - When Does It Start And When Does It End**  
**Dr. Sahika Korkmaz & Chelsea Miller**

The presentation aims to share Chevron's experience with implementation operational learning. The team will discuss the shift in corporate thinking and what happens when a business starts focusing on operational learning and start understanding how work actually happens.

**Learning Objectives:**

1. The overarching goal of operational learning is to build a culture of safeguard verification. Such a culture is in an endless pursuit to understand how normal work gets done in the field and how to verify safeguards. This requires a shift in thinking in how we engage, ask questions and respond. When the business focuses on operational learning, we can more easily identify and fix the vulnerabilities in our safeguards.
2. This presentation will share Chevron's operational learning journey to understand the blue line - or in other words, to understand how work actually happens. Why do we want to learn about how work actually happens? When we understand the blue line, we're able to strengthen our safeguards and increase our capacity to fail safely. Fatality prevention starts with ensuring safeguards are in place and functioning effectively.
3. This presentation will discuss how operational learning takes many forms, with a variety of different tools. Learning requires processes that support both proactive and systematic approaches and integration into operations with the specific intent to strengthen safeguards and mitigate risk.



**Sahika Korkmaz, Ph.D.**, Human Performance advisor, Chevron Complex Process Facilities. Sahika has 15+ years of human factors engineering experience with designing and implementing processes that support workplace reliability, efficiency and safety and has worked for Chevron for 12 years. She is responsible from the integration of Human Performance principles into existing Operational Excellence processes such as Incident Investigation and Learning, Managing Safe Work and Process Safety. She is leading the downstream and chemicals organization in understanding that Human performance is a philosophical shift in thinking. Currently, Sahika is working with leadership and human performance champions to build capacity for organizational learning from events and normal work. Sahika has experience in managing global

human factors and ergonomic programs and developing and delivering human performance, human factors and ergonomics training across the world. She has published over 30 articles in referenced journals and conference proceedings. She has thought as an adjunct professor at the San Jose State University Industrial Engineering between 2008 and 2015. She is a member of Human Factors and Ergonomics Society, and Institute of Industrial Engineers. Sahika has a B.S. degree in industrial engineering from Cankaya University, Ankara Turkey, M.S. degree in industrial and systems engineering from Ohio University and Ph.D. degree in integrated systems engineering with a focus on human factors and ergonomics from the Ohio State University.



**Chelsea Miller** received a B.A. in International Business and French from the Ohio State University in 2005. She received a M.S. in Health, Environment & Safety from the University of Findlay in 2008 and an M.B.A. from the University of Utah in 2018. Chelsea spent 7 years with Marathon Petroleum Company in jobs in logistics, terminals and refining in an HES capacity. In 2012, Chelsea joined Silver Eagle Refining as their Process Safety & Environmental Compliance Manager for refineries located in Utah and Wyoming. In 2014, Chelsea joined Chevron supporting process safety for downstream operations. In her current role, Chelsea supports Human & Organizational Performance and Operational Learning for the enterprise.

**Breakout Session #2C - 11:30 AM - 12:30 PM**  
**Ergonomics Track**  
**Practical Ways To Advance The**  
**Effectiveness Of Ergonomic Programs**  
**Meg Honan, MS, PT, CPE**

Safety Professional may focus their days on developing programs and strategies to improve safety. They often play a key role implementing Ergonomics in the workplace. The problems that they solve also effect quality, performance and the bottom line. This presentation will help develop language to communicate safety and ergonomics across disciplines and work with strategic partners to increase your impact and success at all levels of the organization.

**Learning Objectives:**

1. Gather concrete ideas that show how your group contributes to the company's bottom line.
2. Define practical approaches to working with strategic partners in related departments
3. Develop language to describe macro ergonomics to communicate across disciplines

**Meg Honan, MS, PT, CPE**  
**Senior Ergonomics Consultant**  
**UC Ergonomics Laboratory**



Meg Honan is a consulting ergonomist for the UC Ergonomics Laboratory and course instructor. She served as Ergonomics Program Manager for Genentech's South San Francisco site until 2018, engaging leadership at all levels and interdisciplinary teams through participatory ergonomics. Meg has also focused on ergonomics related to expanding the role of mobile devices and how unassigned work environments and flexible work have transformed the way we work today. She earned a Master's at University of California, Berkeley and is a Board-Certified Professional Ergonomist (CPE).

**Breakout Session #2D - 11:30 AM - 12:30 PM**  
**Regulations / HSE Management Track**  
**The U.S. Chemical Safety Board: Who We Are And What We Do**  
**Stephen Klejst**

This presentation will provide the attendee with an overview of the U.S. Chemical Safety and Hazard Investigation Board (CSB) and its role in investigating incidents that occur in the petrochemical industry. As an independent Federal agency, the mission of the CSB is different from that of OSHA and EPA. The presentation will explain how the agency executes its primary mission to determine the cause/probable cause of a chemical incident, the development of its findings and when appropriate, issues recommendations to prevent a reoccurrence of a similar incident. A summary of the CSB's current investigations will also be included.

**Learning Objectives:**

1. Describe the primary mission of the CSB.
2. Describe the process used by the CSB in developing the cause/probable cause of a chemical incident.
3. Describe the purpose and potential recipients of a CSB recommendation.



**Stephen Klejst**  
**EXECUTIVE DIRECTOR OF**  
**INVESTIGATIONS AND RECOMMENDATIONS**  
**U.S. Chemical Safety and Hazard Investigation Board (CSB)**

Stephen Klejst, the Executive Director of Investigations and Recommendations, joined the U.S. Chemical Safety Board (CSB) in February 2018. He is responsible for leading the agency's investigation and recommendations programs including the Drivers of Critical Chemical Safety Change advocacy program.

Mr. Klejst comes to the CSB after nearly ten years of experience with the national Transportation Safety Board where he was deputy managing director and director of the agency's Office of Railroad, Pipeline and Hazardous Materials Investigations. During his tenure with the NTSB, Mr. Klejst led the agency's investigation of several major pipeline and railroad accidents including the explosion of a natural gas transmission line in San Bruno, California, the rupture of a hazardous liquid transmission line in Marshall, Michigan and several significant freight railroad and transit rail accidents. Prior to joining the NTSB, Mr. Klejst had a distinguished executive career in the railroad industry with responsibilities in the areas of safety, accident investigation, regulatory compliance and technical training.

Mr. Klejst received his bachelor's degree in chemistry from the University of Pennsylvania and a master of science degree in management from the Stevens Institute of Technology. Mr. Klejst is a Certified Safety and Security Director.

**Breakout Session #3A - 1:30 PM - 2:30 PM**  
**Construction Track**  
**Preventing Valley Fever In Construction Workers**  
**Jennifer McNary, CIH & Mary Deems, MPH**

Valley fever is an infectious disease that poses a risk to construction workers in endemic areas of California. This illness is emerging as more of a concern due to increased construction in Valley fever endemic areas and the evidence that the number of cases and rates of illness are increasing. Find out if you work in an area with Valley fever, how potentially serious the illness can be, and what you can do to prevent occupational exposure. The California Department of Public Health (CDPH) has investigated several outbreaks of Valley fever in construction workers. We will present our findings and evidence-based recommendations for preventing exposures and responding when illness occurs. Our presentation will include discussions of important elements of a code of safe practice for this hazard and a new California law that impacts construction employers.

**Learning Objectives:**

1. Explain how Valley fever exposure occurs, list four common symptoms, describe short-term and long-term health effects, and explain what to do when Valley fever is suspected.
2. Describe the occupational risks for Valley fever in construction.
3. Identify three methods for preventing work-related exposure to Valley fever and explain the rationale for these methods.
4. Explain what California law AB 203 of 2019 is and what it requires construction employers to do.



**Jennifer McNary, MPH, CIH**  
**Research Scientist/Industrial Hygienist**  
**California Department of Public Health**

Jennifer McNary received her MPH from UC Berkeley in Environmental Health Sciences. She is an industrial hygienist in the Hazard Evaluation System and Information Service (HESIS) in the Occupational Health Branch of the California Department of Public Health. During her 30-plus year career as an IH, Jennifer has worked in government, private industry and academia. At HESIS, she has been working with companies to select safer alternative cleaning processes or products to use in place of carcinogenic solvents. Her research interests include the evaluation of worker health regulations and policies and their effectiveness in preventing chemical and biological exposures, and preventing infectious diseases such as Valley fever, avian influenza, and bloodborne diseases. Jennifer has participated in several investigations of workplace exposure to Valley fever at construction sites and at a movie set and is a co-author on several publications describing those studies. Recent work has included developing Valley fever educational materials.



**Mary Deems, MPH**  
**Health Education Consultant III**  
**California Department of Public Health**

Mary Deems has a Master's degree in Public Health from U.C. Berkeley with an emphasis on community health education. She has worked in occupational health and safety for over 25 years, including 20 at the California Dept. of Public Health's Occupational Health Branch. Areas of expertise include training and curriculum development; communications planning; bilingual, low literacy, and accessible materials development; program planning and evaluation.

**Breakout Session #3B - 1:30 PM - 2:30 PM**  
**Human & Organizational Performance (H.O.P.) Track**  
**It Seemed Like A Good Idea At The Time : Considerations For**  
**Evaluating Decisions In Accident Investigations**  
**Jennifer Serne, GSP**

This session will discuss decision making in accident investigations.

Learning Objectives:

1. Identify how human cognitive limitations can lead to poor decision making
2. Explore how workers use naturalistic decision making on the job
3. Examine how the concept of bounded rationality applies to decision making in accidents
4. Examine common mental heuristics and biases used during decision making
5. Apply knowledge of human cognition to create systems, processes, and programs that help employees make better decisions



**Jennifer Serne**  
**Assistant Professor,**  
**Safety Health Management Program**  
**Central Washington University**

Jennifer Serne is an Assistant Professor in the Safety Health Management program at Central Washington University, where she teaches classes covering Hazardous Materials Management, Fire Safety, Incident Investigation, Emergency Response, Construction and Manufacturing Safety, Safety Analysis Systems, and Ergonomics and Human Factors. Previously she worked for 20 years in the safety industry in research safety, pharmaceutical safety, radiation safety, and emergency response and was the lead inspector of medical and research facilities using radioactive materials in Washington State. She has also been an independent fatality investigator, serving various clients in 36 states and 6 countries. She has a Masters in Safety Science from Embry Riddle Aeronautical University and is working towards her Ph.D. in Industrial and Organizational Psychology and Human Factors. Her research interests include human behavior in emergencies, automation dependency and mode confusion, the application of accident causation models in fatality investigations, cognitive bias in accident investigations, and the attribution of blame in fatal medical mistakes, assembly occupancy fire disasters, and serious aviation accidents.

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

### **Ergonomics Track**

#### **A Window of Opportunity: Utilize Ergonomics And Wellness Programs To Help Stem The Tide Of The Opioid Crisis For Your Workplace**

**Dr. Sheila O'Halloran & Mark Worthen**

Accurate Ergonomics integrates health and wellness, ergonomics and injury prevention techniques to improve careers and lives. This presentation will explore the Opioid painkiller crisis in America. Presenters will discuss real life situations to raise awareness on this critical topic and how a company can utilize ergonomics and health education to improve outcomes for their workforce. Also, understand the current legal challenges to this dilemma.

#### **Learning Objectives:**

1. How to identify at-risk situations and behaviors in your workforce
2. How to create a supportive workplace environment
3. How to utilize an ergonomics and wellness program to reduce risk and improve outcomes



**Dr. Sheila O'Halloran**  
**Managing Partner**  
**Accurate Ergonomics**

Dr. Sheila O'Halloran specialized in positive health outcomes for her patients for over 15 years. Her success is her extreme passion and caring for others. She has transformed the lives of individuals, families and has assisted numerous organizations achieve Wellness Cultures, Ergonomics and Injury Prevention Excellence.

Dr. Sheila has worked with thousands of injured workers and learned from these relationships just how devastating injuries are. The prevention of these life altering injuries and illnesses became her primary focus and her ultimate life goal. Dr. Sheila is a managing partner of Accurate Ergonomics and has incorporated years of treatment and research into a unique and effective training system.



**Mark Worthen**  
**Managing Partner**  
**Accurate Ergonomics**

Mark Worthen is a retired firefighter and was one of the first EMT's in California. Mark's expertise includes systems development, organizational effectiveness, strategic planning and managing behavioral change.

Mark is also a professional photographer. As a managing partner of Accurate Ergonomics, one of Mark's greatest assets is his ability to assist employers in developing their human assets. He excels at designing and delivering highly effective educational and motivational training courses. His life work is dedicated to helping people create positive change in their lives and providing them the skills and tools necessary to prevent painful and costly injuries.

**Breakout Session #3D - 1:30 PM - 2:30 PM**  
**Regulations / HSE Management Track**  
**CUPA Program In Contra Costa County**  
**Cho Naing & Matt Kaufmann**

This presentation will provide a brief overview of each of Certified Unified Program Agency (CUPA) programs (hazardous materials programs). An update will be provided on the recently implemented Program 4 California Accidental Release Prevention Program. Additionally, attendees will be provided information regarding the steps to take to prepare for a CUPA inspection.

**Learning Objectives:**

1. Provide an overview of the Certified Unified Program Agency (CUPA) Programs
2. Provide an update on California Accidental Release Prevention Program 4
3. Explain the necessary steps in preparing for a CUPA Inspection



**Cho Nai Cheung**  
**Supervising Accidental Release Prevention Engineer**  
**Contra Costa County – Health Services**

Cho Nai Cheung is the Supervisor of the California Accidental Release Prevention program and in this role oversees the Industrial Safety Ordinance (ISO) and the California Accidental Release Prevention (CalARP). Cho Nai is a Chemical Engineer and has worked for Contra Costa county since 2000.



**Matt Kaufmann**  
**Assistant Director of HazMat**  
**Contra Costa County – Health Services**

Matt Kaufmann is currently an Assistant Director of Hazardous Materials Programs for Contra Costa Health Services CUPA. In his current role, Matt oversees the Underground Storage Tank, Aboveground Petroleum Storage Act and Enforcement Programs. Matt is also a member of the Hazardous Materials Incident Response Team. Matt's experience includes 6 years as a Hazardous Materials Specialist with Contra Costa County and 2 years as Hazardous Waste Specialist with Orange County.

**Breakout Session #4A - 3:00 PM - 4:00 PM**  
**Construction Track**  
**Active Shooter Awareness, Construction Safety,**  
**Emergency Preparedness And Response**  
**Michael Urueta, CHST**

This presentation will Cover:

- The scope of this presentation is to better understand your organization's preparedness, Response, and Recovery from an (ASHER) event. This training and continuous training will create muscle memory.
- Planning and Coordinating with local law enforcement, fire department, and other emergency services. Understanding and educating your teams with knowing the expectations that eliminating the threat is the first priority.
- Know your local community Emergency protocols, provide local counseling contact information and ensure your organization has a preparedness plan.

Learning Objectives:

1. Preparedness and Understanding, Run, Hide, Fight or Defend
2. Responses from Law Enforcement, expectations, Roles / Responsibilities
3. PUBLIC INFORMATION, OUTREACH PROGRAMS, Facility Preparedness, and Counseling



**Michael A. Urueta, CHST**  
**Regional EHS Manager**  
**The EHS PLANNING & CONSULTING CO**

Michael A. Urueta, CHST is a Regional EHS Manager who works with Schools, Businesses, Communities, Organizations, and Events to develop and strengthen their OSHA Environmental, Health, and Safety needs. He currently works for The EHS PLANNING & CONSULTING CO and has been in the Construction industry for the past 29 years.

His past responsibilities included R & D, AeroSpace and Manufacturing Industry, he worked for Warren Buffett's PCC Structurals, Elon Musk's Tesla Motors, Lawrence Livermore National Laboratory, NASA and the Federal Government (GSA). He has held the titles of Director of Operations, Regional EHS Manager, Engineering EHS Tech IV, ERT Captain, EHS Manager & Business Owner.

Michael served 9 years as a USMC Parachute Rigger with a Force Reconnaissance team. He currently holds a CHST credential from the Board Of Certified Safety Professionals and is a National Outreach OSHA 10 & 30 Hr. Train the Trainer for both the General & Construction Industry.

Michael will be presenting this year for ASSP SF Chapter's 2020 Safety Symposium, FEMA's NFPA 3000 Active Shooter Awareness / Hostile Event Response in both San Ramon, CA and Baton Rouge, LA. He currently is a member of the ASSP SF Chapter Group WISE Board as a WISE Guy Ambassador & Event Moderator.

To have Michael come to your organization for Public Speaking or Training, you can contact him here: [info@ehsplanning.com](mailto:info@ehsplanning.com) or visit: <https://www.ehsplanning.com>.

**Breakout Session #4B - 3:00 PM - 4:00 PM**  
**Human & Organizational Performance (H.O.P.) Track**  
**Philosophy Vs. Program: The Reality Of Implementing H.O.P.**  
**(Human Organization Performance)**  
**Jennifer Harris, CSP**

Human and Organizational Performance is a valuable philosophy for engaging our employees in conversations about safety. But how do you use that philosophy in real life? This presentation will be an “in the trenches” perspective of using New View Safety/Safety Differently/HOP principles to shift safety culture. With lessons learned and highlights of successes, this presentation will illuminate how all companies, big and small, can use the tenets of HOP and push their safety culture towards excellence.

**Learning Objectives:**

1. Describe the benefits and challenges of using HOP in any sized company
2. Utilize the concept of micro-experiments and learn about real world examples
3. Understand the variety of safety and non-safety resources to inform thinking on HOP



**Jennifer Harris, CSP**  
**Global EHS Manager, Facebook**  
**Connectivity**  
**Facebook**

Jennifer Harris is the Global EHS Manager for the Connectivity team at Facebook.

Previously she consulted for Heill Safety Solutions as a Sr. EH&S Program Manager where she was stationed at X, The Moonshot Factory (formerly Google X). She has over 20 years of experience in the tech, pharmaceutical/biotech, semiconductor, analytical laboratory, and chemical manufacturing industries. She has a bachelor's degree in Biology and is a Certified Safety Professional.

Jennifer is also the Area Director for ASSP Region 1, Area 2, supporting chapters in Oregon and Northern California.

**Breakout Session #4C - 3:00 PM - 4:00 PM**  
**Ergonomics Track**  
**Pipet Techniques And Pipet Ergonomics**  
**Tony Fong**

Pipetting is an important tool in the modern day laboratory. It is being used more and more but often, laboratory researchers are not aware of the different types pipettes that are available to them and the proper techniques that they can use to make their work easier thus preventing repetitive motion injuries in the long run.

**Learning Objectives:**

1. How to choosing the right pipette is important for the task
2. New ergonomic tools for pipetting in the lab
3. Techniques and ergonomics of using the pipette



**Tony Fong**  
**Regional Account Manager**  
**Gilson Pipettes**

Tony Fong comes with a vast amount of knowledge on pipette designs, usage and the knowledge of the latest in pipette technology with being a research associate for many years before transitioning to be a pipette sales representative. He is currently a regional account manager for Gilson Pipettes and was previously with Rainin Instruments for 14 years. He worked as a Research associate who used the pipette heavily as part of his job. Some of the companies that he's worked at includes: Cetus, Triton, Somatix, Avigen. He is an advocate for designing the right pipette for the right job.

**Breakout Session #4D - 3:00 PM - 4:00 PM**  
**Regulations / HSE Management Track**  
**5 Ways To Know Your Company Is Complying With NFPA 70E**  
**David R. Paoletta, MS, MBA, CSP, CUSP**

This session is intended for those responsible for implementing an NFPA 70E compliant Electrical Safety Program. Attendees will learn the elements of an NFPA 70E compliant Electrical Safety Program, including Electrical Safety Program Principles, Controls and Procedures. Electrical Safe Work Practices will be discussed, including electrical safety principles, guidelines for qualification of personnel, PPE selection, Human Factors and employee responsibility. Program assessment, validation, documentation and recordkeeping will be extensively covered.

**Learning Objectives:**

1. Attendees will be able to understand the electrical safety program elements required for NFPA70E compliance.
2. Attendees will be able to apply observational techniques to identify the hazards of key electrical work practices and develop NFPA70E compliant methods to complete routine work.
3. Attendees will be able to evaluate the electrical safe work practices currently in use at their organizations against those required by NFPA70E.



**David R. Paoletta, MS, MBA, CSP, CUSP**  
**Principle Consultant, Safety Services**  
**ERM West Inc.**

David is an Occupational Health and Safety practitioner who has managed safety programs in Manufacturing, Municipalities, Construction and at Government research Laboratories. David has extensive Electric utility field safety experience, including electric distribution, substation and power plant operations. He was the Subject Matter Expert for both Electrical Safety and Hazardous Energy Control programs at Sandia National Laboratory's Livermore, California site and at NASA's Ames Research Center in Mountain View, CA. Currently, David works as a Senior Safety Consultant based at ERM's San Francisco office.