

**HOTZONE 2019**  
**Tentative Pre-Conference Courses**  
**Thursday, October 17, 2019**

**On-Site:      Developing a HazMat Medical Program – 8 Hours (Classroom)**  
**Taught by Richard Stilp**

**On-Site:      CBRN Sampling for Public Health – 4 Hours (Classroom)**  
**Taught by Robert Neumann and Kristin Wend**  
**Limited to 24 Students**

**On-Site:      HEINZ 5-Step Field ID Laboratory – 8 Hours (Hands-on)**  
**Taught by Brian Heinz, Susan Heinz-Savino and Jeanette Heinz**

**On-Site:      Risk Based Approach Escape-Room – 4 Hours (Hands-on)**  
**Taught by Dave Donohue, Andy Byrnes and Tony Mussorfiti**  
**Limited to 20 Participants, additional seating will be available**

**On-Site:      Risk Based Decisions Through Physical and Chemical Properties –**  
**8 Hours (Classroom and demonstrations)**  
**Taught by Brian Ramsey**

**On-Site:      Developing and Implementing the Hazardous Materials Group**  
**Operational Plan – 8 Hours (Classroom, Interactive)**  
**Taught by Greg Socks, Joe Leonard, Robert Bradley, Jason**  
**Waterfield and Hank Dupont**

**LEPC On-Site:      Cameo Suite for HazMat Technicians – 8 Hours**  
**Taught by Tom Bergman**

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**Off-Site:      Hands-on Technician Refresher Training – 6 Hours (Hands-on)**  
**Taught by HFD HazMat at the Jahnke Training Academy**

**Off-Site:      Introduction to Clandestine Lab Recognition – 8 Hours (Classroom**  
**and Hands-on)**

**Taught by the 6<sup>th</sup> CST at the Harris County Fire & Sheriff's Training Academy**

**Limited to 24 Students**

**Off-Site: Back Up Team Concepts and Best Practices – 8 Hours (Hands-on)  
Taught by Rick Emery, Butch Hayes, Jeff Zientek, Darrell Wiseman  
and Ray Burt**

**Limited to 24 Students**

**HOTZONE 2019**  
**Tentative Conference Workshops**  
**(Presentation Date & Times TBD)**

**Oxidizers & Pool Chemical Emergencies – 90 Minutes**

**Taught by: Dr. Tom Murdock**

**Science Officer 2.0 – 90 Minutes**

**Taught by Dr. Tom Murdock**

**NFPA 472, 473, 475, 1072; What's the Difference? – 90 Minutes**

**Taught by Rick Edinger**

**British Novichok Case Study – 90 Minutes**

**Taught by Rick Edinger**

**The Weather and HazMat Incidents – 90 Minutes**

**Taught by Dan Reilly**

**Fentanyl, Spice and Bath Salts, Oh My! – 90 Minutes**

**Taught by Toby Frost**

**Is Your Team Ready for the Big One? – 90 Minutes**

**Taught by Toby Frost**

**Unstable Materials, Monomers and Organic Peroxides – 180 Minutes**

**Taught by Keith Silverman, Bill Cullen and Mike Callan**

**Incident the Fenceline: Response to Chemical Facility Emergencies – 90 Minutes**

**Taught by Keith Silverman and Bill Cullen**

**Advanced Science to HazMat/WMD Response – 90 Minutes**

**Taught by Dave Matthew**

**Thermal Imaging Cameras: Pros & Cons – 90 Minutes**

**Taught by Tim Crockett**

**Pipeline Emergency Response – 90 Minutes**

**Taught by Brad Britten**

**CPC Selection – What You Don't Consider Can Hurt You – 90 Minutes**

**Taught by Khyati Vyas**

**Confined Space: HazMat or Rescue – 90 Minutes**

**Taught by Monique Lewis**

**Natural Disasters, Unnatural Hazards – 90 Minutes**

**Taught by Monique Lewis**

**Outclassing Emerging Threats with Emerging Technology – 90 Minutes**

**Taught by Mark Norman**

**Field Identification of Controlled Substances: A Tool Kit Approach – 90 Minutes**

**Taught by Mark Norman**

**Evidence-Based Response to Synthetic Opioid Threats – 90 Minutes**

**Taught by Dr. Christina Baxter**

**Binary Weapons Threat Updates & Response Solutions – 90 Minutes**

**Taught by Dr. Christina Baxter**

**Explosives: Recognition and Understanding – 90 Minutes**

**Taught by Joshua Sutherland**

**Clean Half Dozen: LPG, CNG, LNG, Propane, Hydrogen vs. Brown Fuels –  
90 Minutes**

**Taught by Toby Bevelacqua and Michelle Murphy**

**Bravo, Tango, Echo: Oh My, How to Handle BETX Compounds – 90 Minutes**

**Taught by Laurie Norman and Toby Bevelacqua**

**Tactical Skull Sessions – When Duty Calls – 90 Minutes**

**Taught by Michelle Murphy and Toby Bevelacqua**

**Failure to Plan Is Planning to Fail – 90 Minutes**

**Taught by Tony Mussorfiti**

**Transportation Emergencies – 90 Minutes**  
Taught by Brandon-Dean Morris

**Natural Gas Leaks: The Myths, Truths, and Incidents – 90 Minutes**  
Taught by Butch Hayes

**HazMat Response During Natural Disasters – 90 Minutes**  
Taught by Adam Aiken and Butch Hayes

**A Firefighter's Guide to Ammonia Response – 90 Minutes**  
Taught by William Hellard

**When Things Go Bad – 90 Minutes**  
Taught by Doug Rohn and Joe Bartholomew

**The Dirty Dozen: 12 Common Mistakes of HazMat Response – 90 Minutes**  
Taught by Doug Rohn and Joe Bartholomew

**Compressed Gas Emergency Response Fundamentals – 90 Minutes**  
Taught by Eugene Ngai

**What's in This Cylinder? – 90 Minutes**  
Taught by Eugene Ngai

**The Difference Between Personal and Process Safety – 90 Minutes**  
Taught by Manny Ehrlich

**I Smell Something Don't You? – Response to Odors in Buildings – 90 Minutes**  
Taught by Chris Hawley

**CO2 is a Deadly Gas – REALLY? – 90 Minutes**  
Taught by Chris Hawley

**Where Did it Go? – 90 Minutes**  
Taught by Perry Rockvam

**Fourth Generation Agents – 90 Minutes**

**Taught by CAPT Joselito and Dr. Anthony MacIntyre**

**The Legal Aspects of Fire/HazMat Response – 90 Minutes**

**Taught by Alan Finkelstein**

**Hazardous Materials and the Fire Code: How Do They Interact? – 90 Minutes**

**Taught by Alan Finkelstein**

**Shoot, Move, Communicate, Survive: HazMat Leadership, Strategy and Tactics – 90 Minutes**

**Taught by Josh Fowler**

**Final Report: Jack Rabbit Tests – 180 Minutes**

**Taught by Dave Matthew**

**Pulling it All Together – 180 Minutes**

**Taught by Tony Mussorfiti and Andy Byrnes**

**DAM...There is NO APP FOR THAT – 180 Minutes**

**Taught by Frank Docimo**

**There's Something About Mary – 180 Minutes**

**Taught by C. J. Haberkorn and Dana Brown**

**The Challenging Threesome – 180 Minutes**

**Taught by Greg Socks, Bill Hand, Robert Bradley, Jason Waterfield**

**ChemResponder – 180 Minutes**

**Taught by Sean Duling**

**Incident Response tools for Everyday HazMat Calls – 180 Minutes**

**Taught by Matt Housley**

**Anhydrous Ammonia Response – Applying Tactics to Scenarios – 180 Minutes**

**Taught by David Binder**

**HazMat Triathlon – 180 Minutes**

**Taught by Tony Janke**

**Shock and Awe for Your HazMat Team Training – 180 Minutes**

**Taught by Rick Dufek and Steve Street**

**Air Dispersion Models, ALOHA and Jack Rabbits: It's a Matter of Interpretation – 180 Minutes**

**Taught by Al Valerioti and Robert Bradley**

### **LEPC Track:**

**The Utah State Fire Marshal's Office Virtual Reality HazMat Training Program – 90 Minutes**

**Taught by Ryan Putman**

**LEPC Combined Guidebook – 90 Minutes**

**Taught by Bryan Becknel**

**CAMEO, WISER, Google Earth, Microsoft Office, ArcView for Laptops, iPhones and Other Devices – 180 Minutes**

**Taught by Tom Bergman**