

# HazMat Explo<sup>10</sup>

## Conference and Exposition

November 13 - 16, 2006

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# HazMat Expo<sup>10</sup> Keynote Speaker



Jon Sewell has 25 years experience in healthcare, and most recently served as CEO of Chalmette Medical Center in Louisiana, one of the facilities devastated by Hurricane Katrina. Prior to joining CMC, which is an investor-owned 230 bed suburban tertiary care center, operated by Universal Health Services, he served as CEO for North Colorado Medical Center, in Greeley, Colorado.

Jon has worked in the healthcare industry since 1981 where he was a Management Engineer at Providence Hospital, Southfield, Michigan. Other positions held include Administrative Director of Radiology Services at Oakwood Hospital, Dearborn, Michigan; VP for Regional Development and VP of Operations at Munson Medical Center, Traverse City Michigan.

He possesses significant experience in growing hospital

revenues through new program development and is known for excellent physician relations, management development, team building and community relations skills. He's gained in-depth operating experience in three different complex systems and has led organizations in highly competitive markets in both urban and rural regional referral settings.

Jon holds a Bachelor's Degree in General Studies from the University of Michigan and a Master's Degree in Business Administration from Wayne State University. He has been married to his wife, Debra (an artist), for 25 years, and they have two children.

### It is Human Nature to Help in a Crisis

During Hurricane Katrina, Jon Sewell experienced not only a devastating hurricane, but he learned what people are capable of doing when they are faced with a crisis. When the storm hit on Monday, August 29, 2005, Jon Sewell had been the CEO of the Chalmette Medical Center in Louisiana for just four months. People came together and gave of themselves to help perfect strangers in their time of need. As the water rose 14 feet in the hospital, the generators failed 30 minutes after being flooded. With no utilities for four days, citizens in the community provided food and water to the patients, employees and family members, and others from around the area until their rescue. With the hot summer heat and high humidity, conditions were life-threatening to some patients. But people were amazing and sacrificed their own comfort to assist with those in need. In the end, we all do what it takes to help each other in a crisis.

## Who will Benefit by Attending HazMat Expo 10?

**With eight different tracks, every discipline benefits by attending HazMat Expo 10. We've searched throughout the country to bring you the most up-to-date training from experts in their fields. Courses are coded as follows:**

**First Responder (FIR)**  
Law Enforcement  
Fire Department Personnel  
Emergency Medical Technicians  
HazMat Technicians  
Federal, State, & Local Officials

**Emergency Planning (EMP)**  
Emergency Managers  
Current and Prospective LEPC, TERC, and SERC Members  
Emergency Department Management

**Environmental (ENV)**  
Environmental Health & Safety Managers  
Emergency Managers  
EH & S Compliance Officers  
HazMat Transportation Managers  
Corporate Decision-makers

**Homeland Security (HLS)**  
Security Personnel  
Law Enforcement Personnel  
Emergency Planning  
Transportation Personnel

**Medical (MED)**  
Hospital Safety Managers  
EMT/EMS Personnel  
Emergency Room Practitioners  
Federal, State, & Local Officials

**Industry (IND)**  
Industrial Safety Managers  
General & Safety Plant Management  
Emergency Managers  
Industrial Security Personnel  
Federal, State, & Local Officials

**Radiological (RAD)**  
Emergency Managers  
First Responders  
Private Industry  
Federal, State, & Local Officials

**Special Training**  
Grant writers  
All disciplines



## Course Descriptions

**C**heck [hazmatexplo.org](http://hazmatexplo.org) for the day-at-a-glance class schedule and for the latest schedule changes. The following is a list of all the classes. More detailed descriptions are available from the website prior to the conference or may be found in the program provided at the conference:

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**Monday, November 13, 2006**

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**MED01  
Mass Casualty Medical Monitoring and Treatment issues (Darrah, Rhee)**

*Monday 8:00 AM - 12:00 PM*

Introduction to the spectrum of products and issues in mass casualty medical monitoring. WVSM/band aid type devices for care giver monitoring and patient tracking demonstration. Emphasis on the psychology of responding and treating with full protective gear on.

**MED02  
Leave No One Behind...Tulane Hospital's Lived Experience (Trosclair, Jordan)**

*Monday 1:00 PM - 3:00 PM*

Discussion of the complete evacuation of patients, staff and family from Tulane University Hospital & Clinic following Hurricane Katrina. Features Dr. Jeanne James Jordan, Chief Medical Officer and Dr. Troy Trosclair, Vice President of Quality/Risk Management who will share their unique experiences of the entire process.

**MED03  
Making Sense of Health-Related Data During an Emergency Response (Labus)**

*Monday 3:00 PM - 5:00 PM*

Focus on how health data is collected, managed, analyzed, interpreted, and presented, and how this data is used in emergency situations. Emphasis on the visualization of data, and a discussion of the technology and techniques that make data easier to understand.

**RAD01  
Nuclear Radiation Does Not Make You Glow (Palladino, Duncan)**

*Monday 8:00 AM - 12:00 PM, (continued) 1:00 PM - 5:00 PM*

Provides a basic understanding of radiation concepts and an introduction to radiological terrorism. Covers 14 topic areas supported by two hours of hands-on exercises using real radioactive materials. Discussion of interesting case studies to illustrate actual radiological incidents. Bring your radiation detectors!

**RAD02  
Profile of Soviet/Russian Weapons of Mass Destruction (Shafhid)**

*Monday 8:00 AM - 11:00 AM*

Presentation covers different types of weapons-grade materials developed and implemented into Soviet/Russian strategic military offensive doctrine and possible effects after their release in urban areas. Includes chemical munitions and improvised chemical devices as well as dispersion of pathogenic microorganisms.

**RAD03  
Crisis Management of Soviet Large Scale Radiological Accidents. Operational Issues and Considerations (Shafhid)**

*Monday 1:00 PM - 4:00 PM*

Discussion of Soviet military and civilian agencies management in response to over 214 large and small radiological accidents in Soviet Union. Review of the Kyztim incident, Chazma Bay nuclear submarine accident and Chernobyl nuclear plant catastrophe. Attendees will learn about ALARA principles and safe and timely actions against radiological disasters based on Soviet crisis management.

**FIR01  
8-Hour Critical Incidents at Railroad Crossings: 4 Hours in class, 4-hours off-site at Railroad Yard (McGrath, Bavier)**

*Monday 8:00 AM - 12:00 PM (continued) 1:00 PM - 5:00 PM*

Necessary training for law enforcement, fire, medical, and other emergency response services who host railroad transportation within their jurisdiction. Covers derailments, HazMat, critical structures, and more. Features hands-on training with equipment in the railroad yard.

**FIR02  
Identification of Unknown Substances by Field Portable Infrared (Fitzpatrick)**

*Monday 1:00 PM - 3:00 PM*

This course will teach the first responder how InfraRed spectroscopy works and how to integrate IR into their overall response to identify unknown liquids and solids.

**FIR03  
Safety and the Clandestine Drug Lab (Heyneman)**

*Monday 3:00 PM - 5:00 PM*

Discussion of the types of methamphetamine labs and the basic flammable, corrosive and toxic chemicals involved. Includes potential problems with cartridge respirator masks, and OSHA requirements which make a clan lab a miniature hazardous materials incident. Also includes decontamination, assessment and scene clearance procedures.

**EMP01  
Planning for the Successful Bio-Toxin Cleanup (Albrecht)**

*Monday 8:00 AM - 10:00 AM*

Course will discuss how to successfully clean Bio-Toxin spills. Addresses the most common biological agents and how to decontaminate people, places and things. Will use case studies to illustrate different decontamination methods attempted following recent anthrax events.

**EMP03  
Incident Management (Manuel)**

*Monday 10:00 AM - 12:00 PM*

Discussion of IEEE 1512 Standards for digital data exchange for incident management. Covers small routine traffic incidents all the way up to major incidents where coordination between traffic management centers, public safety agencies and emergency management centers are critical. Will discuss knowledge needed to initiate or participate in the development of an interagency incident management data exchange system in your region.

# Course Descriptions

## EMP10

### **Pandemic Influenza and Mass Fatality Preparedness & Mass Fatality Management in a CBRN Environment Panel Discussion (DePaolo, Nesler, Fudenberg)**

*Monday 1:00 PM - 3:00 PM*

One hour presentation plus one hour panel discussion addressing mass fatality management during a pandemic influenza. The foundation for this presentation is derived from a national working group conference held March 2006 to develop a response to the dynamic effects of a potential PI event.

## EMP15

### **North Las Vegas Propane Tank Explosion (Brame)**

*Monday 3:00 PM – 5:00 PM*

Kevin Brame, North Las Vegas Deputy Fire Chief will discuss what happened late one evening when a propane tank explosion rocked North Las Vegas and the efforts taken to evacuate the area safely and successfully.

## HLS08

### **All Hazards Building Risk Assessments and Security Design (Chipley)**

*Monday 8:00 AM - 10:00 AM*

Covers the All Hazards building risk assessment process for natural hazards and man-made threats, identifying associated mitigation measures, and how to prepare, respond and recover from an event. Also will discuss building design requirements of the Department of Defense, Interagency Security committee, the General Services Administration, and the emerging life safety standards and codes revisions for all hazards.

## HLS09

### **Critical Incident Management Symposium (Chipley)**

*Monday 10:00 AM - 12:00 PM*

Seminar cover the basic requirements of the National Incident Management System (NIMS), the National Response Plan (NRP), the National Preparedness Goal (NPG) and how they relate to the NFPA 1600 Standard for Emergency Management and Disaster Recovery.

## HLS02

### **NIMs and the NRP, Changing the Way We Respond to Major Incidents (Hightower)**

*Monday 1:00 PM - 5:00 PM*

Session will clarify and explain requirements to comply with the National Incident Management System (NIMS) and the National Response Plan (NRP) in clear, concise, and easy to understand, terms.

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**Tuesday, November 14, 2006**

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## MED04

### **Chemical Agents of Opportunity for Terrorism: The Medical and Psychological Consequences of TICs and TIMs (Wax)**

*Tuesday 9:00 AM - 12:00 PM,  
(continued) 1:00 PM - 5:00 PM*

This course will utilize a symptom-based clinical approach to describe the medical impact of readily available chemical poisons. It will provide a framework to enhance recognition of the common health effects of apparently disparate chemical toxins and introduce clinical, public health, and emergency management strategies to optimally prepare, identify, and defend against chemical threats.

## RAD04

### **Radiation Safety for First Responders (Fontana)**

*Tuesday 9:00 AM - 12:00 PM*

This course provides non-radiological workers with the basic knowledge necessary to safely identify the presence of radioactive materials and ionizing radiation sources. The course teaches how to identify what radiation levels are significant while responding to an emergency and how to respond in a manner consistent with the "as low as reasonably achievable" (ALARA) principles.

## RAD05

### **Essentials of Radiological Terrorism (Palladino, Dempsey)**

*Tuesday 1:00 PM - 5:00 PM*

This course teaches how to respond to a radiological terrorism incident by preparing plans and procedures, detecting radiation, handling radioactive contaminated materials, site control, preventing mass hysteria and working with the media.

## HLS05

### **Protecting Critical Infrastructure (McCarthy)**

*Tuesday 1:00 PM - 2:00 PM*

Introduction to requirements and methods for categorizing, prioritizing, and tracking critical infrastructure at the local, regional, and national levels. Discussion of commonly used Threat and Vulnerability Assessments and cost effective ways to reduce vulnerabilities to critical facilities across the public and private sector.

## KAT01

### **Emergency Response to Katrina (Sewell, Thornton)**

*Tuesday 2:00 PM - 5:00 PM*

A two-part presentation of what happened during the 5 days trapped in a hospital and what happened following rescue.

## FIR04

### **Raman Spectroscopy: A Tool in the Toolbox (Johnson)**

*Tuesday 9:00 AM - 12:00 PM*

This class will focus on the use of Raman Spectroscopy for field users who operate a wide range of chemical detection and identification tools.

## FIR05

### **Cyanide Awareness for First Responders (Albrecht)**

*Tuesday 1:00 PM - 3:00 PM*

This class will familiarize responders with how liquid sodium cyanide is manufactured, transported and used as well as the hazards associated with the chemical and how to respond to incidents involving cyanide.

## FIR06

### **Emergency Response to Compressed Gas Incidents (Gill)**

*Tuesday 3:00 PM - 5:00 PM*

The presentation will cover the properties of compressed gases, types of containers, valves, leak possibilities, risk assessment, monitoring and leak detection, mitigation and remediation. Specialized equipment used for compressed gas response will also be discussed.



## Course Descriptions

### EMP04

#### Community Organizations (Giunta)

Tuesday 9:00 AM - 11:00 AM

### EMP05

#### Hell and High Water—The Katrina Mission (Buckhout)

Tuesday 9:00 AM - 12:00 PM

See description under MED05 on Wednesday.

### EMP06

#### Introduction to the National Response Plan (NRP): IS 800 (Hightower)

Tuesday 1:00 PM - 5:00 PM

This is a FEMA-created (Emergency Management Institute), awareness-level course that explains NRP components, concepts and principles. It is required training for all officials in local, state, and federal agencies/jurisdictions "whose primary responsibility is emergency management". Certification issued upon completion.

### EMP07

#### Family Survival During a Terrorist/WMD Event (Perlmutter)

Tuesday 1:00 PM - 3:00 PM

Discussion of a Family Communication and Survival Plan in an interactive workshop type environment. Results will be discussed and compared to information and guidance from the Department of Homeland Security.

### EMP08

#### Police Line--Do Not Cross (Perlmutter)

Tuesday 3:00 PM - 5:00 PM

An interactive course that uses the scenario of a terrorist activity at a casino to show emergency managers and planners all the existing warning signs missed by security personnel and fellow workers.

### IND01

#### Transporting Hazardous Materials by Air (Romero)

Tuesday 9:00 AM - 11:00 AM

Learn how to recognize hazardous material (dangerous goods) and review safety issues unique to air transportation.

### IND02

#### Hazardous Materials Training Requirements (Romero)

Tuesday 1:00 PM - 3:00 PM

Discussion of the hazmat employer and employee training requirements in 49 CFR 172.700.

### IND03

#### Transporting Hazardous Materials by Highway (Romero)

Tuesday 3:00 PM - 5:00 PM

Review of hazmat safety and compliance issues unique to highway transportation.

### IND04

#### RCRA/DOT Hazardous Waste Training (Heyneman)

Tuesday 9:00 AM - 12:00 AM,  
(continued) 1:00 PM - 5:00 PM

Course for students to learn the federal hazardous waste generator regulations which regulate CESQGs (Conditionally Exempt Small Quantity Generators), SQGs (Small Quantity Generators), and LQGs (Large Quantity Generators). This training will serve as certification for Large Quantity Generators.

### NEV01

#### Workshop on Nevada Emergency Management Assistance Compact (NEMAC) and EMAC (O'Brien, Derks)

Tuesday 9:00 AM - 11:00 AM

### GRNT1

#### Alternatives to Federal Grant Funding (Anderson)

Tuesday 1:00 PM - 5:00 PM

Discussion of other potential funding sources for first responders. Includes examples of what other organizations have done to obtain funding from non-federal sources.



### CHEM1

#### Chemistry Made Simple: An Environmental Approach (Turner, Troutman)

Monday, Tuesday (All Day)

Starting with very basic chemical terminology, this program provides simple, straightforward explanations of the chemistry behind important environmental topics such as:

- Material safety data sheets
- Sampling and analysis
- Chemical compatibility
- Chemical Nomenclature
- Chemical and physical reactions
- Organic compounds and how to classify them
- Metals
- The unique chemistry of water
- Chemical measurement (metric units, PPM, PPB)

The science behind many global environmental problems are also explained, including:

- Ozone depletion
- The greenhouse effect
- Biomagnification / bioaccumulation
- Radioactive waste disposal
- Halogenated solvents and environmental toxicity
- Hazardous wastes
- Indoor air quality
- Air pollution/smog
- Waste and wastewater treatment processes

Attending this course will improve your ability to comprehend key data found in material safety data sheets, laboratory analytical reports, and environmental assessments. It will also help you use and dispose of chemicals more safely, both at work and at home.

# Course Descriptions

**Wednesday, November 15, 2006**

## **MED05**

### **Hell and High Water—The Katrina Mission (Buckhout)**

*Wednesday 8:00 AM - 11:00 AM*

Discussion and review (with photos and slides) of the 12 day deployment of the Federal Disaster Medical Assistance Team to Louisiana in support of relief efforts for Hurricane Katrina. Assignment included deployment to the now infamous "Superdome where the team of 40 treated and evacuated over 800 patients while being repeatedly shot at and assaulted. (Presentation does not necessarily represent the views of LLNL, DHS, FEMA, or the National Disaster Medical System.)

## **MED06**

### **HazMat Pharmacology (Weber)**

*Wednesday 1:00 PM - 5:00 PM*

Session covers how to use specially equipped hazmat drug boxes. Includes treatment protocols and tabletop scenarios for common toxic industrial hazardous materials and weapons of mass destruction, including nerve agents, blood agents, lewisite warfare agents and hydrofluoric acid, methanol, ethylene glycol and methemoglobinemia-inducing agents (ammonium nitrate, for example).

## **RAD06**

### **Radioactive Material Accident Response Made Simple (MERRTT) (Clawson)**

*Wednesday 8:00 AM - 11:00 AM, (continued) 1:00 PM - 5:00 PM  
Thursday (continued) 8:00 AM - 12:00 PM*

Two-day program to explain radiological response. Includes hands-on activities with radiation detection equipment, radioactive material packaging, and "live" radiation sources. Attendees will develop understanding of radioactive material, radiological survey instruments, decontamination techniques for handling radiological contaminated victims, packaging used to transport radioactive material and resources available during response. DOE MERRTT Certificate issued upon successful completion and up to 11 hours of continuing education hours (CEH).

## **RAD09**

### **High-Level Nuclear Waste and the Need for an Integrated Regional EOC (Mushkatel)**

*Wednesday 2:00 PM - 5:00 PM*

Discussion of lessons learned from New York City, Broward County, Chicago, L.A. County, and King County Regional Emergency Operations Centers. Discussion of efficient and effective management of a multi-jurisdictional event, inherent problems in managing a regional EOC and how the nation's premier emergency response communities respond to these challenges? Q & A with a roundtable of EOC key decision makers and local public safety leaders.

## **FIR07**

### **Advanced Spectroscopy (Weber)**

*Wednesday 8:00 AM - 10:00 AM*

Discussion of current field portable sample identification techniques, the advantages and disadvantages of Fourier Transform Infrared spectroscopy (FTIR) and Raman spectroscopy, how to use these tools in the field and how to apply that knowledge to response scenarios.

## **FIR09**

### **Decontamination in the Rural Setting (Herrick)**

*Wednesday 8:00 AM - 11:00 AM*

Course will discuss the challenges of having an adequate decontamination system for rural areas. It explains the Vermont solution and how it maximized limited resources for decon as well as MCI events. Also explains how this model has raised the level of Hazmat training in the volunteer and career fire services in Vermont.

## **ENV01**

### **Mercury Emergency Responses and Abatement Procedures (Newell, Brass)**

*Wednesday 8:00 AM - 11:00 AM*

Course will present past mercury emergency response actions and abatement procedures employed by the US EPA. Provides an overview of the initial site assessment, extent of contamination, abatement, action/cleanup levels, sampling, direct read instrumentation, and appropriate personnel protection equipment.

## **ENV02**

### **Environmental Crimes Awareness (Hill)**

*Wednesday 2:00 PM - 5:00 PM*

Course provides practical information on the investigation of environmental crimes including initial response considerations, materials status, investigation and prosecution status, determining enforcement authority, responsibility for evidence collection and funding and cost recovery sources.

## **EMP09**

### **Emergency Preparedness: The Integration of Critical Infrastructure Disaster Resilience with Health-Focused Protection, Response, & Consequence Mitigation Strategies for the Critical Asset – The People (Cheung, Lukso, Burt)**

*Wednesday 8:00 AM - 11:00 AM*

Focus on raising organizational awareness of the necessity to prepare for and execute disruption and disaster response and recovery plans. Offers guidance on developing an economical strategic plan. Will use hazard scenarios within the gaming industry, educational institutions and the governmental community to illustrate interdependency between the public and private market sectors.

## **EMP02**

### **FEMA HAZUS Software Training (Arritt)**

*Wednesday 1:00 PM - 3:00 PM*

Provides an overview of the flood and earthquake modules using infrastructure and census data included with FEMA's powerful HAZUS-MH risk assessment software. FEMA makes HAZUS-MH available free-of-charge to federal, state, and local government agencies as well as the private sector and can be ordered through FEMA's website at [www.fema.gov](http://www.fema.gov)



# Course Descriptions

## EMP12

### Inclusive Emergency Preparedness for Individuals with Disabilities and Other Special Needs (Cameron)

Wednesday 3:00 PM - 5:00 PM

Session for emergency responders and planners focused on persons with disabilities. Discusses the role of emergency responders and planners in preparing special needs organizations to handle the diverse communication and transportation requirements of persons with disabilities in the event of a disaster.

## IND05

### USDOT HazMat Regulations (Romero)

Wednesday 8:00 AM - 11:00 AM

A review of the Hazardous Materials Regulations including Hazardous Materials Table, mode restrictions, proper shipping name, hazard class, division number, ID number, packing group and packaging, special provisions, labeling, marking, and placarding requirements.

## IND06

### Packaging Selection, Marking, and Labeling (Romero)

Wednesday 2:00 PM - 5:00 PM

A session on how to select proper packaging, properly mark and label the package and how to properly describe hazardous materials within shipping documents.

## IND07

### Hazardous Materials Compliance for Industry (Alquist)

Wednesday 8:00 AM - 11:00 AM, (continued) 2:00 PM - 5:00 PM

This presentation will discuss SARA Title III planning, permitting and reporting; OSHA mandates regarding hazard assessments, written program requirements, employee training and PPE assessment procedures; and, the newest DOT requirements for those who ship hazardous substances.

## HLS06

### Critical Infrastructure Panel Discussion

Wednesday 8:00 AM - 11:00 AM

Gonzalo Cordova, Protective Security Advisor (DHS) will moderate a panel discussion focused on critical infrastructure issues. Panelists include Mr. Giles Vanderhoof, Nevada Homeland Security Administrator; Dr. Dale Carrison, Chairman of the Nevada Homeland Security Commission; Deputy Chief M. McClary, Las Vegas Metropolitan Police Department, Homeland Security Division; Mr. John Horton, President of the Las Vegas Security Chief's Association.

## HLS07

### Preparing for the 'Next Wave' of Terrorism: Suicide Bombers (Hightower)

Wednesday 2:00 PM - 5:00 PM

Course on the use of suicide bombers by Terrorist groups to shrink the areas in which people move freely. Includes a discussion of how Israel recognizes and disrupts these attacks.

## NEV02

### Nevada SERC Update (Kennard)

Wednesday 8:00 AM - 11:00 AM

A session to discuss the future of the SERC, LEPC questionnaire/team capabilities checklist, complying with open meeting laws, and policy changes that have already been made. Includes an open forum for questions and comments.

## TECH1

### Emerging Technologies

Wednesday 3:00 PM - 5:00 PM

Thursday 8:00 AM - 12:00 PM

Scheduled demonstrations of products featured in the Exhibit Hall.

## STRS1

### Stress Management and Problem Solving (Cowie)

Wednesday 1:00 PM - 5:00 PM

A course discussing stress management and problem solving in times of emergency. Presenter will focus on communication, ignorance, relaxing, data gathering, data analysis, problem definition, solution options, solution evaluation, solution choice, solution implementation and in-process evaluation.



## Nevada Test Site Tour

Monday, November 13, 2006

7:00 am-4:00 pm

The Department of Energy (DOE) and its predecessor agencies conducted nuclear tests and other experiments at the Nevada Test Site, which is located 65 miles northwest of Las Vegas, Nevada. The Nevada Test Site is offering a tour to HazMat Explo 10 participants. The tour covers about 250 miles. Visit the NTS to see the many relics remaining from nuclear weapons tests, nuclear rocket experiments, and a variety of other defense, environmental, and energy-related programs. Points of interest include:

- Frenchman Flat, where on January 27, 1951, the first atmospheric nuclear test on the Nevada Test Site, ABLE, took place. Thirteen subsequent atmospheric nuclear tests were conducted at the site between 1951 and 1962.
- Hazardous Material Spill Center is used by the chemical and petroleum industry, and government agencies to test spill dispersion, and mitigation and cleanup procedures.
- Low Level Radioactive Waste Management Site for the disposal of radioactive waste from the dismantlement and cleanup of DOE and DOD's weapons production complex.

# Course Descriptions

**Thursday, November 16, 2006**

## **MED07**

### **Addressing Psychological Hazards—Panel Discussion (Whitesides, Albrandt, Jenkins)**

*Thursday 8:00 AM - 10:00 AM*

This session will discuss the purpose and intent of disaster mental health, the importance of responder self-care in managing the stress, and the roles and responsibilities of Nevada's Mental Health Disaster Response Program. Includes an overview of the program's 13 week response to the 2005 Hurricane Season.

## **MED08**

### **Pandemic Influenza Planning (Godby)**

*Thursday 10:00 AM - 12:00 PM*

This course explains the difference between avian flu and a pandemic event, focusing on business and individual plans. Will discuss the lethality, the potential economic disruption, surge capacity in health care institutions and the impact of a public health emergency during a pandemic flu outbreak.

## **MED09**

### **WMD: The Health Care Professional's Role in Nevada's Preparation and Response (Ruffer)**

*Thursday 1:00 PM - 5:00 PM*

Course designed for physicians, nurses, EMTs and health care practitioners. Instructor will define the term weapons of mass destruction (WMD), their impact on the public health system, the equipment and protective clothing needed by health care practitioners, the signs and symptoms of exposures, new treatment modalities, the health care practitioner's role in biological weapon surveillance and reporting; and use of the Health Alert Network. The program meets all Nevada State AB 250 legislation requirements for licensure and certification renewal.

## **RAD06**

### **Radioactive Material Accident Response Made Simple (MERRTT) (Clawson)**

*Wednesday 8:00 AM - 11:00 AM, (continued) 1:00 PM - 5:00 PM, Thursday (continued) 8:00 AM - 12:00 PM*

See description for Wednesday.

## **RAD07**

### **Understanding and Using Hand-Held Radiation Monitors (Frymire)**

*Thursday 1:00 PM - 3:00 PM*

Class will provide basic understanding of the different types of radiation monitors available, what makes the various types different, which monitors are suitable for what purposes, and how to interpret the results.

## **RAD08**

### **Radioactive Materials Laboratories; Potential for Injury and the Need for Emergency Preparedness (O'Dou)**

*Thursday 3:00 PM - 5:00 PM*

Presentation on the safe use of radioactive materials in research laboratories. Includes a discussion of the potential for injury, the general rules for any radiation safety program, protection principles for exposure, and actions to take in emergency situations involving radioactive materials.

## **EMP11**

### **CAMEO Suite Workshop (Cook)**

*Thursday 8:00 AM - 12:00 PM, (continued) 1:00 PM - 5:00 PM*

An introduction to CAMEO (Computer Aided Management of Emergency Operations) suite for Hazmat incident planners and responders. Instructor will provide current CD-ROM and demonstrate its use. Requires a laptop with Windows 98 or later. Includes chemical library, plume modeling, mapping, and population estimates.

## **EMP13**

### **WMD Awareness 160 (Featherstone)**

*Thursday 8:00 AM - 12:00 PM, (continued) 1:00 PM - 3:00 PM*

This course addresses the special needs of responders to terrorist incidents. Builds upon the hazardous materials curriculum and adds specialized information concerning the current DOJ definitions of terrorism, recognition of suspicious circumstances, self protection at potential terrorist scenes, and specialized incident command issues.

## **EMP14**

### **Scenario Based Training for Hazmat Trainers (Fair)**

*Thursday 3:00 PM - 5:00 PM*

Course will discuss the pros and cons of scenario based training. Focus on prep

time and facilitation. Attendees should bring two scenarios in a WORD document to be shared with all attendees on a CD for training purposes.

## **FIR08**

### **Highway Watch (Parker)**

*Thursday 8:00 AM - 11:00 AM*

See description under HLS10 on Thursday.

## **FIR10**

### **HazMat Ops Training for Technicians (Fair)**

*Thursday 10:00 AM - 12:00 PM*

The class will discuss new ideas pertaining to set up and operations at hazmat incidents especially when short on staffing. Discussion of Oregon operations during an incident. Includes a demonstration of a hazmat tactical board.

## **FIR11**

### **Katrina-The Rescue Operations-What Went Right, What Went Wrong and What We Learn From This? (Bailey)**

*Thursday 1:00 PM - 3:00 PM*

Instructor will talk about the first federal rescuers to enter New Orleans following the total infrastructure collapse caused by Hurricane Katrina. Includes discussion of water rescue operations that saved over 6500 lives.

## **FIR12**

### **Aircraft: What They are Made of and What They Carry (Anderson)**

*Thursday 3:00 PM - 5:00 PM*

A discussion of the basics of aircraft construction including hazardous materials and fluids installed during manufacture. Subtopics will include basic airplane anatomy, military aircraft, airframe materials, aircraft systems, fuels and other fluids, what's on board and how to find out, and the role of IATA, ICAO & Air Transport.

## **ENV03**

### **Environmental Management Systems (Hill)**

*Thursday 8:00 AM - 10:00 AM*

This course provides an overview of EMS and pollution prevention strategies to help exceed environmental compliance standards, improve environmental performance, and reduce costs.



# Course Descriptions

## ENV04

### Clean-up of Hazardous Materials in Louisiana: EPA's Hurricane Katrina Experience (Sharp)

Thursday 10:00 AM - 12:00 PM

The story of the joint effort by the U.S. EPA, U.S. Coast Guard, and Louisiana Department of Environmental Quality to clean-up all of these hazardous materials spilled by hurricane Katrina told in pictures.

## ENV05

### Hazards of Pesticides to Emergency Response Personnel (O'Malley and Fong)

Thursday 1:00 PM - 5:00 PM

Course will cover toxicology, treatment, transportation, hazard recognition, and California Dept. of Pesticide Regulation Emergency Response Protocol regarding pesticides. Will explore procedures for dealing with pesticide incidents, treating injuries, and protecting personnel, equipment and facilities from secondary contamination using actual incidents.

## TECH1

### Emerging Technologies

Wednesday 3:00 PM - 5:00 PM

Thursday 8:00 AM - 12:00 PM

Scheduled demonstrations of products featured in the Exhibit Hall will be available on Wednesday afternoon and Thursday morning.

## IND08

### 8-Hour Hazardous Materials Refresher Course (Hazwoper) (Alquist)

Thursday 8:00 AM - 12:00 PM,  
(continued) 1:00 PM - 5:00 PM

## IND09

### Awareness Training – What's New in Lead, Asbestos and Mold Issues (Lauckner)

Thursday 1:00 PM - 5:00 PM

Session for anyone involved with renovation; demolition; disposal; and/or ownership of property that may contain hazardous materials. Emphasis on the booming buy-and-flip real estate industry.

## HLS01

### Animal Disease Response Awareness Training for First Responders (Ransford)

Thursday 8:00 AM - 12:00 PM

This Department of Homeland Security certified Foreign Animal Disease Response course focuses on best practices and safety issues associated with an agricultural based incident. Will focus on preparation, prevention, containment, euthanasia, disposal, and recovery.

## HLS10

### Highway Watch (Parker)

Thursday 1:00 PM - 3:00 PM

A discussion of potential terrorist safety and security threats to the transportation industry. Will focus on preventing terrorists from using large vehicles of Hazardous cargoes as weapons. All attendees may register as Highway Watch members. Each will receive a Certificate of Completion and ID number with which to instantly report unusual activity or road hazards anywhere in America to the National Call Center.

## HLS11

### Lessons Learned Information Sharing (Rabin)

Thursday 3:00 PM - 5:00 PM

Instructor will share DHS's national network of lessons learned and best practices for emergency response professionals and homeland security officials. Information based on LLIS.gov, designed to improve prevention, preparedness, response, and recovery capabilities across all homeland security disciplines, and sponsored by the DHS Office of Grants and Training and the National Memorial Institute for the Prevention of Terrorism (MIPT)

## FRNT1

### Frontier and Rural HazMat Risk Management (Cowie)

Thursday 8:00 AM - 12:00 PM,  
(continued) 1:00 PM - 5:00 PM

Course for small town and rural jurisdictions who have volunteer fire departments, small sheriff offices, a mix of private, clinic and volunteer EMS organizations, and lots of space. Will discuss ways to generate hometown interest and involvement in planning, response, emergency management, hazmat issues and LEPCs.



## Yucca Mountain Tour

Thursday, November 16, 2006  
7:00 am-4:00 pm

If you have been wondering about the Yucca Mountain Project, then you need to attend this tour. In 2002, the US Congress approved Yucca Mountain as the nation's first long-term geologic repository for high-level nuclear waste. The Department of Energy's Yucca Mountain Project is offering a tour to HazMat Explo 10 participants of the project in action. You will see for yourself how scientists are studying the geology, hydrology, and weather patterns of the area to see if Yucca Mountain can safely isolate high-level nuclear waste. Tour guests will:

- visit the crest of Yucca Mountain and learn how the mountain was formed;
- see ancient volcanic cinder cones and learn about volcanic eruptions;
- talk to scientists about the features of Yucca Mountain and how those features contribute to the safe isolation of high-level nuclear waste;
- explore the sophisticated underground laboratory called the Exploratory Studies Facility;
- view exhibits that describe and explain the various studies of the mountain.

# Meetings

## **M**id-Year National Association of SARA Title III Program Officials (NASTTPO) Meeting with U.S. Environmental Protection Agency Western Regions' Emergency Prevention and Preparedness Conference - Combined Draft Agenda at HazMat Expo 10 in Las Vegas, NV - November 14-16, 2006

### **Mid-Year NASTTPO Meeting**

*Tuesday, November 14, 2006*

- 8:00 - 8:45 ..... Continental Breakfast / Hazardous Materials Emergency Preparedness (HMEP) Grants Assistance - Charles Rogoff, U.S. DOT and Ron Degregario
- 8:45 - 9:00 ..... Welcome - Robert E. Dopp, NASTTPO President
- 9:00 - 9:30 ..... HMEP Program Update - Charles Rogoff
- 9:30 - 10:15 ..... Regional / Tribal Updates
- 10:15 - 10:30 ..... Break
- 11:15 - 12:00 ..... Liability Issues - Tim Gablehouse, Colorado SERC
- 10:30 - 11:15 ..... Open Discussion: Topics including SERC and TERC reviews of LEPC Plans; NIMS compliance; Facility emergency and security plans
- 12:00 - 1:15 ..... Lunch (on your own)
- 1:15 - 2:45 ..... Chemical Safety Board - John Bresland
- 2:45 - 3:00 ..... Break
- 3:00 - 3:30 ..... Open Discussion (continued)
- 3:30 - 4:45 ..... Update for NASTTPO Annual Conference 2007 in Kansas City

### **Mid-Year NASTTPO Meeting**

*Wednesday, November 15, 2006*

- 8:00 - 9:00 ..... Continental Breakfast / HMEP Grants Assistance - Charles Rogoff and Ron Degregario
- 9:00 - 9:30 ..... Chemical Safety Board
- 9:30 - 10:00 ..... Elements of an Effective Local Planning Effort
- 10:00 - 10:30 ..... NASTTPO General Discussion of Membership Concerns; Planning for 2008 Annual Conference
- 10:30 - 10:45 ..... Break
- 10:45 - 12:00 ..... CAMEO Update - Mark Miller, NOAA
- 12:00 - 1:00 ..... Lunch (on your own)



## **Combined Meeting Draft Agenda (NASTTPO and EPA Western Regions' Emergency Prevention and Preparedness Conference)**

*Wednesday afternoon, November 15, 2006*

- 1:00 - 1:15 ..... Welcoming Remarks, Daniel Meer, U.S. EPA Region 9, Branch Chief and Robert E. Dopp, NASTTPO President
- 1:15 - 1:45 ..... What's New in EPA's National Emergency Preparedness Programs - U.S. EPA HQ spokesperson
- 1:45 - 2:15 ..... NIMS Integration Center and FY 2006/07 Compliance Requirements - Carole Cameron, DHS FEMA HQ
- 2:15 - 2:45 ..... Update on Homeland Security / Protected Critical Infrastructure Information Program - Bill Flynn, DHS Risk Management Division HQ
- 2:45 - 3:00 ..... Refreshment Break / Networking
- 3:00 - 4:00 ..... Panel Discussion: EPCRA - The First 20 Years and Beyond
- 4:00 - 4:30 ..... Wrap-Up for NASTTPO - Robert E. Dopp  
Tomorrow's Agenda for Regional Emergency Prevention and Preparedness Conference - EPA Pacific Southwest spokesperson

## **EPA Western Regions' Emergency Prevention and Preparedness Conference**

*Thursday, November 16, 2006*

- 8:30 - 8:45 ..... Welcome and Review of Week - EPA Pacific Southwest spokesperson
- 8:45 - 9:15 ..... Review of Arizona Commemorates EPCRA (ACE) - Dan Roe
- 9:15 - 9:45 ..... Update on State and Local Government Coordination and Preparation - DHS spokesperson (To Be Determined)
- 9:45 - 10:15 ..... Update on TOPOFF 4 Exercises for Phoenix, Guam and Portland, OR - DHS spokesperson TBD
- 10:15 - 10:30 ..... Refreshment Break / Networking
- 10:30 - 11:10 ..... SERC / LEPC Forum
- 11:10 - 11:30 ..... Award Ceremony for EPA Pacific Southwest Region: Leadership in Emergency Preparedness  
Leadership in Emergency Prevention  
Lifetime Achievement in Emergency Prevention and Preparedness
- 11:30 - 1:00 ..... Lunch / Networking
- 12:30 - 1:00 ..... Optional Viewing of Video: "LEPCs: Guarding the Safety of Your Community"
- 1:00 - 1:30 ..... Area Planning Program Update
- 1:30 - 2:00 ..... Tribal EPCRA Program Updates
- 2:00 - 2:30 ..... EPCRA / RMP Enforcement Updates
- 2:30 - 3:15 ..... Panel Discussion: EPCRA - Back to Basics
- 3:15 - 3:30 ..... Refreshment Break / Networking
- 3:30 - 4:20 ..... Hazardous Materials in Disaster Response - Katrina Lessons Learned
- 4:20 - 4:30 ..... Follow-Up Actions and Closing Remarks  
*Proposed Agenda (Sept 2006) - Subject to Change*



Website Registration is Recommended...  
[www.hazmatexplo.org](http://www.hazmatexplo.org)

...otherwise please complete this form

### Attendee Information

Full Name \_\_\_\_\_  
 Street \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_  
 Phone \_\_\_\_\_ Fax \_\_\_\_\_ Email \_\_\_\_\_  
 Company Name \_\_\_\_\_

### Conference Fees

Registration (August 1 through October 9) - \$150 ..... \$ \_\_\_\_\_  
 Registration (October 10 through November 16) - \$200 ..... \$ \_\_\_\_\_  
 Registration for Nevada LEPC Members - \$95 ..... \$ \_\_\_\_\_  
 Organization/Agency Name \_\_\_\_\_ County \_\_\_\_\_  
 Chemistry Made Simple - \$30 ..... \$ \_\_\_\_\_  
 Keynote Breakfast - \$10 ..... \$ \_\_\_\_\_  
 Nevada Test Site Tour - \$15 (Tour attendees must complete tour form on website ) ..... \$ \_\_\_\_\_  
 Yucca Mountain Tour - \$15 (Tour attendees must complete tour form on website ) ..... \$ \_\_\_\_\_  
 Total Charges: ..... \$ \_\_\_\_\_

### Payment Method

Check - Ck# \_\_\_\_\_  Purchase Order - PO# \_\_\_\_\_  
 MasterCard  Visa - Number: \_\_\_\_\_ Exp.Date: \_\_\_\_\_  
 Cardholder Name: \_\_\_\_\_ Cardholder Signature: \_\_\_\_\_

**Website Registration is recommended.** If however, you wish to mail application, please mail completed form to:  
 HazMat Explo 10,  
 ATTN: Carolyn Levering, Clark County LEPC,  
 P.O. Box 551713,  
 Las Vegas, NV 89155-1713.

Cancellation and refunds will be made only if requested before October 15, 2006.  
 Registration may be transferred to another individual if notice is received prior to November 1, 2006.

### Classification

What is your primary classification? (If not specifically listed, please choose the closest classification)

Government (local, state, federal, tribal)  First Responders (law enforcement, fire, volunteer, security)  
 Medical (EMS/EMT, physician, nurse, administration)  Industry (EH&S Official, plant management, compliance, other)  
 Homeland security

### Hotel

Please contact the Orleans to make your room reservations: 800-675-3267 or 702-365-7111. Room block cut-off date is October 10, 2006. The special group rates for rooms are listed below. An additional 9% Clark County room tax will also apply.

Friday, Nov 10th and Saturday, Nov 11th .....	\$94.00	Orleans Hotel
Sunday, Nov 12 thru Thursday, Nov 16th .....	\$54.00	4500 W. Tropicana Ave.
Friday, Nov 17th .....	\$94.00	Las Vegas, Nevada 89103

# HazMat Explo<sup>10</sup>

## Conference and Exposition

**Early Bird!**

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## Orleans Hotel & Casino

Conference November 13th - 16th, 2006

## Conference Sponsors:

- Nevada State Emergency Response Commission
- US Environmental Protection Agency
- Nevada Association of Counties
- US Department of Justice
- Nevada League of Cities
- Federal Emergency Management Agency
- Nevada Division of Emergency Management
- US Department of Transportation

HazMat Explo also proudly supports the Firerescue Conference & Expo  
November 7 - 11, 2006 Visit: [www.firerescueexpo.com](http://www.firerescueexpo.com)

HazMat Explo 10  
Attention: Carolyn Levering  
Clark County Emergency Management  
P.O. Box 551713  
Las Vegas, Nevada 89155-1713

[www.hazmatexplo.org](http://www.hazmatexplo.org)  
Phone: 702-455-5710; Fax: 702-455-5718  
Conference Coordinator: Kinetix, Inc.  
[www.ekinetix.com](http://www.ekinetix.com)  
[info@ekinetix.com](mailto:info@ekinetix.com)

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