



Disaster Epidemiology Regional Training



The Council of State and Territorial Epidemiologists (CSTE) in collaboration with the Centers for Disease Control and Prevention (CDC) National Center for Environmental Health/Agency for Toxic Substances and Disease Registry, the National Institute for Occupational Safety and Health, UCLA Center for Public Health and Disasters, Los Angeles County Department of Public Health, and Southwest Regional Public Health Training Center are coordinating an inaugural regional disaster epidemiology training in California. This training will bring together three existing federal tools for epidemiologists in disaster situations - Community Assessment for Public Health Emergency Response (CASPER), Emergency Responder Health Monitoring and Surveillance (ERHMS), and Assessment of Chemical Exposures (ACE) into one convenient location. Epidemiologists have technical skills that are needed in all phases of the disaster cycle and can be utilized to produce actionable information during an emergency.

The goal of the training is to build capacity in local, Tribal and state health departments for disaster epidemiology; raise awareness and utilization of these tools to cross train existing epidemiologists in local, Tribal, and state health departments; provide an opportunity for regional and local partners in California to gain shared information and skills, provide input, and consolidate planning on critical disaster epidemiology activities; and strengthen preparedness in the State of California to better respond to and recover from any intentional and unintentional disasters.

Event Details

April 25-26, 2012

Courtyard Los Angeles Westside

6333 Bristol Parkway · Culver City, CA 90230



By Attendees will be asked to select one of the following tracks. By the end of the training course, attendees of each respective track will be able to:

CASPER

- Describe the role of a Community Assessment for Public Health Emergency Response (CASPER) survey during a disaster response
- Define when to conduct a CASPER
- Explain why a multi-stage cluster sampling design is used in CASPER
- Assist in conducting a CASPER response
- Select appropriate households to survey when given a map of a cluster
- Understand how to analyze and interpret results of a CASPER

ERHMS

- Identify the need for and value of conducting monitoring and surveillance of emergency responders, contractors and volunteers involved in response to an incident
- Identify components needed for an emergency responder health monitoring and surveillance system before, during, and after emergency events
- Identify documents and tools that can be adapted for their own agency's emergency responders
- Assess current emergency responder health monitoring and surveillance activities, identify gaps, and practical next steps for filling them.

ACE

- Describe when it is useful to perform an assessment after a chemical release
- Explain how to plan an Assessment of Chemical Exposures (ACE) investigation
- Conduct interviews using ACE survey tools
- Understand how to manage and analyze ACE data using Epi Info TM 7
- Show ways that the data from a rapid assessment after a chemical release can be used

**Limited funding may be available to attend this regional training.
For more information contact Erin Simms (esimms@cste.org) or 770-458-3811.*



**Disaster Epidemiology Regional Training Agenda
April 25-26, 2012
Courtyard Los Angeles Westside, Culver City, CA**

Wednesday, April 25

- 8:00 – 8:30 am Onsite Registration/ Breakfast (provided)
- 8:30 – 9:45 am Welcome, Introductions and Overview
Council of State and Territorial Epidemiologists -- Michael Heumann, consultant
California Dept of Health – Elisabeth Lyman, Deputy Director, Public Health
Emergency Preparedness
Los Angeles County Health Dept. – Dr. Laurene Mascola, Chief
Acute Communicable Disease Control Program and CSTE President-Elect
UCLA Center for Public Health & Disasters – Dr. Kimberly Shoaf, Associate Director
and Director, Southwest Regional Public Health Training Center
- 9:30 – 9:45 am Local experience of epidemiological role in responding to disasters – Brandon Dean, Los Angeles
County Health Department
- 9:45 – 10:00 am State public health role in assessment of chemical exposures – Dr. Rachel Roisman, California
Department of Public Health
- 10:00 – 10:15 am Break
- 10:15 – Noon Morning training sessions
Track 1: Community Assessment for Public Health Emergency Response (CASPER)
Track 2: Emergency Responder Health Monitoring and Surveillance (ERHMS)
Track 3: Assessment of Chemical Exposures (ACE)
- Noon – 1:00 pm Lunch (provided)
- 1:00 – 5:00 pm Afternoon training sessions
Track 1: Community Assessment for Public Health Emergency Response (CASPER)
Track 2: Emergency Responder Health Monitoring and Surveillance (ERHMS)
Track 3: Assessment of Chemical Exposures (ACE)

Thursday, April 26

- 8:00 – 12:30 pm Final training sessions
Track 1: Community Assessment for Public Health Emergency Response (CASPER)
Track 2: Emergency Responder Health Monitoring and Surveillance (ERHMS)
Track 3: Assessment of Chemical Exposures (ACE)
- 12:30 – 1:30 pm Lunch (provided)
- 1:30 – 3:30 pm Evaluation, next steps and final remarks
Michael Heumann
Dr. Kimberly Shoaf
- 3:30 pm Adjourn