



## South Central Public Health Partnership

### TRAINING PROFESSIONALS TO PROTECT THE PUBLIC

<http://lms.southcentralpartnership.org/scphp>

### **Bioterrorism Preparedness: Principles of Emerging Infectious Diseases**

**Instructor:** Sten H. Vermund, MD, PhD and Richard Kaslow, MD, MPH

This course will introduce participants to basic concepts and terminology of infectious diseases. Topics include: transmission dynamics of emerging and re-emerging infectious diseases; various factors that contribute to the emergence and re-emergence of key infectious diseases; steps and decision points in managing an outbreak; specific intervention and prevention strategies, including those relating to the protection of public health workers; and the role of state health departments vis-à-vis emerging infectious diseases. **Nursing CEU's will be available (9.6 contact hours). Social Work CEU's will be available (8.0 contact hours).**

#### **Learning Objectives**

- Describe the transmission dynamics and other features of key emerging and re-emerging infectious diseases of concern to public health professionals
- Explain the factors that contribute to the emergence and re-emergence of key infectious diseases
- Explain the key steps and decision points in managing an outbreak, and describe intervention and prevention strategies, including those relating to the protection of public health workers
- Describe measures for protecting individuals from emerging infectious diseases
- Describe the role of state health departments vis-à-vis emerging infectious diseases, and explain how it relates to that of other key entities involved in dealing with emerging infectious diseases

#### **Competencies**

- Describe the public health role in emergency response in a range of emergencies that might arise.
- Recognize unusual events that might indicate an emergency and describe appropriate action (e.g., communicate clearly within the chain of command.)

*\*Bioterrorism and Emergency Readiness*

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