



## South Central Public Health Partnership

### TRAINING PROFESSIONALS TO PROTECT THE PUBLIC

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

#### **Bioterrorism Preparedness: Factors for the Emergence/Reemergence of Infectious Diseases**

**Instructor:** Sten Vermund, MD, PhD

This course will introduce participants to the factors for the emergence/reemergence of infectious diseases. Topics include: mechanisms of the development of antimicrobial resistance; the ways in which environmental and ecological factors influence infectious diseases; and transmission dynamics of infectious diseases. **Nursing CEU's will be available (7.2 contact hours). Social Work CEU's will be available (6.0 contact hours).**

#### **Learning Objectives**

- Identify factors that contribute to the emergence and reemergence of infectious disease
- Describe the mechanisms of the development of antimicrobial resistance
- Illustrate how environmental and ecological factors influence infectious diseases
- Describe transmission dynamics of 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*

*To register for this course visit us at  
<http://lms.southcentralpartnership.org/scphp>*