



South Central Public Health Partnership

TRAINING PROFESSIONALS TO PROTECT THE PUBLIC

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

Community Health and Disease

Instructor: Thomas Farley, MD

Course Description

The course will describe the biological processes underlying the most important causes of morbidity and mortality in the U.S. and connect these with community disease prevention/health promotion strategies. For each health problem, the course will review:

- the physiology and pathophysiology of the organ systems involved,
- individual- and population-level causes and behavioral determinants of disease,
- the patterns of disease occurrence in populations, and individual- and community-level strategies for prevention.

Learning Objectives

- Describe the leading causes of potential life lost in the U.S.
- Describe the biologic mechanisms of diseases for these leading causes
- Describe individual-level behavioral risks for these diseases
- Identify population-level and environmental risks for these diseases
- Describe prevention strategies at the individual and community level, including policy and environmental strategies

Core Competencies for Public Health Professionals **Council on Linkages between Academia and Public Health Practice*

- 1A1: Identifies the health status of populations and their related determinants of health and illness
- 1A2: Describes the characteristics of a population-based health problem
- 6A5: Describes the scientific evidence related to a public health issue, concern, or, intervention

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