



THE UNIVERSITY OF ARIZONA

Mel & Enid Zuckerman
College of Public Health

**Mel and Enid Zuckerman College of Public Health
University of Arizona**

EPID 596D Public Health Experience - Student Epidemiology Response Team

Catalog Description: This course is designed to give public health & epidemiology graduate students "real world" experience in working in public health and to expose them to local and state public health issues. The course will cover all the basics of outbreak investigations as run by state and county health departments in Arizona. While the main focus will be on communicable diseases, many of the topics covered will be applicable to most disease investigations. Training will occur both at the university and off-site at state and county health department offices. (2 units)

Course Topics:

- Survey Training
- Data Cleaning
- Questionnaires
- Foodborne Diseases
- Database Management

Course Objectives: During this course, students will:

- Develop sufficient skills and background to then be eligible to take part in public health interventions and outbreak investigations.
- Respond to local and state requests for assistance within a short period of time.
- Take on leadership roles, specifically with regard to any topic in which they have received advanced training.

Learning Outcomes (Competencies Obtained): Upon completion of this course students will be able to:

1. Work effectively on a disease investigation in the field of public health
2. Demonstrate knowledge of common protocols for disease investigations
3. Be familiar with the structure and organization of state and county health departments in Arizona
4. Understand the functions and steps of disease surveillance
5. Describe challenges involved in conducting an outbreak investigation
6. Identify current and emerging infectious disease threats