



THE UNIVERSITY OF ARIZONA

Mel & Enid Zuckerman
College of Public Health

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

EPID 696A Epidemiology Seminar

Catalog Description: This is a seminar course which consists of presentations given by diverse speakers on a range of topics that may not be available through other courses. Topics may include research methodologies; research ethics; mentoring; epidemiology and the law; the results of research and issues in specific areas such as injury epidemiology, TB control, medical genetics, and infectious diseases; and practical issues of a research career such as finding funding, consulting, career development, and issues in study management. This is also the forum in which MS and PhD epidemiology students will present their results. (1 unit)

Course Objectives: During this course, students will:

- Increase their understanding of a broad range of epidemiological research
- Understand the application of epidemiologic principles by public health agencies to mitigate disease
- Contribute meaningfully to conversations regarding contemporary issues in epidemiology
- Enhance their exposure to individuals with epidemiology-focused careers

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

1. Search, describe and summarize findings from the scientific literature to describe the epidemiology of a public health problem, identify health disparities and identify risk factors
2. Critique and synthesize appropriate literature and research findings to address a research question
3. Develop research questions to address health problems by appraising and identifying gaps in the current scientific literature
4. Understand basic principles of educating professionals and the public on the fundamentals of epidemiological concepts