

PhD Program Educational Objectives
Fall 2012 and Spring 2013

PhD Degree Overall Educational Objectives
1. Describe the distribution and determinants of health and disease in populations, and the factors that influence these distributions.
2. Describe major national and international health concerns, their established risk factors and other contributing factors for these problems.
3. Identify the ethical issues involved with studies of human populations.
4. Develop a systemic approach for planning, collecting, processing and analysis of information and data in research and practice settings.
5. Identify and apply appropriate analytic and statistical methods to data generated from a wide variety of public health research.
6. Translate public health research findings into recommendations for specific interventions, health policies, or further investigative research.
7. Communicate scientific findings clearly and concisely to other health professionals, both orally and in writing, as well as to the media and broader community.
8. Develop and write fundable research proposals and critique those of other investigators.
9. Demonstrate the ability to plan and successfully complete independent research addressing a public health problem.

**PhD in Global Health Objectives, Required Course Learning Objectives,
Outcome Measures, Expected Outcomes and Actual Outcomes**
Fall 2012 and Spring 2013

PhD in Global Health Educational Objectives
1. Analyze contemporary global health issues using quantitative and qualitative analysis, behavioral science, Geographic Information Systems (GIS) tools, evaluation technology, and other public health skills in order to describe and address a variety of global health challenges.
2. Work within the political economy of existing global health programs, and organizations, using a broad understanding of historical perspectives, cultural contexts, health systems, environmental concerns, and global health governance instruments.
3. Apply skill to identify, study, prevent, and respond to emerging, and persistent infectious disease threats of global importance.
4. Apply skills to identify, study, prevent, and respond to the growing epidemics of non-communicable diseases, including, among others, cardiovascular disease, cancers, injuries, and mental health problems.
5. Apply skills to identify, study, and respond to health services and health policy issues (e.g., access to care, disparities, financing, health technologies, quality issues) affecting global populations.

6. Recognize, understand, and explain unique U.S./Mexico regional, bi-national governance structures, and other unique issues other unique issues and border health issues including the intersection of health and culture, which arise in regions with substantial population migration.
7. Write or contribute to the writing of research or program proposals, scientific reports, and evaluations, and be able to evaluate the writings of other health professionals
8. Design, conduct, and evaluate global health and health services research projects that demonstrate cultural understanding, adherence to bioethical principles, and recognition of the global cooperation necessary for the success of such programs.
9. Assume management and other leadership roles in global health research and practice using skills in human resource management, budgeting, report writing, and public speaking.