

Learning Objectives for the Advanced Professional M.P.H. Program Global Health Track
(for students matriculating in the 2009-2010 academic year)

Core Curriculum

Upon completing the core curriculum of the M.P.H. program, the student will be able to:

- Demonstrate a knowledge base in the disciplines of biostatistics, chronic and infectious disease epidemiology, health systems, public policy, social and behavioral sciences, and environmental health.
- Apply basic research skills to specific public health problems in both group and individual settings, including the ability to define problems; construct, articulate and test hypotheses; draw conclusions; and communicate findings to a variety of audiences.
- Explain the interrelationships between a multitude of factors that can impact on a public health problem, including scientific, medical, environmental, cultural, social, behavioral, economic, political, and ethical factors.
- Review, critique, and evaluate public health reports and research articles.
- Apply public health concepts, principles, and methodologies obtained through formal course work to actual problems experienced in the community or work environment.
- Critically evaluate programs, interventions, and outcomes that relate to public health practice.
- Apply ethical standards and professional values as they relate to the practice of public health.
- Demonstrate sensitivity to the social context within which public health professionals practice.

Global Health Track

Upon receiving an M.P.H. degree in the Advanced Professional M.P.H. Program, with a concentration in Global Health, the student will be able to:

- Describe the major causes of morbidity and mortality in the world and in the world's major regions
- Describe the epidemiology, transmission and pathogenesis of global infectious diseases, including Neglected Tropical Diseases
- Apply burden of disease measures to the analysis of global health disparities
- Explain the causes of global health disparities
- Review methods available to control each of the world's major diseases
- Evaluate which disease control measures would be most appropriate for a given setting
- Describe cross-national determinants of health, including globalization, international trade policy, practices of multinational corporations, urbanization, migration, international conflict and environmental change
- Analyze global health problems, taking into account their social, political, economic, legal, and human rights dimensions
- Critically assess the global health governance infrastructure and analyze alternative approaches for health care delivery, regulation, and financing
- Apply relevant concepts and theories to policy and management challenges faced by health systems in low-, middle-, and high-income countries
- Assess global health issues from an interdisciplinary perspective, including public health disciplines, medicine, international relations, environmental studies, political science, law, anthropology, and others
- Apply necessary leadership skills to serve as bridges between the global health research and practice settings
- Apply quantitative and qualitative research methods to global health issues
- Explain and propose solutions for the unique challenges involved in conducting public health research in low-resource settings