

FUNDAMENTAL CONCEPTS IN GLOBAL HEALTH

INTH 301 / 401

Spring 2008

Requirements: Junior, Senior, Graduate student
Course Schedule Tues at 2:45-5:15p with a 5 min break **4136 Wolstein Research Bldg.**
Evaluation: Undergraduates-problem sets, exam. Graduates-problem sets, exam, paper
Estimated Number of students: 35-70
Faculty: Ronald Blanton, Daniel Tisch, Janet McGrath, David Gurarie, Joseph Koonce, Elizabeth Madigan, Shirley Moore, Peter Zimmerman, Charles King, Patricia Marshall, Sree Sreenath

<p>Course director: Ronald Blanton 4133 Wolstein Research Bldg. Phone: 368-4814 Email: reb6@case.edu Office Hours: 10:00-11:30 a.m. or by appt</p>
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Course Objectives

- Provide a sufficient foundation in fundamental concepts to enable students to read and understand the literature from multiple disciplines and communicate meaningfully with colleagues from distant fields in the area of global health.
- Provide a context of real life case studies both regional and global with the use of real data
- Obviate the importance of an integrated approach to global health by reference to 3 case studies with significant multidisciplinary aspects

Course Description

This course seeks to integrate the multiple perspectives and objectives in global health by showing how the disciplines of Biology, Medicine, Bioethics, Epidemiology, Anthropology, Nursing, Mathematics and Engineering analyze and approach the same set of international health problems. Students will develop a shared vocabulary with which to understand these various other perspectives from within their own discipline. Each instructor will focus on the same 3 case studies to emphasize issues related to the health consequences of development projects, emergency response to a health care crisis and diseases of development in the presence of underdevelopment. The course is a requirement for all candidates for **Certificates** in Global Health (see <http://www.case.edu/med/cfgh/Certificate.html>).

Course Readings

All required readings are publicly available, available in electronic journals from the library or will be provided as a syllabus developed by the faculty. Additional readings are available on the class Blackboard site. No required readings will have to be purchased.

Focused Case Studies

Richard-Toll and Senegal Dam Projects and unintended consequences
Angola Marburg Outbreak, an international emergency
Nutritional transition in Mexico, obesity, heart disease

Please refer to the Framework website for complete details.
<http://www.case.edu/med/cfgh/Coursesframework.html>