PHS 810-644: Interdisciplinary Perspectives on Global Health and Disease: Latin America
New Section Proposal
PHS 644-010
2 credits
Spring Semester 2011
2 hours per week: 5:30-7:30
Dates to be determined.

Prerequisites:

This section of PHS 644 is intended for graduate and health professional students and those participating in the Certificate in Global Health. Upper-level undergraduate students may also participate on a space-available basis with consent of instructor. Thus, the pre-requisite will be: Must be in a graduate or health professional student; or by permission of instructor. Preference will be given to students who plan to participate in a PHS 645 Global Health Field Study in Ecuador or Mexico, or other credit-based field experiences in Latin America.

Faculty:

The Center for Global Health Steering Committee and Staff are responsible for coordination of PHS 644 and its sections (please see the overall course syllabus for list of course faculty). This section is being led by the following faculty and instructional staff who have expertise specific to Latin America and who have led global health field activities in Ecuador and Mexico.

Frank Hutchins, PhD, Anthropology. Bellamarine University
Dr. Hutchins leads the PHS 645 Ecuador Field Study, offered through UW’s International Academic Programs.

David Gaus, MD, MPH
Dr. Gaus has played a critical role in the development and continuation PHS 645 Ecuador Field Study and will join the UW Department of Family Medicine in summer of 2010.

Lori DiPrete Brown, MSPH. Faculty Associate, Center for Global Health; MPH Program Faculty; Director, Certificate in Global Health.

Christopher W. Olsen, DVM, PhD. Professor of Public Health and Associate Dean for Academic Affairs, School of Veterinary Medicine.

Trish Seys Raynola, DPharm. Ecuador Field Course Instructor.

Keith Poulsen, DVM. School of Veterinary Medicine. Ecuador Field Course Instructor.
The following members of the UW community have provided guest lectures and or helped to prepare students for field study in Mexico and Ecuador in Spring of 2010 and will be included in the programming for the new Latin American Section.

Alberto Vargas, PhD, LACIS.
Aída Inuca, Madison Community.
Armando Muyulema, PhD, LACIS.
Carolina Schlenker, MD.
Thomas Yuill, PhD. Professor Emeritus, School of Veterinary Medicine.
Paul Zedler, PhD. Professor, Nelson Institute.

Course Description:

This 2-credit semester course provides country-specific interdisciplinary perspectives on global health and disease. While the course is open to all students interested in Latin America, it is designed to prepare students for the PHS 645 Global Health Field Studies in Ecuador and Mexico and other credit-bearing field experiences related to global health.

The course will address topics related to maternal and child health, nutrition, infectious disease, chronic illness, environmental health, and the human-animal link in health and disease. The interdisciplinary approach brings in perspectives from medicine, veterinary medicine, nursing, pharmacy, public health and the social sciences. Each section will provide a historical and cultural overview and will include consideration of cultural competence and cultural humility. Each section will also engage students in learning about country-specific health data and descriptive information about the health system. Students will work individually and in small, interdisciplinary groups to explore health topics relevant to the sites they will visit. They will be oriented to learn from local health care providers and community members about community strengths and needs, so that they are prepared to carry out their field study within a framework of mutual learning, respect for local knowledge, and professional ethics.

Course Objectives:

By the end of the course student will be able to:

- Explain the global burden of diseases, the health transition, and the triple burden of disease as it relates to the country studied.

- Describe how country-specific environmental, cultural, economic, and social factors influence health.

- Review the structure of the health system in the country studied, the role of primary health care, public health, and non-governmental organizations in the health sector.

- Describe diseases commonly found in the country studied and explain the etiology, epidemiology, clinical presentation in humans and animals, public health implications, and prevention and treatment strategies.
• Explore public health approaches for maintaining health and preventing and treating illness in community settings, including surveillance, diagnostic activities, and interventions. This should include basic health needs such as maternal and child health and nutrition, as well as transnational health challenges such as avian flu, HIV/AIDS and other acute and chronic emerging issues.

• Utilize principles and strategies for interdisciplinary team work (communication, negotiation, respect for group dynamics, and conflict resolution).

• Explore concepts related to cultural competence and cultural humility, as well participatory community approaches to health.

• Examine ethical issues related to international health.

Teaching Methods:

Seminars will include didactic presentations and discussions led by UW course leaders, content experts and visiting faculty. Students will participate in classroom discussions, group work, and web-based discussions. Each student will deliver a presentation.

Grading and Assignments:

Course grades will be based on attendance, participation and discussion as well as classroom assignments. While assignments and the weight given to assignments may vary by section at the discretion of instructors, the following evaluation guidelines will be used for the course:

20% -- Attendance at lectures and participation in class discussion.
20% -- Assignment related to profiling the health status and health system in the country studied (may use “geo-journal” or similar group assignment that engages students in gathering global health data).
30% -- Weekly readings and written assignments (to be determined by section leaders and speakers).
30% -- Culminating Paper and presentation of small group project.

There is no final examination in this course. The grading scale for the course will be: 90-100 A; 85-89 AB; 80-84 B; 74-79 BC; 69-73 C; 64-68 D; 63 or below F.
Course Schedule for Spring 2011  
DRAFT  
Weekly Evening Seminar: 5:30-7:30pm

**Session 1**  
**Course Overview**  
Introduction to Global Public Health

Course Faculty


*Are you Practicing Cultural Humility?- The Key to Success in Cultural Competence.* 2007. California Health Advocates, Newsletter.  


Ivan Illich, To Hell with Good Intentions.

**Session 2**  
**Ecuador and its Health Care System**  
David Gaus


Review Millennium Development Indicators and other data about Ecuador at [www.developmentgoals.org](http://www.developmentgoals.org). Other readings to be determined.

**Session 3**  
**Mexico and its Health Care System**  
Alberto Vargas and Carolina Schlenker


Review Millennium Development Indicators and other data about Mexico at [www.developmentgoals.org](http://www.developmentgoals.org). Other readings to be determined.
Session 4  **Zoonotic and Infectious Diseases in Latin America**  
Christopher Olsen, DVM, PhD


Additional Briefs: Learning about the Community on Foot, Rabies, Plague, Worms, Cysticercosis, Leshmania, Chagas

**Session 5  Non-Infectious Disease in Latin America**  
David Gaus and others TBD

Readings to be determined.

**Session 6  Traditional Therapies and Herbal Pharmaceuticals in Latin America**  
Trish Seyes Raynola


**Session 7  Animal Health at the Community Level in Ecuador**  
Keith Poulson

**Session 8  Introduction to Anthropological Perspectives on Health**  
Frank Hutchins


Wibbelsman, Michelle. *Ritual Encounters: Otavalan Modern and Mythic Communities*. (Selected Chapters).

Health in the Andes: The Modern Role of Traditional Medicine (Part I and II)
Session 9  The Birth Experience in Rural Ecuador: The Perspective of Indigenous Women and Midwives  
Frank Hutchins, Aida Inuca


Hermida, J., Patricio Romero, Ximena Abarca, Luis Vaca, María Elena Robalinu, Luis Vieira.  
The Law for the Provision of Free Maternity and Child Care in Ecuador.

Session 10  Food, Nutrition and Health in Latin America  
Case Studies from Guatemala, Haiti, and Mexico  
David Gaus and Lori DiPrete Brown


Session 11  Ways of Learning from/with Communities  
Introduction of Group Projects  
Lori DiPrete Brown

Mathie, Alison and Gord Cunningham, MA, From Clients to Citizens: Asset-Based Community Development as a Strategy For Community-Driven Development, The Coady International Institute, St. Francis Xavier University, January 2002.


OUR PEOPLE, OUR RESOURCES, supporting rural communities in participatory action research on population dynamics and the local environment. Thomas Barton, Grazia Borrini-Feyerabend, Alex de Sherbinin and Patrizio Warren with contributions from IUCN staff, members and partners.

**Session 12  Environmental Health in Ecuador and Mexico: Panel**

- Environmental Initiatives in Imbabura
- Water and Sanitation in Ecuador
- Efforts to assure Water Quality in Jalisco

**Session 13  Professionalism, Ethics and Human Rights**

David Gaus, Lori DiPrete Brown


**Session 14  Indigenous Culture ad Cross Cultural Perspectives**

Armando Muyulema

**Session 15  Student Presentations**

Students present group projects before their peers and panel of faculty. They will receive feedback and revise their work before carrying out activities in the field.