

## Global Health (CMH 771)

### I. REQUIRED COURSE TEXT & READINGS:

Buckingham, RW. (2001) A Primer on International Health. 1<sup>st</sup> edition. Needham Heights, Mass; USA; Allyn and Bacon.

### BIBLIOGRAPHY

Barnett ED. Infectious Diseases Screening for refugees Resettled in the United States. *Clin Infect Dis* 2004;39:833-41.

Bussey-Jones J, Genao I, Marie St. George D, et al. Knowledge of Cultural Competence among Third-Year Medical Students. *J Nat Med Assoc* 2005;97:1272-6.

Carnegie Council. *Human Rights Dialogue* 2001;2(6):1-24.

Chen LH, Barnett ED, Wilson ME. Preventing Infectious Diseases during and after International Adoption. *Ann Intern Med* 2003;139:371-8.

Enwonwu CO. Noam-The Ulcer of Extreme Poverty. *N Engl J Med* 2006;354:221-4.

Gupta AR, Wells CK, Horwitz RJ et al. The International Health Program: The Fifteen Year Experience with Yale University's Internal Medicine Residency Program. *Am J Trop Med Hyg* 1999;61:1019-23.

Karanja LW. Domestic Violence and HIV Infection in Uganda. *Human Rights Dialogue* 2.10 2003;1-3.

Muenning P, Pallin D, Sell RI et al. The Cost Effectiveness of Strategies for the Treatment of Intestinal Parasites in Immigrants. *N Engl J Med* 1999;340:773-9.

Nathanson N. The Emergence of Infectious Diseases: Societal Causes and Consequences. *ASM News* 1997;63:83-8.

Petti CA, Polage CR, Quinn TC et al. Laboratory Medicine in Africa : A Barrier to Effective Health Care. *Clin Infect Dis* 2006;42:377-82.

Pogge T. World Poverty and Human Rights. *Ethics International Affairs* 2005;19:1-7.

Sehdev PS. The Origin of Quarantine. *Clin Infect Dis* 2002;35:1071-2.

Stern AM, Markel H. International Efforts to Control Infectious Diseases, 1851 to the Present. *JAMA* 2004;292:1474-9.

## **II. BASIC COURSE INFORMATION**

John S. Czachor MD, FACP, FIDSA, FSHEA Professor of Medicine, Chief of Infectious Diseases, is the course director. In addition, Thomas E. Herchline, MD, FACP Associate Professor of Medicine will also have scheduled lecture time. Other faculty members from WSU Boonshoft School of Medicine will participate as well.

Course material required: Textbook, reading list. See bibliography

## **III. COURSE DESCRIPTION**

This course will introduce the students to global health concepts. This relates to health issues and concerns that transcend national borders, class, race, ethnicity and culture. The global health selective will investigate the commonalities and differences of health issues throughout the world and how these items are interrelated. Social constructs of health will be reviewed, as well as how environmental factors and political decision-making affect global and international health.

## **IV. COURSE LEARNING OBJECTIVES**

Upon successful completion of this course the student will be able to:

1. Differentiate the multiple factors that determine the state of health in a global setting.
2. Distinguish the concept that health is more than the absence of illness.
3. Demonstrate how global health changes based on changing economies.
4. Identify and / or show how cultural issues affect health.
5. Determine how different global environments produce different health needs and problems.

## **V. Student Competency**

Student competency in this course is evaluated by class participation and discussion, successful defense of scheduled study problems. The study problem defense is a 2-3 page report, a thoughtful discussion based on a problem relevant to the previous lectures. Students are expected to put into practice and thought newly obtained information on global health and how to solve stated problems. There is also a 7-10 page term paper which is a more comprehensive review of a topic decided upon by the student and the instructor. This paper will include references and should be of a topic of interest to the student with global health ramifications. The ultimate goal of the paper is to gain expertise in

that subject above and beyond what is encountered by classroom learning alone.

**VI. PREREQUISITES**

Enrollment in this course requires: formal admissions to the MPH program, Certificate in Health Care Management or, dual MD/MBA-MD/MPH programs or with the permission of the instructor.

**VII. MODE OF INSTRUCTION**

Class is a seminar format with reading assignments, requiring pre-class preparation. Didactic lecture format will be utilized in certain instances as well. Class discussion amongst students is required and will be moderated by the instructors. Some assignments and class discussion may incorporate web-based instruction.

**VIII. GRADING SYSTEM**

The Wright State University Grading Scale will be used to assign final course grades.

<u>Exercise</u>	<u>Points</u>
Major Paper	50
Study Problem 1	20
Study Problem 2	20
Class Participation	10

- Letter grades:
- A – 90-100%
  - B – 80-89.9%
  - C – 70-79.9%
  - D – 60-69.9%
  - F – 59.9% or lower

**IX. ACADEMIC INTEGRITY:**

All student work is to be completed individually, unless stated otherwise in writing. Absolutely no academic misconduct will be tolerated in this course. Regardless of the type of assignment, students found responsible for violating the WSU Academic Integrity Policy will receive an “F” for the course. All violations will be forwarded to the Office of Judicial Affairs where a university disciplinary file will be created.

Information regarding academic misconduct can be found in the Code of Student Conduct located at

[http://www.wright.edu/students/judical/stuintegrity.html](http://www.wright.edu/students/judicial/stuintegrity.html)

Please contact the instructor during office hours should you have any questions or concerns.

**X. COURSE OUTLINE:**

Week 1	Course Introduction History of Global Health Cultural Competency
Week 2	Human Rights and Health
Week 3	Social determinants of Health in the International Setting
Week 4	Globalization and Its Effects Upon Health
Week 5	Global Burden of Disease
Week 6	Health Care Delivery Systems
Week 7	The Global Environment and Health
Week 8	Maternal/Fetal Health and Family Planning
Week 9	The Future of Global Health
Week 10	Course Summary Completion of Other Topics