

SPH 298 / SPH 495- Introduction to International Public Health – Course Syllabus

Spring Quarter 2009

Credits: 2

CRN: SPH 298: 93037

Location: Davis campus: classroom 1128 Bainer

Hall <http://registrar.ucdavis.edu/schedule/html/Newroom.cfm?BID=97>

Map:

http://www.cevs.ucdavis.edu/map/map_detail.cfm?assetInfo=22

Days/Time: Wednesdays 5:10-7:00 PM

Course Co-Directors

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Course Faculty

Marius Koga, MD, MPH - IOR

Maria Lucia Pecoraro, MD, MPH – IOR

Guest speakers:

Halleh Seddigzadeh, PhD

Julia Walsh, MD

Lee Riley, MD

Patricia Sohl, MD

Harvey Weinstein, MD, MPH

Maurine Huang, PhD

Cy Carpenter, MD

Course Description

Introduction to International Public Health will orient students to the socio-cultural and economic influences on population-level variation in health and well-being. The continuum between health and illness will be explored, focusing on both the proximate and distal determinants of variation in health and well-being. Students will learn about key players in international health—the multilateral and bilateral donor communities,

Ministries of Health, UN agencies, foundations, NGOs—and understand important shifts in donor policies towards healthcare delivery. They will be introduced to the major health problems currently affecting the developing world, and alerted to the importance of employing a population-based vs. a purely clinical approach to solving these health problems.

Course Objectives

1. Describe the importance of culture, class, and gender on perceptions of health and illness, on health status, and on access to services;
2. Describe the health situation of a country using the concepts of demographic and epidemiological transition
3. Delineate the difference between population-based and clinical approaches to health improvement and why population-based approaches are more effective in resource poor settings;
4. Explain how international health status is measured and communicated;
5. Discuss the ethical issues implicit in conducting research in the developing world;
6. Identify the key players in international public health;
7. Outline the major policy and program shifts in international public health over the last 25 years;
8. Discuss economic, community, and social development issues as related to the definition of health problems and the development of interventions
9. Recognize the role of health systems and the impact of health care financing mechanisms in international public health
10. Enumerate and discuss the main causes of ill health in the developing world.
11. Integrate human rights into the analysis of international public health problems
12. Discuss the international health responses in natural disasters and complex emergencies

Course Structure

The course will employ a lecture/discussion/small group participation format. There will be ten, two-hour, sessions. The first class will introduce students to the field of international health. Lectures 2 through 8 will cover specific international health issues; the last two classes will be poster sessions where students will present their final term projects.

Evaluation

Attendance & participation. Students are expected to attend all sessions, complete required readings, and participate in group assignments. Class attendance and discussion will account for 40% of the final grade. During the first class, students will sign up for teams that will be responsible for guiding discussion of the lecture topics during the second half of each class during weeks 2 through 8.

Final papers. Students will prepare a final 10-12 page paper on a topic of their choice. The papers should address key research and/or policy issue related to International Health.

All papers are due by the last class session on June 04. The final paper will count for 30% of the course grade.

Abstract presentation. The last session will be devoted to a poster or Power point session. Students will create and present a poster or a PPT on their final paper topic. The abstract presentation will count for 30% of the final grade.

Grading

Pass: 65% or >65% **Fail:** <65%

Class Schedule

Session 1 April 1

Introduction to International Public Health. Cross-Cultural Perspectives and Competence in International Health

Instructor: Patrick Marius Koga, MD, MPH

Readings

1. Scrimshaw SC. 2001. Culture, behavior and health. In: MH Merton, RE Black, and AJ Miles (eds.) *International Public Health: Diseases, Programs, Systems and Policies*. Gaithersburg, MD: Aspen Publishers, pp. 53-78.
2. Singer M, Castro A. 2004. Anthropology and Health Policy: A critical perspective. In: A Castro, M Singer (eds.): *Unhealthy Health Policy: A Critical Anthropological Examination*. Walnut Creek, CA: Altimira, pp. xi-xx.

Session 2 April 08

Populations: Measures, Demographic Transition and Problems. Global Burden of Disease.

Instructor: Patrick Marius Koga, MD, MPH

Readings

1. Merton MH, RE Black, and AJ Miles. 2001. Introduction. In: *International Public Health: Diseases, Programs, Systems and Policies*, MH Merton, RE Black, and AJ Miles (eds.), Aspen: Gaithersburg, MD, pp. xvii-xxvi.
2. User-friendly Guide to Health Issues in the Beijing Declaration and Platform for Action, Fourth World Conference on Women (Sept. 4-15, 1995). 1999. Geneva: WHO.
3. Joy A. de Beyer, Alexander S. Preker, and Richard G. A. Feachem, "The Role of the World Bank in International Health: Renewed Commitment and Partnership," *Social Science and Medicine*, Vol. 50, No. 2 (January 2000), 169-176.
<http://www.sciencedirect.com/science/journal/02779536>

Session 3: April 15

World Bank, Economics, and Major Players in Global Health

Instructor: Marius Koga, MD, MPH

Guest Speaker: Halleh Seddigzadeh, PhD, Oxford Scholar on International Health Economics, UK

Readings

Tb provided a week prior to class

Session 4: April 29

Disaster Mental Health: War, Terrorism; Military, Refugees, and PTSD

Instructor: Patrick Marius Koga, MD, MPH

Guest speakers: Maurine Huang, PhD, Executive Director, Opening Doors (NGO for refugees) and Sayed Ahmadzada, Imam of the Afghan Community and Religious Center of Sacramento

Readings

1. Summerfield, D. 2005. Disaster Mental Health: Lessons from Aberfan
BMJ 2005;330:254 (29 January), doi:10.1136/bmj.330.7485.254-a
2. Scholte et al. Mental Health Symptoms Following War and Repression in Eastern Afghanistan, *JAMA*.2004; 292: 585-593.
3. Trueman W. Sharp, Frederick M. Burkle, Jr., Andrew F. Vaughn, Rashid Chotani, and Richard J. Brennan: *Challenges and Opportunities for Humanitarian Relief in Afghanistan* Clinical Infectious Diseases 2002;34:S215-S228. This article is in the public domain at <http://www.journals.uchicago.edu/CID/journal/issues/v34nS5/020228/020228.text.html?erFrom=-4987797285588775981Guest>

Session 5: May 06

Slum Health: Emerging and Re-Emerging Infectious Diseases

Instructor: Lee Riley, MD, UC Berkeley

Readings

1. Ferrazoli L, Palaci M, Marques LRM, Jamal LF, Aifune JB, Chimara E, Martins MC, Telles MAS, Oliveira CAF, Palhares MC, Spada DTA, Riley LW, 2000. *Transmission of tuberculosis in an endemic urban setting in Brazil*, Int J Tuberc Lung Dis, 4:18-25
2. Ko AI, Reis MG, Ribeiro Dourado CI, Johnson WD, Riley, LW. 1999. *Urban Epidemic of Severe Leptospirosis in Brazil*, Lancet, 354: 820-25
3. Shin S, Furin J, Bayona J, et al. 2004. *Community-based treatment of multidrug-resistant tuberculosis in Lima, Peru: 7 years of experience*. Social Science and Medicine 59: 1529-1539.
4. Telles MAS, Ferrazoli L, Waldman EA, Giampaglia CMS, Martins MC, Ueki SYM, Chimara E, Silva CA, Cruz V, Waldman CCS, Heyn I, Hirono IU, Riley LW. A 1999. *Population-based study of drug resistance and transmission of tuberculosis in an urban community*. Int J Tuberc Lung Dis 9 (9): 970-976

Session 6: May 13

Human Rights and International Health

Instructor: Harvey Weinstein, MD, MPH,

Associate Director and Professor, UC Berkeley Center for Human Rights

Readings

Lie, RK., *Health, Human Rights, and Mobilization of Resources for Health*, **BMC International Health and Human Rights**, 2004, 4:4

Session 7: May 20

International Women's Health

Instructor: Julia Walsh, MD, UC Berkeley

Readings

1. Hord C, David HP, Donnay F, Wolf M. 1991. Reproductive health in Romania: Reversing the Ceausescu legacy." *Studies in Family Planning*. 22(4): 231-240.
2. Menken J, and Rahman O. 2006. Reproductive Health pp 71-125 (10 pages of references) in Merson M, Black RE, Mills AJ *International Public Health: Diseases, Programs, Systems and Policies* 2006.
3. Thaddeus S, Maine D. 1994. Too far to walk: Maternal mortality in context. *Social Science and Medicine* 38(8): 1091-1110.
4. Toubia N. 1994. Female circumcision as a public health issue. *New England Journal of Medicine* 331(11): 712-716.

Session Eight: May 27

Natural Disasters and Complex Emergencies: Global Health Response to Tsunami, Katrina, and the Pakistan Earthquake

Instructor: Patrick Marius Koga, MD, MPH

Guest speaker: Cy Carpenter, MD, Tulane University

Readings

1. Stephenson, J. 2005. Post-Tsunami Relief Efforts, *JAMA*. 2005;293:1316.

Session Nine: June 03

Poster Session

Session Ten: June 10

Poster Session

(Final papers due)

Readings available online on the course webpage.

Further suggested (not mandatory) readings

Textbook of International Health, Paul F. Basch, ISBN 019513204

Price at Amazon.com: from \$44.99 (new and used)