

Princeton University
Fall 2013

CRITICAL PERSPECTIVES ON GLOBAL HEALTH AND HEALTH POLICY
GHP 350 / ANT 380 / WWS 380

M-W 11:00 am – 12:20 pm
Lewis Library 138

Instructor:	João Biehl	jbiehl@princeton.edu
Assistant Instructor:	Peter Locke	plocke@princeton.edu
Postdoctoral Fellows:	Betsey Brada	bbrada@princeton.edu
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Course Description

This course introduces students to pressing disease and health care problems worldwide and examines efforts currently underway to address them. Taking an interdisciplinary approach, the course identifies the main actors, institutions, practices, and forms of knowledge production at work in the ‘global health system’ today, and explores the environmental, social, political, and economic factors that shape patterns and variations in disease and health across societies. We will scrutinize the value systems that underpin specific paradigms in the policy and science of global health and place present-day developments in historical perspective.

Key course topics include: the social determinants of health; development and the governance of disease; vertical and diagonal health interventions; technological change and public health; human rights and global health jurisprudence; measuring health outcomes and assessing value for patients; and the shifting role of states, civil society, and public-private partnerships in health care delivery.

Throughout the course, students will be encouraged to think critically and creatively about health problems and policies and to envision innovative and effective interventions. We will emphasize the ways in which the field of global health challenges both the social and natural sciences to keep up with changing socio-medical realities, to illuminate both the benefits and unintended consequences of interventions, and to better understand local worlds and the needs, experiences and capacities of people.

THIS IS A LAPTOP-FREE CLASS.

Please turn off all electronic devices before entering the classroom.

Requirements/Grading

The success of the course depends on your commitment to complete all required readings and watch assigned films, to critically reflect on these materials, to participate actively in class discussions, and to creatively integrate course insights into your group project and final independent research paper.

Grading will be based on:

- **Class attendance, participation, and discussion board posts (20%).** Students are expected to contribute to group and class discussions and may be called upon to elucidate course materials. Each Wednesday by the time class begins students will also be required to post contributions to the Discussion Board on Blackboard; failure to do so will impact the participation grade. Preceptors will read and provide informal feedback on Blackboard posts, and Professor Biehl will also review them periodically. The first post is due Wednesday 9/18, no post is due 10/23 (midterms), and no post is due the final week of class (12/11).
- **Precepts (20%).** All students will be required to attend a precept each week and actively engage all precept discussions and activities, including debates, thinking exercises, and policy memos. This grade will also include small group presentations on specific challenges in global health to take place during the final two precept sessions in December.
- **Midterm take-home exam (25%).** Short essay questions will be posted to Blackboard after class on **10/23**. Your responses should be uploaded to Blackboard by **Friday, 10/25 at 5:00 PM**. Late submissions will be penalized one full letter grade per day.
- **A final individual research paper (35%).** The final paper is meant to allow you to explore your own global health and health policy interests and to encourage you to assess the potential methodological and analytical contributions of your home discipline. The paper can focus on a specific case within the larger field that you studied for your group presentation in precept. In exploring your case—a particular global health challenge (biology/disease, burden, and policy)—you are expected to critically apply the insights and analytics developed throughout the course. The paper should be **10 to 12 double-spaced pages** (*please adhere to this limit!*) and include an additional **one-page abstract** emphasizing applications for health policy. A short outline of the paper is due on December 3rd, and the paper itself is due on Dean's Date, **Tuesday, January 14**, by 5:00 p.m in 116 Aaron Burr Hall. Late submissions will be penalized one full letter grade per day.

See University's general standards for grading:

http://www.princeton.edu/~odoc/grading_policies.html

Books

The following books are on reserve at Stokes Library. These books will also be available for purchase at Labyrinth Books (122 Nassau Street). Additional articles and book chapters can be downloaded from Blackboard's electronic reserve.

- Biehl, João, and Adriana Petryna, eds. 2013. *When People Come First: Critical Studies in Global Health*. Princeton: Princeton University Press.
- Biehl, João. 2007. *Will to Live: AIDS Therapies and the Politics of Survival*. Princeton: Princeton University Press.
- Cueto, Marcos. 2007. *Cold War, Deadly Fevers: Malaria Eradication in Mexico, 1955-1975*. Baltimore: Johns Hopkins University Press.
- Deaton, Angus. 2013. *The Great Escape: Health, Wealth, and the Origins of Inequality*. Princeton: Princeton University Press.
- Farmer, Paul, Jim Yong Kim, Arthur Kleinman, and Matthew Basilio, eds. 2013. *Reimagining Global Health: An Introduction*. Berkeley: University of California Press.
- Farmer, Paul. 2011. *Haiti after the earthquake*. New York: Public Affairs.

Office Hours

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|-----------------|----------------------|---------------------|
| • João Biehl | Wednesdays 2:00-3:00 | 128 Aaron Burr Hall |
| • Peter Locke: | Tuesdays 1:30-3:30 | 211 Robertson Hall |
| • Betsey Brada: | Mondays 3:30-5:30 | 354 Wallace Hall |
| • Yi-Ching Ong: | Mondays 12:30-2:30 | 354 Wallace Hall |

Wednesday, September 11

Introduction

- **Film (to be screened in class):** *The Water of Ayolé* by Sandra Nichols (1988)
Online: http://wms.andrew.cmu.edu:81/nmvideo/Ayole_video.mov
- Bill Gates on progress in global health: http://www.youtube.com/watch?v=qtC_7v4XQ3k
- Gates and Clinton testify on global health: http://www.youtube.com/watch?v=jdl_eog2ixw
- WHO on health and climate change: <http://www.youtube.com/watch?v=Z5gtjhWJ-3M> and <http://www.youtube.com/watch?v=NaPxgp-l-Uk>

Monday, September 16

The Field of Global Health

- Brown, Theodore M., Marcos Cueto, and Elizabeth Fee. 2006. "The World Health Organization and the Transition from 'International' to 'Global' Public Health." *American Journal of Public Health* 96(1): 62-72.
- Cohen, Jon. 2006. "The New World of Global Health." *Science* 311(5758): 162-167.
- Garrett, Laurie. 2007. "The Challenge of Global Health." *Foreign Affairs* 86(1): 14-38.
- Biehl, João, and Adriana Petryna. 2013. "Critical Global Health." In *When People Come First: Critical Studies in Global Health*. Princeton: Princeton University Press, pp. 1-22.
- Farmer, Paul. 2013. "Preface." In Farmer, Paul, et.al., eds., *Reimagining Global Health: An Introduction*. Berkeley: University of California Press, pp. xiii-xxiii.
- Foucault, Michel. 1997. "What is Critique?" In Sylvère Lotringer, ed., *The Politics of Truth*. New York: Semiotext(e), pp. 41-47 only.

Wednesday, September 18

Pathologies of Power and Humanitarian Assistance

Discussion Board Post Due

- Farmer, Paul. 2011. *Haiti after the earthquake*. New York: Public Affairs. "Writing about Suffering," Chapters 1 through 8, and Epilogue (pp. 1-245).
- Fidler, David. 2007. "Architecture amidst Anarchy: Global Health's Quest for Governance." *Global Health Governance*. pp. 1-17.
- Film (optional): *Partners in Health: Saving Lives in Rural Haiti* (USA) [On Blackboard]

Precepts: Week of September 16
What Does Health in “Global Health” Mean?

- Preamble to the WHO Constitution (1946): <http://apps.who.int/gb/bd/PDF/bd47/EN/constitution-en.pdf>
- Appendix: Declaration of Alma Ata (1978). In Farmer, Paul, et.al., eds., *Reimagining Global Health: An Introduction*. Berkeley: University of California Press, pp. 351-354.
- Fassin, Didier. 2012. “That Obscure Object of Global Health.” In Inhorn, Marcia C., and Emily A. Wentzell, eds., *Medical Anthropology at the Intersections: Histories, Activisms, and Futures*. Durham: Duke University Press, pp. 95-115.

Monday, September 23
A Biosocial Approach: Historically Deep and Geographically Broad

- Farmer, Paul, Jim Yong Kim, Arthur Kleinman, and Matthew Basilio. 2013. “Introduction: A Biosocial Approach.” In Farmer, Paul, et.al., eds., *Reimagining Global Health: An Introduction*. Berkeley: University of California Press, pp. 1-14.
- Greene, Jeremy, Marguerite Thorp Basilio, Heidi Kim, and Paul Farmer. 2013. “Colonial Medicine and Its Legacies.” In Farmer, Paul, et.al., eds., *Reimagining Global Health: An Introduction*. Berkeley: University of California Press, pp. 33-73.
- Basilio, Matthew, Jonathan Weigel, Anjali Motgi, Jacob Bor, and Salmaan Keshavjee. 2013. “Health for All? Competing Theories and Geopolitics.” In Farmer, Paul, et.al., eds., *Reimagining Global Health: An Introduction*. Berkeley: University of California Press, pp. 74-110.
- Irwin, A., and E. Scali. 2007. “Action on the social determinants of health: A historical perspective.” *Global Public Health* 2(3): pp. 235-256.
- Freedman, Lynn. 2005. “Achieving the MDGs: Health systems as core social institutions.” *Development* 48(1): 19-24.
- Hahn, Robert A. and Marcia C. Inhorn. 2009. “Introduction.” In *Anthropology and Public Health: Bridging Differences in Culture and Society* (second edition). New York: Oxford University Press, pp.1-31.

Wednesday, September 25
Magic Bullets and Global Health Politics
Discussion Board Post Due

- Cueto, Marcos. 2007. *Cold War, Deadly Fevers: Malaria Eradication in Mexico, 1955-1975*. Baltimore: Johns Hopkins University Press. Chapters 1-3 only, pp. 1-111.
- Ferguson, James. 1996. “Development.” In Spencer, Jonathan, and Alan Barnard, eds., *Encyclopedia of Social and Cultural Anthropology*. London: Routledge, pp. 154-160.

Precepts: Week of September 23

The Place of Health in Development and the Social Determinants of Health

- The Millennium Development Goals: <http://www.un.org/millenniumgoals/>
- World Health Organization. 2011. "Rio Political Declaration on Social Determinants of Health." World Conference on Social Determinants of Health, Rio de Janeiro, Brazil, 19-21 October. PDF online: <http://www.who.int/sdhconference/declaration/en/>
- "Are UN Development Goals Being Reported Accurately?" Interview with *Lancet* editor Richard Horton: http://www.youtube.com/watch?v=4cPDOW_Dic4

Monday, September 30

Disease Eradication Today

- Cueto, Marcos. 2007. *Cold War, Deadly Fevers: Malaria Eradication in Mexico, 1955-1975*. Baltimore: Johns Hopkins University Press. Chapters 4-5 only, pp. 112-166.
- Cueto, Marcos. 2013. "A Return to the Magic Bullet? Malaria and Global Health in the Twenty-First Century." In Biehl and Petryna, eds., *When People Come First: Critical Studies in Global Health*. Princeton: Princeton University Press, pp. 30-53.
- Birn, Anne-Emmanuelle. 2005. "Gates' Grandest Challenge: Transcending Technology as Public Health Ideology." *The Lancet* 366: pp. 514-519.
- Stepan, Nancy Leys. 2011. "The Last Inch: Smallpox Eradication." In Stepan, Nancy Leys, *Eradication: Ridding the World of Diseases Forever?* Ithaca: Cornell University Press, pp. 184-223.
- Enserink, Martin. 2010. "What's Next for Disease Eradication?" *Science* 330: pp. 1736-1739.

Wednesday, October 2

Disease and Development: Reflections on Health, Wealth, and the Origins of Inequality

Discussion Board Post Due

- Deaton, Angus. 2013. *The Great Escape: Health, Wealth, and the Origins of Inequality*. Princeton: Princeton University Press.
- Sachs, Jeffrey. 2012. "From Millennium Development Goals to Sustainable Development Goals." *The Lancet* 379(9832): 2206-2211.
- "Health as a Gateway to Global Development: A Conversation with the United Nations Development Programme's Helen Clark." Harvard School of Public Health, Thursday, January 31, 2013. <http://theforum.sph.harvard.edu/events/health-gateway-global-development>
- Pascal, et.al. 2013. "Our common vision for the positioning and role of health to advance the UN development agenda beyond 2015." *The Lancet* 381(9881): 1885-1886.

Guest Lecturer: Angus Deaton, Dwight D. Eisenhower Professor of International and Public Affairs at the Woodrow Wilson School and the Department of Economics, Princeton University.

Precepts: Week of September 30
The Next UN Development Framework

- **ASSIGNMENT DUE AND DISCUSSION:** Students write their own brief policy memo outlining the place of health in the post-2015 UN Development Framework.

Monday, October 7

Metrics and Values in Public Health Policy

- Becker, Anne, Anjali Motgi, Jonathan Weigel, Giuseppe Raviola, Salmaan Keshavjee, and Arthur Kleinman. 2013. "The Unique Challenges of Mental Health and MDRTB: Critical Perspectives on Metrics of Disease Burden." In Farmer, Paul, et.al., eds., *Reimagining Global Health: An Introduction*. Berkeley: University of California Press, pp. 209-241.
- Birn, Anne-Emanuelle, Yogan Pillay, and Timothy H. Holtz. 2009. "What Do We Know, What Do We Need to Know, and Why it Matters—Data on Health." In *Textbook of International Health: Global Health in a Dynamic World*. Oxford: Oxford University Press, pp. 192-241.
- Hill, Kenneth. "Making deaths count." *Bull World Health Organ* 2006, 84(3): 16.
- Anand, Sudhir, and Kara Hansen. 1997. "Disability Adjusted Life Years: A Critical Perspective." *Journal of Health Economics* 16: pp. 685-702.

Guest Lecturer: Jeffrey Hammer, Charles and Marie Robertson Visiting Professor in Economic Development and Lecturer in Public and International Affairs, Woodrow Wilson School, Princeton University.

Wednesday, October 9

Evaluating Health and Development Policy

Discussion Board Post Due

- Adams, Vincanne. 2013. "Evidence-Based Global Public Health: Subjects, Profits, Erasures." In Biehl and Petryna, eds., *When People Come First: Critical Studies in Global Health*. Princeton: Princeton University Press, pp. 54-90.
- Duflo, Esther and Michael Kremer. 2008. "Use of Randomization in the Evaluation of Development Effectiveness." In Easterly, William R., ed., *Reinventing Foreign Aid*. Cambridge: MIT Press. pp. 93-120.
- Deaton, Angus. 2010. "Instruments, Randomization, and Learning about Development." *Journal of Economic Literature* 48 (June 2010): 424-455. All of Section 1 ("Introduction"), pp. 446-447 from Section 4 ("Randomization in the Tropics"), and all of Section 5 ("Where should we go from here?").
- Parker, Ian. 2010. "The Poverty Lab." *The New Yorker* 86:13.
- Cartwright, Nancy. 2011. "A philosopher's view of the long road from RCTs to effectiveness." *The Lancet* 377(9775): 1400-1401.

Precepts: Week of October 7

DEBATE: Pros and Cons of RCTs vs. Field-based Biosocial Studies

Monday, October 14

The Pharmaceuticalization of Health

- Biehl, João. 2007. *Will to Live: AIDS Therapies and the Politics of Survival*. Princeton: Princeton University Press. Introduction and Chapters 1-3 (pp. 3-237).
- Greene, Jeremy A. 2010. "When did medicines become essential?" *Bulletin of the World Health Organization* 88: p. 483.

Wednesday, October 16

Patients, Caregiving, Communities, and Micro-Politics

Discussion Board Post Due

- Biehl, João. 2007. *Will to Live: AIDS Therapies and the Politics of Survival*. Princeton: Princeton University Press. Chapters 5, 6 and Conclusion. (pp. 283-406).
- Reynolds Whyte, Susan, and Michael A. Whyte. 2013. "Therapeutic Clientship: Belonging in Uganda's Mosaic of AIDS Projects." In Biehl and Petryna, eds., *When People Come First: Critical Studies in Global Health*. Princeton: Princeton University Press, pp. 140-165.
- Pfeiffer, James. 2013. "PEPFAR in Mozambique: NGOs and the Struggle for a Public Sector." In Biehl and Petryna, eds., *When People Come First: Critical Studies in Global Health*. Princeton: Princeton University Press, pp. 166-181.

Precepts: Week of October 14

HIV/AIDS Today

- **DISCUSSION:** Where is HIV/AIDS today? What are current and emerging challenges in prevention and treatment?
- Amon, Joseph. 2013. "The 'Right to Know' or 'Know Your Rights'? Human Rights and a People-Centered Approach to Health Policy." In Biehl and Petryna, eds., *When People Come First: Critical Studies in Global Health*. Princeton: Princeton University Press, pp. 91-108.
- Brada, Betsey Behr. 2013. "How to do things to children with words: Language, ritual, and apocalypse in pediatric HIV treatment in Botswana." *American Ethnologist* 40(3): 437-451.

Monday, October 21

Health Systems in Poor Countries

- Frenk, Julio. 2010. "The Global Health System: Strengthening National Health Systems as the Next Step for Global Progress." *PLoS Med* 7(1). Online: <http://www.plosmedicine.org/article/info%3Adoi%2F10.1371%2Fjournal.pmed.1000089>
- Denzter, Susan. 2009. "The Devilish Details of Delivering on Global Health." *Health Affairs* 28: pp. 946-947.
- Livingston, Julie. 2013. "The Next Epidemic: Pain and the Politics of Relief in Botswana's Cancer Ward." In Biehl and Petryna, eds., *When People Come First: Critical Studies in Global Health*. Princeton: Princeton University Press, pp. 182-206.

- Chaudhury, Nazmul, Jeffrey Hammer, Michael Kremer, Karthik Muralidharan, and F. Halsey Rogers. 2006. "Missing in Action: Teacher and Health Worker Absence in Developing Countries." *Journal of Economic Perspectives*, 20(1): 91–116.
- J-PAL. 2011. "The Price is Wrong: Charging small fees dramatically reduces access to important products for the poor." *J-PAL Bulletin*, April 2011. Online: <http://www.povertyactionlab.org/publication/the-price-is-wrong>
- Film: *The Name of the Disease* by Abhijit Banerjee (2006)

Wednesday, October 23
The Global Health Generation
No Discussion Board Post Due

- Wendland, Claire L. 2012. "Moral Maps and Medical Imaginaries: Clinical Tourism at Malawi's College of Medicine." *American Anthropologist* 114(1): pp. 108-122.
- Farmer, Paul. 2013. "Exploring the Adjacent Possible" and "Accompaniment as Policy." In *To Repair the World: Paul Farmer Speaks to the Next Generation*. Berkeley: University of California Press, pp. 163-181 and 233-248.
- Frankfurter, Raphael. 2013. "Introduction: Entanglements" and "Chapter 1: Global Health Nexus." In Frankfurter, Raphael, *Transience and the Lives Therein: An Ethnography of Global Health and Care in Sierra Leone*. Senior Thesis, Department of Anthropology, Princeton University, pp. 1-82.

Guest Speaker: Raphael Frankfurter '13, Executive Director, Wellbody Alliance

Precepts: Week of October 21
Midterm Review

***** FALL RECESS OCT. 26—NOV. 3 *****

Monday, November 4
Health Systems in Wealthy Countries

- Reinhardt, Uwe. 2012. "Divide et Impera: Protecting the Growth of Health Care Incomes (COSTS)." *Health Economics* 21: 41–54.
- Reinhardt, Uwe, Peter S. Hussey, and Gerard F. Anderson. 2004. "U.S. Health Care Spending in an International Context." *Health Affairs* 23(3): 10-25.
- Birn, Anne-Emanuelle, Yogan Pillay, and Timothy H. Holtz. 2009. "Understanding and Organizing Health Care Systems." In *Textbook of International Health: Global Health in a Dynamic World*. Oxford: Oxford University Press, pp. 583-655.

Guest Lecturer: Uwe Reinhardt, James Madison Professor of Political Economy and Professor of Economics and Public Affairs, Woodrow Wilson School, Princeton University

Wednesday, November 6
The Politics and Economics of the Affordable Care Act
Discussion Board Post Due

- Supreme Court Case 11-398, Department of Health and Human Services v. Florida, Oral Arguments, Day 2. Listen until 24:25, or read until Justice Kagan speaks for the first time. Online: <http://www.npr.org/2012/03/27/149465820/transcript-supreme-court-the-health-care-law-and-the-individual-mandate>
- Urban Institute Reports TBD: http://www.urban.org/health_policy/States-and-the-Affordable-Care-Act.cfm

Guest Lecturer: Heather Howard, Director, State Health Reform Assistance Network, and Lecturer, Woodrow Wilson School, Princeton University

Precepts: Week of November 4
Debate: Pros and Cons of U.S. Health Care Reform

Monday, November 11
The Science of Global Health Delivery

- Kim, Jim Yong, Paul Farmer, and Michael Porter. 2013. "Redefining Global Health-Care Delivery." *The Lancet*, Early Online Publication, 20 May 2013.
<http://www.thelancet.com/journals/lancet/article/PIIS0140-6736%2813%2961047-8/fulltext>
- Drobac, Peter, Matthew Basilio, Luke Messac, David Walton, and Paul Farmer. "Building an Effective Rural Health Delivery Model in Haiti and Rwanda." In Farmer, Paul, et.al., eds., *Reimagining Global Health: An Introduction*. Berkeley: University of California Press, pp. 133-180.
- Kim, Jim Yong, Michael Porter, Joseph Ratigan, Rebecca Weintraub, Matthew Basilio, and Paul Farmer. 2013. "Scaling Up Effective Delivery Models Worldwide." In Farmer, Paul, et.al., eds., *Reimagining Global Health: An Introduction*. Berkeley: University of California Press, pp. 181-208.
- Buss, Paulo M. 2011. "Brazil: Structuring cooperation for health." *The Lancet* 377(9779): 1722-3.
- Buss, Paulo M., and Jose Roberto Ferreira. 2010. "Critical essay on international cooperation in health." *RECIIS – R. Eletr. de Com. Inf. Inov. Saúde* 4(1): 86-97.
http://cursos.campusvirtualsp.org/pluginfile.php/17431/mod_page/content/1/Mod4_Cooperacion/lecturas/Critical_Essay_on_International_Cooperation_in_Health.pdf

Wednesday, November 13
Global Mental Health
Discussion Board Post Due

- Han, Clara. 2013. "Labor Instability and Community Mental Health: The Work of Pharmaceuticals in Santiago, Chile." In Biehl and Petryna, eds., *When People Come First: Critical Studies in Global Health*. Princeton: Princeton University Press, pp. 276-301.

- Collins, Pamela, et.al. 2011. "Grand Challenges in Global Mental Health." *Nature* 475: 27-30.
- Miller, Greg. 2012. "Who Needs Psychiatrists?" *Science* 335: pp. 1294-1298.
- Summerfield, Derek. 2008. "How scientifically valid is the knowledge base of global mental health?" *BMJ* 336: 992-994.
- Prince M, Patel V, Saxena S, Maj M, Maselko J, Phillips MR, et al. 2007. "No health without mental health." *The Lancet* 370: 859-77.

Precepts: Week of November 11

Case Studies: Delivering Global Mental Health

- Mary-Jo DelVecchio Good, Byron Good, and Jesse Grayman. 2010. "Complex Engagements: Responding to Violence in Postconflict Aceh." In Fassin, Didier, and Mariella Pandolfi, eds, *Contemporary States of Emergency: The Politics of Military and Humanitarian Interventions*, pp. 241-268. New York: Zone Books.
- The Alderman Foundation in Uganda: <http://abcnews.go.com/video/playerIndex?id=5767377>

Monday, November 18

Health and the Environment

- Krieger, N. 2001. "Theories for social epidemiology in the 21st century: an ecosocial perspective." *Int. J. Epidemiol* 30(4): 668-677.
- Birn, Anne-Emanuelle, Yogan Pillay, and Timothy H. Holtz. 2009. "Health and the Environment." In *Textbook of International Health: Global Health in a Dynamic World*. Oxford: Oxford University Press, pp. 470-536.
- Ben-Shlomo Y & Kuh D. 2002. "A life course approach to chronic disease epidemiology: conceptual models, empirical challenges and interdisciplinary perspectives." *International Journal of Epidemiology* 31: 285-293.
- Eisenberg, J.N.S., Desai, M.A., Levy, K., Bates, S.J., Liang, S., Naumoff, K., Scott, J.C. 2007. "Environmental determinants of infectious disease: A framework for tracking causal links & guiding public health research." *Environmental Health Perspectives* 115(8): 1216-1223.
- Daily, GC and Ehrlich, PR. 1996. "Global change and human susceptibility to disease." *Annu. Rev. Energy Environ* 21: 125-44.
- Gruenewald et al. 2012. "History of Socioeconomic Disadvantage and Allostatic Load in Later Life." *Soc Sci Med* 74(1): 75-83.

Wednesday, November 20

The Economics of Antibiotic Resistance

Discussion Board Post Due

- Laxminarayan, Ramanan. 2012. "A Matter of Life and Death: The Economics of Antibiotic Resistance." *Milken Institute Review* (Third Quarter). https://www.milkeninstitute.org/publications/review/2012_7/12-21MR55.pdf
- Laxminarayan, Ramanan, and Hellen Gelband. 2009. "A Global Subsidy: Key to Affordable Drugs for Malaria?" *Health Affairs* 28(4): 949-961.

- Laxminarayan, Ramanan. 2007. "Introduction" and "Antibiotic resistance: the unfolding crisis." In Laxminarayan, Ramanan, and Anup Malani, eds., *Extending the Cure: Policy Responses to the Growing Threat of Antibiotic Resistance*. Washington, DC: Resources for the Future, pp. 17-38.

Guest Lecturer: Ramanan Laxminarayan, Research Scholar, Princeton Environmental Institute, and Lecturer in Economics, Princeton University

Precepts: Week of November 18

Health and the Environment: Food Security

- Sage, Colin. 2002. "Food Security." In: Page, E. and Redclift, M (eds). *Human security and the environment: International comparisons*. Cheltenham: Edward Elgar Publishing Ltd, pp. 128-153.
- Hammond, Ross A. and Dube, Laurette. 2012. "A systems science perspective and transdisciplinary models for food and nutrition security." *Proc. National Acad. of Sci* 109(31): 12356-63.

Monday, November 25

The Laboratory and the Market in Global Health

- Latour, Bruno. 1999. "Give Me a Laboratory and I Will Raise the World." In Biagioli, Mario, ed., *The Science Studies Reader*. New York: Routledge. pp. 258-275.
- Petryna, Adriana. 2007. "Clinical Trails Offshored: On Private Sector Science and Public Health." *BioSocieties* 2: 21-40.
- Ecks, Stefan, and Ian Harper. 2013. "Public-Private Mixes: The Market for Anti-Tuberculosis Drugs in India." In Biehl and Petryna, eds., *When People Come First: Critical Studies in Global Health*. Princeton: Princeton University Press, pp. 252-274.
- Biehl, João, and Adriana Petryna. 2013. "Legal Remedies: Therapeutic Markets and the Judicialization of the Right to Health." In Biehl and Petryna, eds., *When People Come First: Critical Studies in Global Health*. Princeton: Princeton University Press, pp. 325-346.
- Fischer, Michael M.J. 2013. "Afterword: The Peopling of Technologies." In Biehl and Petryna, eds., *When People Come First: Critical Studies in Global Health*. Princeton: Princeton University Press, 347-374.

***** THANKSGIVING RECESS NOV. 27 – DEC. 1 *****

Monday, December 2

Vaccines

- Lederberg, J. 2000. "Infectious History." *Science* 288: 287-293.
- World Health Organization. 2008. "Part 2" in *The Global Burden of Disease, 2004 update*. Geneva: WHO, pp. 8-26.
- Collins, F.S. 2010. "Research Agenda: opportunities for research and the NIH." *Science* 327: 36-37.

- Mahmoud, Adel. 2011. "A global road map is needed for vaccine research, development and deployment" *Health Affairs* (Millwood) 30: 1034-1041.
- Larson, H.J. 2011. "Addressing the vaccine confidence gap." *Lancet* 378: 526-535.
- Livingston, J., K. Wailoo and B. Cooper. 2010. "Vaccination as Governance: HPV Skepticism in the United States and Africa, and the North-South Divide." In *Three Shots at Prevention: The HPV Vaccine and the Politics of Medicine's Simple Solutions*, Wailoo et al., eds., pp. 231-253. Baltimore: Johns Hopkins University Press.
- Closser, Svea. 2012. "'We Can't Give Up Now': Global Health Optimism and Polio Eradication in Pakistan." *Medical Anthropology* 31(5): 385-403.

Guest Lecturer: Adel Mahmoud, Lecturer with the rank of Professor in Molecular Biology and Public Policy, Princeton University.

Wednesday, December 4

Chronic Conditions and New Priorities in Global Health

Discussion Board Post Due

- Weigel, Jonathan et.al. 2013. "Global Health Priorities for the Early Twenty-First Century." In Farmer, Paul, et.al., eds., *Reimagining Global Health: An Introduction*. Berkeley: University of California Press, pp. 299-335.
- Whitmarsh, Ian. 2013. "The Ascetic Subject of Compliance: The Turn to Chronic Diseases in Global Health." In Biehl and Petryna, eds., *When People Come First: Critical Studies in Global Health*. Princeton: Princeton University Press, pp. 302-324.
- Mol, Annemarie. 2009. "Living with diabetes: care beyond choice and control." *The Lancet* 373(9677): 1756-1757.
- UN General Assembly. 2011. "Political Declaration of the High-level Meeting of the General Assembly on the Prevention and Control of Non-communicable Diseases."
http://www.who.int/nmh/events/un_ncd_summit2011/political_declaration_en.pdf

Precepts: Week of December 2

Group Presentations

Monday, December 9

Human Rights and the Political Determinants of Health

- Amon, J.J. and T. Kasambala. "Structural Barriers and Human Rights Related to HIV Prevention and Treatment in Zimbabwe." *Global Public Health* 4(6): 528-545.
- Kippenberg, J., J. Baptiste, and J.J. Amon. 2008. "Detention of Insolvent Patients in Burundian Hospitals." *Health Policy and Planning* 23: 14-23.

- Nimpagaritse, M., and M.P. Bertone. 2011. "The sudden removal of user fees: the perspective of a frontline manager in Burundi." *Health Policy and Planning* 26 (suppl 2): ii63-ii71.

Guest Lecturer: Joseph Amon, Director, Health and Human Rights Division, Human Rights Watch, and Lecturer in Public and International Affairs, Woodrow Wilson School, Princeton University

Wednesday, December 11
The Future of Global Health

Precepts: Week of December 9
Group Presentations

***** FINAL PAPER due on Dean's Date (Tuesday, January 14) by 5 pm *****