

Princeton University
Fall 2014

CRITICAL PERSPECTIVES IN GLOBAL HEALTH
GHP 350 / ANT 380 / WWS 380

M-W 11:00 am – 12:20 pm

Computer Science Building, Room 104

Instructor:	João Biehl	jbiehl@princeton.edu
Postdoctoral Fellows:	Alecia McGregor	aleciam@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; environmental inequalities and health disparities; development and the governance of disease; vertical and diagonal health interventions; scientific and technological innovation 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 AN ELECTRONIC-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, 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 9/17, no post is due 10/22 (midterms), and no post is due the final week of class (12/10).
- **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 **10/22**. Your responses should be uploaded to Blackboard by **Friday, 10/24 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 13**, by 5:00 PM 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).

- 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. 2011. *Haiti after the earthquake*. New York: Public Affairs.

Optional:

- Farmer, Paul, Jim Yong Kim, Arthur Kleinman, and Matthew Basilico, eds. 2013. *Reimagining Global Health: An Introduction*. Berkeley: University of California Press.

Additional articles and book chapters can be downloaded from Blackboard's electronic reserve.

Office Hours

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|-------------------|---------------------|---------------------|
| • João Biehl | Tues 1:30-3:00 pm | 128 Aaron Burr Hall |
| • Alecia McGregor | Wed 2:30-4:30 pm | 356 Wallace Hall |
| • Yi-Ching Ong | Thurs 12:30-2:30 pm | 356 Wallace Hall |
| • Bharat Venkat | Mon 1:30-3:30 pm | 354 Wallace Hall |

Wednesday, September 10

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=NaPxp-l-Uk>

Monday, September 15

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.
- Farmer, Paul and Garrett, Laurie. 2007. "From 'Marvelous Momentum' to Health Care for All." *Foreign Affairs* 86(2): 155-159.
- 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.
- Foucault, Michel. 1997. "What is Critique?" In Sylvère Lotringer, ed., *The Politics of Truth*. New York: Semiotext(e), pp. 41-47 only.

Wednesday, September 17

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.
- OPTIONAL: 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.

Precepts: Week of September 15

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.

Monday, September 22

**A Biosocial Approach I:
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.

Wednesday, September 24

**A Biosocial Approach II:
How do Social Determinants Get 'Under the Skin'?**
Discussion Board Post Due

- Krieger, N. 2011. "Contemporary mainstream epidemiologic theory: Biomedical and lifestyle." *Epidemiology and the People's Health: Theory and Context*. Oxford: Oxford University Press, pp.126-162.
- Krieger, N. 2011. "Ecosocial theory of disease distribution." *Epidemiology and the People's Health: Theory and Context*. Oxford: Oxford University Press, pp. 202-32.
- Ayres, J. R. C. M., Paiva, Vera, and França Jr., Ivan. 2011. "From natural history of disease to vulnerability: changing concepts and practices in contemporary public health." In: Parker, Richard and Marni Sommer, eds., *Routledge Handbook in Global Public Health*. Abingdon, Oxon: Taylor and Francis, pp. 98-107.
- OPTIONAL: Krieger, N. 2001. "Theories for social epidemiology in the 21st century: an ecosocial perspective." *Int. J. Epidemiol* 30(4): 668-677.

Guest Speaker: Dr. José Ricardo Ayres, Professor and Chair of the Department of Preventive Medicine of the Medical School of the University of São Paulo.

Precepts: Week of September 22

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=4cPD0W_Dic4

Monday, September 29

Magic Bullets and Global Health Politics

- 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.

Wednesday, October 1

Disease Eradication Today

Discussion Board Post Due

- 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.
- Bhattacharya S, Dasgupta R (2009). A tale of two global health programs. Smallpox eradication's lessons for the antipolio campaign in India. *Am J Public Health* 99(7):1176-1184.
- Enserink, Martin. 2010. "What's Next for Disease Eradication?" *Science* 330: pp. 1736-1739.

Precepts: Week of September 29

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 6

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

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

Wednesday, October 8

Metrics and Values in Public Health Policy

Discussion Board Post Due

- 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.
- 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.
- OPTIONAL: Hill, Kenneth. "Making deaths count." *Bull World Health Organ* 2006, 84(3): 16.
- OPTIONAL: Cartwright, Nancy. 2011. "A philosopher's view of the long road from RCTs to effectiveness." *The Lancet* 377(9775): 1400-1401.

Guest Speaker: Tom Vogl, Assistant Professor of Economics and International Affairs, Princeton University

Precepts: Week of October 6

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

Monday, October 13

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 15

Model Policies and the Struggle for a Public Sector

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.
- 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>
- Fink, S. "Cuts at WHO Hurt Response to Ebola Crisis." *The New York Times*, 3 Sept 2014. Available at: <http://www.nytimes.com/2014/09/04/world/africa/cuts-at-who-hurt-response-to-ebola-crisis.html>
- OPTIONAL: Buss, Paulo M. 2011. "Brazil: Structuring cooperation for health." *The Lancet* 377(9779): 1722-3.
- OPTIONAL: 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.

Precepts: Week of October 13

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.

Monday, October 20

The Science of Global Health Delivery and Technologies of Care

- Kim, Jim Yong, Paul Farmer, and Michael Porter. 2013. "Redefining Global Health-Care Delivery." *The Lancet*, 382(9897): 1060-1069.
- 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.
- 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.

Guest Speaker: Dr. José Ricardo Ayres, Professor and Chair of the Department of Preventive Medicine of the Medical School of the University of São Paulo.

Wednesday, October 22

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.
- "Aid Worker Speaks Out On Why Ebola Keeps Spreading" (with Raphael Frankfurter)
http://www.huffingtonpost.com/2014/08/08/american-aid-workers-ebola_n_5658804.html
- Frankfurter, Raphael. "The Danger in Losing Sight of Ebola Victims' Humanity." In *The Atlantic*, August 22, 2014. Available online at:
<http://www.theatlantic.com/health/archive/2014/08/the-danger-in-losing-sight-of-ebola-victims-humanity/378945/>
- OPTIONAL: 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.
- OPTIONAL: 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.

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

Precepts: Week of October 20
WORK ON YOUR MID-TERM EXAM

***** FALL RECESS OCT. 25—NOV. 2 *****

Monday, November 3
Health Systems

- 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.
- OPTIONAL: 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 Speaker: Uwe Reinhardt, James Madison Professor of Political Economy and Professor of Economics and Public Affairs, Woodrow Wilson School, Princeton University

Wednesday, November 5
The Politics and Economics of the Affordable Care Act
Discussion Board Post Due

- "Summary of the Affordable Care Act." The Henry J. Kaiser Family Foundation, April 2013. Available at: <http://kff.org/health-reform/fact-sheet/summary-of-the-affordable-care-act/>
- 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>
- "Health Policy Brief: Health Insurance Exchanges and State Decisions," *Health Affairs*, July 18, 2013. Available at: http://healthaffairs.org/healthpolicybriefs/brief_pdfs/healthpolicybrief_96.pdf
- "The Affordable Care Act Three Years Post-Enactment," The Henry J. Kaiser Family Foundation, March 2013. Available at: <http://kaiserfamilyfoundation.files.wordpress.com/2013/04/84291.pdf>
- Frank, R. "For Obamacare to Work, Everyone Must Be In," *The New York Times*, August 2013. Available at: http://www.nytimes.com/2013/08/04/business/for-obamacare-to-work-everyone-must-be-in.html?_r=1&
- Holahan, J. et al. 2014. "The Launch of the Affordable Care Act in Selected States: State Flexibility is Leading to Very Different Outcomes." Retrieved from The Urban Institute website: <http://www.urban.org/UploadedPDF/413035-The-Launch-of-Health-Reform-in-Eight-States-State-Flexibility-Is-Leading-to-Very-Different-Outcomes.pdf>
- Starr, Paul. 2011. "The Affordable Care Act as Public Philosophy." In *Remedy and Reaction: The Peculiar American Struggle Over Health Care Reform*, New Haven: Yale University Press, pp 239-266.

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

Precepts: Week of November 3
Debate: Pros and Cons of U.S. Health Care Reform

Monday, November 10

The Right to Health and Health Care System Reforms

- Cheng, Tsung-Mei. 2012. "Early Results Of China's Historic Health Reforms: The View From Minister Chen Zhu." *Health Affairs* 31(11): 2536-2544.
- Access and Cost: What the US Health Care System Can Learn from Other Countries: Hearing Before the Committee on Health, Labor, Education & Pensions, Subcommittee on Primary Health and Aging, United States Senate, 113th Congress. 2014. Statement of Tsung-Mei Cheng, Health Policy Research Analyst, Princeton University.
- Cheng, Tsung-Mei. 2014. "Sustainable, Universal, 21st Century Health Care: Lessons from Asia." Manuscript submitted for publication (please do not circulate).
- Hsiao, William C. 2007. The political economy of Chinese health reform. *Health Economics, Policy and Law*, 2(3): 241-249.
- OPTIONAL: Yip, W. and Hsiao, W.C. 2014. "Harnessing the Privatisation of China's fragmented health-care delivery." *The Lancet*, 384: 805-818.

Guest Speaker: Tsung-Mei Cheng, Health Policy Research Analyst, Woodrow Wilson School, Princeton University.

Wednesday, November 12

Women's Health and the Political Body

Discussion Board Post Due

- Desai, Manisha. 2004. "Gender, Health and Globalization: A critical social movement perspective." *Development* 47(2): 36-42.
- Rosenfield, Allan, and Maine, Deborah. 1985. "Where's the M in MCH?" *The Lancet*, 2(8446): 83-85.
- Cincotta, R.P. and Crane, B.B. 2001. "Public health. The Mexico City policy and U.S. family planning assistance." *Science*, 294(5542): 525-6.
- "Pregnant Pause". 2003. *The Economist*. 8343: 51.
- Population Action International. 2005. "Access Denied: The Impact of the Global Gag Rule in Tanzania." Retrieved from Population Action International website: <http://populationaction.org/wp-content/uploads/2012/01/Tanzania.pdf>
- Miller, S. and Billings, D.L. 2005. "Abortion and postabortion care: ethical, legal, and policy issues in developing countries." *J Midwifery Womens Health*, 50(4):341-3.
- Mason, J. and Charles, D. 2009, January 23. "Obama lifts restrictions on abortion funding." *Reuters*. Retrieved from: <http://www.reuters.com/article/2009/01/23/us-obama-abortion-idUSTRE50M3PQ20090123>
- Bendavid, E et al. 2011. "United States aid policy and induced abortion in sub-Saharan Africa." *Bull World Health Organ*. 89(12):873-880C.
- OPTIONAL: Crane, B.B. and Dusenberry, J. 2004. "Power and politics in international funding for reproductive health: the US Global Gag Rule." *Reprod Health Matters*, 12(24):128-37.
- OPTIONAL: Memorandum from Barack Obama, President of the United States, to the Secretary of State and the Administrator of USAID. 2009. "Mexico City Policy and Assistance for Voluntary Population Planning." Retrieved from: http://www.whitehouse.gov/the_press_office/MexicoCityPolicy-VoluntaryPopulationPlanning
- OPTIONAL: National Committee for Human Life Amendment. 2010. "Fact Sheet: The Mexico City Policy." Retrieved from NCHLA website: <http://nchla.org/datasource/ifactsheets/7mcpFS14b%2010.pdf>

- OPTIONAL: Bazelon, E. "The Dawn of the Post-Clinic Abortion." *The New York Times Magazine*, 28 Aug 2014. Available at: <http://www.nytimes.com/2014/08/31/magazine/the-dawn-of-the-post-clinic-abortion.html>

Guest Speaker: Kristina Graff, Associate Director of the Global Health Program, Princeton University

Precepts: Week of November 10
Global Health Policy and Maternal Health

- Shiffman, J. and Smith, S. 2007. "Generation of political priority for global health initiatives: a framework and case study of maternal mortality." *The Lancet*, 370(9595): 1370-1379.

Monday, November 17

Where is the Laboratory in Global Health? (Part 1)

- 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.
- *The Deadly Deception* [video on blackboard] by Denise Diianni, 1993.
- Petryna, Adriana. 2007. "Clinical Trails Offshored: On Private Sector Science and Public Health." *BioSocieties* 2: 21-40.
- Farmer, Paul. 2002. "Can transnational research be ethical in the developing world?" *The Lancet*, 360(9342): 1266.
- 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.
- OPTIONAL: 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.
- OPTIONAL: 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, pp. 347-374.

Wednesday, November 19

Where is the Laboratory in Global Health? (Part 2)

Discussion Board Post Due

- Kelly, Ann H., and Javier Lezaun. 2014. "Urban mosquitoes, situational publics, and the pursuit of interspecies separation in Dar es Salaam." *American Ethnologist* 41(2): 368-383.
- Street, Alice. 2014. "Research in the Clinic." In *Biomedicine in an Unstable Place: Infrastructure and Personhood in a Papua New Guinea Hospital*. Durham: Duke University Press, pp. 194-222.
- Pollock, Anne. 2014. "Places of pharmaceutical knowledge-making: Global health, postcolonial science, and hope in South African drug discovery." *Social Studies of Science*, Epub before print: 0306312714543285.
- Crane J. 2010. "Adverse events and placebo effects: African scientists, HIV, and ethics in the 'global health sciences'." *Social Studies of Science* 40(6):843-870

- Tousignant N. 2013. "Broken tempos: Of means and memory in a Senegalese university laboratory." *Social Studies of Science* 43(5): 729–753.
- Lachenal, Guillaume. Forthcoming. "Lessons in medical nihilism. Virus hunters, neoliberalism and the AIDS crisis in Cameroon." In Geissler, P.W. (ed.), *States of Science*, Durham: Duke University Press.
- Kelly, Ann H. 2012. "The experimental hut: hosting vectors." *Journal of the Royal Anthropological Institute*, 18:S145–S160.

Guest Speaker: Ann Kelly, Senior Lecturer in Sociology, Philosophy, and Anthropology, University of Exeter

Precepts: Week of November 17

Discussion: Ethical Considerations in Designing and Conducting Global Health Research

Reading: A classic review of challenges in conducting research in the South:
Benatar, S.R. 2002. "Reflections and recommendations on research ethics in developing countries." *Social Science & Medicine*, 54: 1131–1141.

OR

Debate: Ethical Dilemmas in Research and Clinical Trials

Reading: A case study examining a specific question that is currently very much alive in the field, which is whether clinical trials can be stopped in order to allow more recent (or promising) candidates to be tested instead (article presents both sides):
Lavery et al. 2009. "In Global Health Research, Is It Legitimate To Stop Clinical Trials Early on Account of Their Opportunity Costs?" *PLoS Medicine*, 6(6): e1000071.

Monday, November 24

Vaccines

- Lederberg, J. 2000. "Infectious History." *Science* 288: 287-293.
- 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*, 30: 1034-1041.
- 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., Baltimore: Johns Hopkins University Press, pp. 231-253.
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- Jamison, D.T. et al. 2013. "Global health 2035: a world converging within a generation." *The Lancet* 382: 1898-1955.

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

***** THANKSGIVING RECESS NOV. 26 – 30 *****

Monday, December 1

Environmental Change and Global Health

- Prüss-Üstün, A. and C. Corvalán. 2006. *WHO Report: Preventing disease through healthy environments: Towards an estimate of the environmental burden of disease*. Geneva: WHO, pp. 1-56 only.
- McMichael A.J. and Butler C.D. 2011. "Promoting global population health while constraining the environmental footprint." *Annual Review of Public Health* 32: 179-197.
- 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.
- 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.
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Wednesday, December 3
Environmental Inequalities and Health Disparities
Discussion Board Post Due

- Currie, J. 2011. "Inequality at Birth: Some Causes and Consequences." *American Economic Review*, *American Economic Association*, vol. 101(3): 1-22.
- Morello-Frosch R and Shenassa, E: "The Environmental 'Riskscape' and Social Inequality: Implications for Explaining Maternal and Child Health Disparities." *Environmental Health Perspectives*, 2006, 114 (8):1150-1153.
- Schoolman, E. D., and Ma, C. 2012. "Migration, class and environmental inequality: Exposure to pollution in China's Jiangsu Province." *Ecological Economics*, 75: 140-151.
- Lora-Wainwright, A. 2009. "Of farming chemicals and cancer deaths: The politics of health in contemporary rural China." *Social Anthropology*, 17: 56-73.

Guest Speaker: Janet Currie, Henry Putnam Professor of Economics and Policy Affairs, Princeton University

Precepts: Week of December 1
Group Presentations

Monday, December 8
The Turn to Chronic Conditions in Global Health

- 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
- Collins, Pamela, et.al. 2011. "Grand Challenges in Global Mental Health." *Nature* 475: 27-30.
- Becker, A.E. and Kleinman, A. 2013. "Mental Health and the Global Agenda." *NEJM* 369:66-73.
- 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.
- Miller, Greg. 2012. "Who Needs Psychiatrists?" *Science* 335: pp. 1294-1298.
- 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.
- OPTIONAL: 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.
- OPTIONAL: Collins, P.Y. et al. 2013. "Grand Challenges in Global Mental Health: Integration in Research, Policy, and Practice." *PLoS Med* 10(4): e1001434.

Wednesday, December 10
The Future
NO Discussion Board Post Due

- Lohman, D. Schleifer, R. and Amon, J.J. 2010. "Access to pain treatment as a human right." *BMC Medicine* 8(1): 8.
- Human Rights Watch. 2011. "Uncontrolled Pain: Ukraine's Obligation to Ensure Evidence-Based Palliative Care." Available at:
<http://www.hrw.org/sites/default/files/reports/ukraine0511WebRevised.pdf>
- Mol, Annemarie. 2009. "Living with diabetes: care beyond choice and control." *The Lancet* 373(9677): 1756-1757.

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

Precepts: Week of December 8
Group Presentations

***** FINAL PAPER due on Dean's Date (Tuesday, January 13, 2015) by 5 pm *****