

Princeton University
Fall 2017

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

M-W 11:00 am – 12:20 pm
Lewis Library 120

Instructor:	João Biehl	jbiehl@princeton.edu
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Course Description

Global health brings together a vast and diverse array of actors working to address urgent health issues worldwide with unprecedented, if unequally distributed, financial and technological resources. This course is a critical analysis of the cultural, social, political, and economic processes related to this expanding medical and humanitarian field. 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 multiple factors that shape patterns and variations in disease and health across societies. As we scrutinize the evidence-making practices, agendas, and values that underpin specific paradigms in global health, we will place current interventions in historical perspective, gauging their benefits as well as their sometimes unintended consequences. Throughout the course, students will be encouraged to think critically and creatively about health problems and policies and to envision innovative and effective forms of collaborative research and 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 and to better understand local worlds and the needs, experiences, and capacities of people—from the subjects of interventions to the health workers and scientists who seek to assist them.

THIS IS AN ELECTRONICS-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 both class and precept discussions, and to creatively integrate course insights into your group project and final independent research paper.

Grading will be based on:

- **Lecture attendance and participation (10%).** Students are expected to attend regularly and actively contribute to discussions and Q&A in lecture, and may be called upon to elucidate course materials.
- **Precept attendance and participation (10%).** Students are required to attend a precept each week and actively engage in all precept discussions and activities, including debates, thinking exercises, and small group activities.
- **Discussion board posts (15%).** Each Wednesday by 10:00 AM (an hour before class begins at 11:00 AM) students are required to post critical reflections about that week's readings (*with a primary focus on that Wednesday's texts*) to their precept Discussion Board on Blackboard (unless otherwise noted in the syllabus). Posts will be read before precept and will serve as a basis for discussion. Please refer to the guidelines posted on Blackboard for more guidance on format and content.

Posts will be evaluated as follows: after the first two official posts, students will receive a feedback form with a grade (this will be ahead of the October 4th session). The remaining posts will be individually graded and returned the week following submission. Please see your preceptor at office hours for more detailed feedback if desired. Late submissions will be penalized one full letter grade per day. We will automatically exclude the lowest grade from final calculations. Please note that failure to post discussion board comments more than once over the course of the semester can quickly impact this portion of your course grade. The first post is due Wednesday 9/20, no post is due 10/25 (midterms), and no posts are due the final two weeks of class (12/6 and 12/13).

- **Small group presentations (5%).** Students will select topics with preceptor and instructor approval and work in small groups of 3-4 students to present on specific challenges in global health; this will 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 **10/26**. Your responses should be uploaded to Blackboard by **Friday, 10/27 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. Students who would prefer to write a final paper on a topic of their choice that is not directly related to their group precept presentation may do so with approval from the course instructors.

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 **Wednesday, December 6**, and the paper itself is due on Dean's Date, **Tuesday, January 16**, 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:

<https://odoc.princeton.edu/faculty-staff/grading-princeton>

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.
- Diniz, Debora. 2017. *Zika: From the Brazilian Backlands to Global Threat*. London: Zed Books.
- Farmer, Paul, Jim Yong Kim, Arthur Kleinman, and Matthew Basilio, 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. Films and video clips can be streamed from Blackboard's video reserve.

Precept Hours

P01: Wednesday, 3:30 pm - 4:20 pm	Jessica Ham
P02: Thursday, 10:00 am - 10:50 am	Jessica Ham
P03: Thursday, 10:00 am - 10:50 am	Amy Krauss
P04: Thursday, 11:00 am - 11:50 am	Amy Krauss
P05: Thursday, 2:30 pm - 3:20 pm	Yi-Ching Ong
P06: Thursday, 3:30 pm - 4:20pm	Yi-Ching Ong

If you are unable to attend your precept due to travel or other special circumstances, please attend another precept that week (e-mail to inform your regular precept instructor as well as the instructor leading the precept you wish to attend).

Course Materials and Communication

All lecture slides will be uploaded to Blackboard following each lecture session. We will be in contact weekly via email to provide guidance on the readings. Important class updates (e.g. updates to the reading list) may also be made via email so please do read correspondence carefully.

Office Hours

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|----------------|---------------------------|---|
| • João Biehl | 128 Aaron Burr Hall | Tu 1:00-2:30 pm or by appointment |
| • Jessica Ham | 119 Julis Romo Rabinowitz | Weds 12:30-2:00 pm or by appointment |
| • Amy Krauss | 118 Julis Romo Rabinowitz | Weds 1:30-3:00 pm or by appointment |
| • Yi-Ching Ong | 118 Julis Romo Rabinowitz | Th 1:30-2:30 & 4:20-5:00 pm or by appointment |

Wednesday, September 13

Introduction

- Preamble to the WHO Constitution (1946).
- “What is health? The ability to adapt [editorial].” 2009. *The Lancet* 373(9666): 781.
- Kleinman, A. and A. Petryna. 2002. “Health: Anthropological Aspects.” *International Encyclopedia of the Social and Behavioral Sciences*. London: Elsevier Science Ltd, pp. 6495-99.
- Film (to be screened in class): *The Name of the Disease*, directed by A. Banerjee et al.

This first set of readings explore the central question of “what is health?” -- both conceptually and in lived experience. Linking to ideas from the readings, please reflect on the film and post a brief response to the course-wide Discussion Board (under Course Tools) on Blackboard by 10 pm Sunday Sept 17.

Monday, September 18

The Field of Global Health: Key Actors, Agendas, and Values

- Brown, T.M., M. Cueto, and E. Fee. 2006. “The World Health Organization and the transition from ‘international’ to ‘global’ public health.” *American Journal of Public Health* 96(1): 62-72.
- Biehler, 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, P. et al. 2013. “Introduction: A Biosocial Approach.” In Farmer, Paul, et al., eds., *Reimagining Global Health: An Introduction*. Berkeley: University of California Press, pp. 1-14.

Wednesday, September 20

Zika: A Contemporary Case Study in Global Health

Discussion Board Post #1 Due

- Diniz, D. 2017. *Zika: From the Brazilian Backlands to Global Threat*. London: Zed Books.
- McNeil, D. et al. 2016. “Short answers to hard questions about Zika virus.” *The New York Times*, April 29, 2016. See interactive site online:
<http://www.nytimes.com/interactive/2016/health/what-is-zika-virus.html>
- Glenza, J. 2017. “Up to 1 in 20 babies born to mothers with Zika have birth defects, report says.” *The Guardian*, Jun 8 2017.
- McNeil, D. 2017. “How the response to Zika failed millions.” *The New York Times*, Jan 16, 2017.

OPTIONAL:

- Video clip: from *Love in the Time of Zika*, produced by Geoff Parish for SBS Dateline 2016.
- Film: *Zika*, directed by Debora Diniz, 2016.
- Kruskal, Joshua. 2016. “Zika Virus: How poverty and politics will determine its social costs.” *International Policy Digest*, Feb 19, 2016.

Precepts: Week of September 18

Zika Epidemic

- **Discussion of “Zika” book by Debora Diniz**
- **Small group project: Reflections on Zika**

Understanding and responding to the Zika epidemic requires insight and coordination across various institutions, actors, and expertise. Within small groups assigned in your precept, you will describe the roots and consequences of the epidemic, along with a set of recommendations for a policy response, from one of the following six perspectives: Medical Science, Environment and Infrastructure, Local and Global Politics, Afflicted Communities, Care-giving, Social and Political Determinants of Health.

Monday, September 25

A Historically Deep and Geographically Broad Perspective

- Greene, J., M.T. Basílico, H. Kim, and P. Farmer. 2013. “Colonial Medicine and Its Legacies.” In Farmer, P., et.al., eds., *Reimagining Global Health: An Introduction*. Berkeley: University of California Press, pp. 33-73.
- Appendix: Declaration of Alma Ata (1978). In Farmer, P., et. al., eds., *Reimagining Global Health: An Introduction*. Berkeley: University of California Press, pp. 355-358.
- Basílico, M., J. Weigel, A. Motgi, J. Bor, and S. Keshavjee. 2013. “Health for All? Competing Theories and Geopolitics.” In Farmer, P., et.al., eds., *Reimagining Global Health: An Introduction*. Berkeley: University of California Press, pp. 74-110.

Wednesday, September 27

Structural Violence and Health Inequalities

Discussion Board Post #2 Due

- Farmer, P. et al. 2004. “An anthropology of structural violence.” *Current Anthropology*, 45(3): 305-325.
- Farmer, P., 2015. “Who lives and who dies.” *London Review of Books* [Online] 37(3): 17-20.
- Marmot, M. et al. 2012. “Building of the global movement for health equity: from Santiago to Rio and beyond.” *The Lancet*, 379(9811): 181-188.
- Film (to be screened in class): *Partners in Health: Saving Lives in Rural Haiti*, directed by D. Murdock and N. Benchley, 2003.

OPTIONAL:

- Irwin, A., and E. Scali. 2007. “Action on the Social Determinants of Health: A Historical Perspective.” *Global Public Health* 2(3):235-256.
- Krumeich, A. and Meershoek, A., 2014. “Health in global context; beyond the social determinants of health?” *Global Health Action*, 7(1): 23506.

In-class presentation of Reflections on Zika

Precepts: Week of September 25

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

Discussion: How has the definition of health and its place vis-à-vis other economic/political development goals evolved over the past century? What do these shifts reflect about the big ideas, values, and players that have shaped global health to date? What are structural determinants of health, and how can we identify them and create interventions that address them?

Monday, October 2

The Magic Bullet

- Cueto, M. 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.
- Cueto, M. 2007. *Cold War, Deadly Fevers: Malaria Eradication in Mexico, 1955-1975*. Baltimore: Johns Hopkins University Press. Chapter 4, pp. 112-158.
- Ramalingam, B. 2013. “Thinking Inside the Box.” In *Aid on the Edge of Chaos*. Oxford: Oxford U. Press. pp. 17-41.

OPTIONAL:

- Birn, A-E. 2005. “Gates’ Grandest Challenge: Transcending Technology as Public Health Ideology.” *The Lancet*, 366: 514-519.

Wednesday, October 4

Disease Eradication and Public Health Reinvention

- Bhattacharya S. and R. Dasgupta. 2009. “A tale of two global health programs: Smallpox eradication’s lessons for the anti-polio campaign in India.” *AJPH*, 99(7): 1176-1184.
- Closser, S. 2012. “‘We Can’t Give Up Now’: Global Health Optimism and Polio Eradication in Pakistan.” *Medical Anthropology*, 31(5): 385-403.
- Mason, K.A. 2012. Mobile migrants, mobile germs: migration, contagion, and boundary-building in Shenzhen, China after SARS. *Medical Anthropology*, 31(2): 113-131.

Precepts: Week of October 2

Discussion: Why have global health campaigns and funding sources favored certain approaches at different points in time? What are benefits/limitations of vertical approaches to disease control? How do they compare/contrast to horizontal approaches? What can we learn from failures and successes in disease control campaigns? Please be prepared to discuss examples from your Zika research and from the case studies covered in the lectures and readings.

Monday, October 9

Metrics and Evaluation

- Birn, A-E., Y. Pillay, and T.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, K. “Making Deaths Count.” *Bull World Health Organ* 2006, 84(3): 16.
- Wendland, C. 2016. "Estimating Death: A Close Reading of Maternal Mortality Metrics in Malawi." In Adams, V., ed., *Metrics: What Counts in Global Health*. Durham: Duke University Press, pp. 57-81.
- Parker, I. 2010. “The Poverty Lab.” *The New Yorker* 86:13.
- Cartwright, N. 2011. “A philosopher’s view of the long road from RCTs to effectiveness.” *The Lancet*, 377(9775): 1400-1401.

OPTIONAL:

- Duflo, E. and M. Kremer. 2008. “Use of Randomization in the Evaluation of Development Effectiveness.” In Easterly, W.R., ed., *Reinventing Foreign Aid*. Cambridge: MIT Press, pp. 93-120.
- Lozano, R. et al. 2013. "Global and regional mortality from 235 causes of death for 20 age groups in 1990 and 2010: a systematic analysis for the Global Burden of Disease Study 2010." *The Lancet*, 380(9859): 2095-2128.

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

Wednesday, October 11

Evidence-Based Global Health

Discussion Board Post #3 Due

- Adams, V. 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 Univ. Press, pp. 54-90.
- Erikson, S.L. 2016. “Metrics and Market Logics of Global Health.” In Adams, V. ed., *Metrics: What Counts in Global Health*. Durham: Duke University Press, pp. 147-162.
- Ramalingam, B. 2013. “Watching the Watchmen.” In *Aid on the Edge of Chaos*. Oxford: Oxford U. Press. pp. 100-122.

Precepts: Week of October 9

Discussion: How are goals and priorities in development and global health set? How is progress measured? What are the advantages and limitations of commonly-used metrics in health and development, and how have these informed goals and policies? What do you think should count as actionable evidence for policy-making? What are the advantages and limitations of the dominant modes of program evaluation?

Monday, October 16

HIV/AIDS and 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.
- Frenk, J., Gómez-Dantés, O. and Knaul, F.M., 2014. "The health systems agenda: prospects for the diagonal approach." In G.W. Brown et al., eds., *The Handbook of Global Health Policy*. West Sussex: Wiley-Blackwell Publishing, pp.425-439.

OPTIONAL:

- Hahn, R.A. and M.C. Inhorn. 2009. "Introduction." *Anthropology and Public Health: Bridging Differences in Culture and Society* (second edition). New York: Oxford University Press, pp. 1-31.
- Greene, J.A. 2010. "When did medicines become essential?" *Bulletin of the World Health Organization* 88: 483.

Wednesday, October 18

Patient-Citizens-Consumers

Discussion Board Post #5 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).
- Kenworthy, N., M. Thomann, and R. Parker. 2017. "From a global crisis to the 'end of AIDS': New epidemics of signification." *Global Public Health*, epub ahead of print.

OPTIONAL:

- Nicholson, T., C. Admay, A. Shakow, and S. Keshavjee. 2016. "Double standards in global health: Medicine, human rights law and multidrug-resistant TB treatment policy." *Health and Human Rights*, 18(1): 85-102.

Precepts: Week of October 16

Discussion: Who are key stakeholders in the models of health provision and access discussed this week? What are differences between 'citizens' and 'clients' in these models? How do state and non-state actors figure into these models? What differing conceptions and normative philosophies of health are revealed in different models? What are some of the modes of evidence production at work in the readings this week? How is AIDS signified today and what are present-day challenges?

Monday, October 23

Rethinking Health Systems and Care

- Reynolds Whyte, S. and M.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, J. 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.
- Kim, J.Y., P. Farmer, and M. Porter. 2013. “Redefining Global Health-Care Delivery.” *The Lancet*, 382(9897): 1060-1069.
- Livingston, J. “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.

Wednesday, October 25

Building Sustainable Health Systems: Perspectives from Practitioners

NO Discussion Post Due

- Baleta, A. 2009. “Rural hospital beats the odds in South Africa.” *The Lancet*, 374(9692): 771–2.
- le Roux, K. 2012. “How golden policies lead to mud delivery – and how silver should become the new gold.” Paper presented at the Public Health Association of South Africa 2012 Conference, Bloemfontein, South Africa.
- le Roux, K. 2015. “Rural district hospitals - essential cogs in the district health system - and primary healthcare re-engineering.” *South Afr Med J.*, 105(6):440–1.

OPTIONAL:

- Wendland, C.L. 2012. “Moral Maps and Medical Imaginaries: Clinical Tourism at Malawi’s College of Medicine.” *American Anthropologist*, 114(1): 108-122.

Guest Speakers: Dr. Karl le Roux, Woodrow Wilson School Visiting Lecturer and Principal Medical Officer at Zithulele Hospital, South Africa; Dr. Sally le Roux, Senior Medical Officer at Zithulele Hospital

Precepts: Week of October 23

NO PRECEPTS: WORK ON YOUR MID-TERM EXAM

***** FALL BREAK *****

Monday, November 6

Vulnerability and the Social Markers of Difference

- Ayres, J. R. C. M., V. Paiva, and I. França Jr. 2011. "From natural history of disease to vulnerability: Changing concepts and practices in contemporary public health." In: R. Parker and M. Sommer, eds., *Routledge Handbook in Global Public Health*. Abingdon, Oxon: Taylor and Francis, pp. 98-107.
- Ruckert, A. and Labonté, R. 2014. "The Social Determinants of Health." In G.W. Brown et al., eds., *The Handbook of Global Health Policy*. West Sussex: Wiley-Blackwell Publishing, pp. 267-86.
- Marmot, M. et al. 2008. "Closing the gap in a generation: Health equity through action on the social determinants of health." *The Lancet*, 372(9650): 1661-1669.

Guest Speaker: José Ricardo Ayres, Professor the Department of Preventive Medicine of the Medical School of the University of São Paulo, Brazil

Wednesday, November 8

Socioeconomic Disparities and Structural Competence

Discussion Board Post #6 Due

- Holmes, S.M. 2011. "Structural vulnerability and hierarchies of ethnicity and citizenship on the farm." *Medical Anthropology*, 30(4): 425-449.
- Metz, J.M. and H. Hansen. 2014. "Structural competency: theorizing a new medical engagement with stigma and inequality." *Social Science & Medicine*, 103: 126-133.
- Braveman P. et al. 2010. "Socioeconomic disparities in health in the United States: what the patterns tell us." *AJPH* 100(S1): S186- S196.
- Film excerpt (to be screened in class): from *Unnatural Causes: Is Inequality Making Us Sick?* from Creator and Executive Producer: Larry Adelman (PBS, 2008)

OPTIONAL:

- Castañeda, H. Et al. 2015. "Immigration as a social determinant of health." *Ann. Review of Public Health*, 36: 375-392.

Precepts: Week of November 6

Discussion: What drives health inequalities in the United States and globally? How do the social markers of difference contribute to the pattern of disease and mortality we see in the U.S. and around the world? Can greater access to health care reduce health disparities? Why or why not? Please bring at least one example (either from academic literature or from news articles) on how socioeconomic disparities and social markers of difference play out in the domain of health.

Monday, November 13
The U.S. Health System/Market

- Starr, P. 2008. “American medicine’s transformation (or not): a quarter-century’s perspective.” Paper presented at the Policy History Conference, St Louis, MO.
- Starr, P. 2011. “The Affordable Care Act as Public Philosophy” and “Reform’s Uncertain Fate.” In *Remedy and Reaction: The Peculiar American Struggle Over Health Care Reform*, New Haven: Yale University Press, pp 239-298.
- Birn, A.E. and I. Hellander. 2016. Market-driven health care mess: the United States. *Cadernos de Saúde Pública*, 32(3): e00014816.

OPTIONAL:

- Birn, A-E. et al. 2009. “Understanding and Organizing Health Care Systems.” In *Textbook of International Health: Global Health in a Dynamic World*. Oxford: Oxford U. Press, pp. 583-655.
- Reinhardt, U. et al. 2004. “U.S. Health Care Spending in an International Context.” *Health Affairs* 23(3): 10-25.

Guest Speaker: Alecia McGregor, Assistant Professor of Community Health, Tufts University

Wednesday, November 15
The Affordable Care Act
Discussion Board Post #7 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)
- “Health Policy Brief: Health Insurance Exchanges and State Decisions,” *Health Affairs*, July 18, 2013.
- “The Affordable Care Act Three Years Post-Enactment,” The Henry J. Kaiser Family Foundation, March 2013.
- Holahan, J. et al. 2014. “The Launch of the Affordable Care Act in Selected States: State Flexibility is Leading to Very Different Outcomes.” Urban Institute, March 2014.
- Mankiw, N.G. 2017. “Why health care policy is so hard.” *The New York Times*, July 28, 2017.
- Scott, D. and S. Kliff. 2017. “Why Obamacare repeal failed, and why it could still come back.” *Vox*, July 31, 2017.

OPTIONAL:

- “Summary of the Affordable Care Act.” The Henry J. Kaiser Family Foundation, April 2013.
- Frank, R. “For Obamacare to Work, Everyone Must Be In,” *The New York Times*, August 2013.

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

Precepts: Week of November 13
Healthcare Reform in the United States: Where Next?

Small group activity: You and your classmates will be divided into small groups representing different stakeholders – in your groups, research and discuss what interests and agendas are advanced by the group you represent, how you garner support in the public arena, and what types of rationales are employed to justify your positions (e.g. economic interest, values, etc.). We will then reconvene in precept as a larger group to discuss how these different positions are juxtaposed in the contemporary debate on healthcare.

Monday, November 20

The Politics of Care at the Margins

- Anne Case and Angus Deaton on "Deaths of Despair"- <https://www.brookings.edu/bpea-articles/mortality-and-morbidity-in-the-21st-century/> (watch short video on site)
- Saks, N. 2017. "2 Sisters Try To Tackle Drug Use At A Montana Indian Reservation." *NPR*, May 27, 2017.
- Garcia, A. 2015. "Serenity: Violence, inequality, and recovery on the edge of Mexico City." *Medical Anthropology Quarterly* 29(4): 455-472.
- Alvarado, E. 2008. "Poverty and inequality in Mexico after NAFTA: Challenges, setbacks and implications." *Estudios Fronterizos* 9 (17): 73-105.
- Smith, D. 2017. "Medicalizing the opioid epidemic in the U.S. in the era of health care reform." *Journal of Psychoactive Drugs* 49 (2): 95-101.

OPTIONAL:

- Ciccarone, D. 2009. "Heroin in brown, black and white: Structural factors and medical consequences in the US heroin market." *The International Journal on Drug Policy* 20 (3): 277-282.
- Vashishtha, D., M. Mittal and D. Werb. 2017. "The North American opioid epidemic: Current challenges and a call for treatment as prevention." *Harm Reduction Journal* 14 (7).
- Roberts, A.W., W. Gellad, and A Cockrell Skinner. 2016. "Lock-in programs and the opioid epidemic: A call for evidence." *American Journal of Public Health* 106(11): 1918-1919.

***** THANKSGIVING RECESS *****

No Discussion Post Due

Monday, November 27
Where is the Laboratory?

- Latour, B. 1999. "Give me a laboratory and I will raise the world." In M. Biagioli, ed., *The Science Studies Reader*. New York: Routledge. pp. 258-275.
- Petryna, A. 2005 "Ethical Variability: Drug Development and Globalizing Clinical Trials." *American Ethnologist* 32(2): 183–197.
- Mol, A., 2009. "Living with diabetes: care beyond choice and control." *The Lancet*, 373(9677): 1756-1757.
- Biehl, J., and A. 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:

- Farmer, P. 2002. "Can transnational research be ethical in the developing world?" *The Lancet*, 360(9342): 1266.
- Crane, J. T. 2013. *Scrambling for Africa: AIDS, Expertise, and the Rise of American Global Health Science*. Ithaca: Cornell University Press. Ch. 3, "The Turn to Africa," pp. 80-108.

Wednesday, November 29
Vaccines
Discussion Board Post #8 Due

- Lederberg, J. 2000. "Infectious History." *Science*, 288: 287-293.
- Mahmoud, Adel. 2011. "A global road map is needed for vaccine research, development and deployment" *Health Affairs*, 30: 1034-1041.
- Jamison, D.T. et al. 2013. "Global health 2035: a world converging within a generation." *The Lancet*, 382: 1898-1955.
- Plotkin, S.A., Mahmoud, A.A. and Farrar, J., 2015. "Establishing a global vaccine-development fund." *New England Journal of Medicine*, 373(4): 297-300.

OPTIONAL:

- Collins, F. 2010. "Research agenda: Opportunities for research & the NIH." *Science*, 327: 36-37.
- Wang, H. et al. 2014. "Global, regional and national levels of neonatal, infant and under-5 mortality during 1990-2013: a systematic analysis of the Global Burden of Disease study 2013." *The Lancet*, 384(9947): 957-979
- Livingston, J. et al. 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: JHU Press, pp. 231-253.

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

Precepts: Week of November 27

Discussion: Please bring in an example of a new technology in global health (such as a device, a drug, or even a 'virtual' object such as a mobile app). Please be prepared to discuss the following questions: How does it relate to previous technologies of intervention? Who produces it and what is the intended audience? What are its uses? How is it absorbed in its local context? How do its imagined purposes vary as it interacts with local systems and practices? How should its successes, limitations, and profitability be gauged?

Monday, December 4

Design & Technological Innovation in Global Health

- Redfield, P. 2016. "Fluid Technologies: the Bush Pump, the LifeStraw and Microworlds of humanitarian design." *Social Studies of Science*, 46(2): 159-183.
- Moran-Thomas, A., 2013. "A Salvage Ethnography of the Guinea worm: Witchcraft, Oracles and Magic in a Disease Eradication Program." In Biehl and Petryna, eds., *When People Come First: Critical Studies in Global Health*. Princeton: Princeton University Press, pp.207-239.
- Wolfson, E. 2015. "Can the private sector replace NGOs in the developing world?" *Newsweek* March 4, 2015. <http://www.newsweek.com/2015/03/13/can-private-sector-replace-ngos-developing-world-311201>.

OPTIONAL

- Von Schnitzler, A. 2013. "Traveling Technologies: Infrastructure, Ethical Regimes, and the Materiality of Politics in South Africa." *Cultural Anthropology*, 28(4): 670-693.
- Edgerton, D. 2007. Introduction in *The Shock of the Old: Technology and Global History Since 1900*. Oxford University Press. ix- xvii.

Wednesday, December 6

Global Mental Health

NO Discussion Post Due

- Prince M. et al. 2007. "No health without mental health." *The Lancet*, 370: 859-77.
- Becker, A. and Kleinman, A. 2013. "Mental health and the global agenda." *NEJM*, 369: 66-73.
- Summerfield, Derek. 2008. "How scientifically valid is the knowledge base of global mental health?" *BMJ*, 336: 992-994.
- Biehl, J. 2011. "CATKINE ... asylum, laboratory, pharmacy, pharmacist, I and the cure: pharmaceutical subjectivity in the global South." In Jenkins, J. ed., *Pharmaceutical Self: The Global Shaping of Experience in an Age of Psychopharmacology*. Santa Fe, NM: SAR Press, pp.67-96.
- Han, C. 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.

OPTIONAL:

- Collins, P.Y. et al. 2013. "Grand challenges in global mental health: Integration in research, policy, and practice." *PLoS Med* 10(4): e1001434.
- Bartlett, N. W. Garriott, and E. Raikhel. 2014. "What's in the treatment gap? Ethnographic perspectives on addiction and global mental health from China, Russia, and the United States." *Medical Anthropology* 33(6): 457-477.
- Weigel, J. et.al. 2013. "Global health priorities for the early twenty-first century." In Farmer, P. et.al., eds., *Reimagining Global Health: An Introduction*. Berkeley: University of California Press, pp. 299-335.

Precepts: Week of December 4

Group Presentations

Monday, December 11

The Environment and Global Health

- Whitmee, S. et al. “Safeguarding human health in the Anthropocene epoch: report of The Rockefeller Foundation–Lancet Commission on planetary health.” *The Lancet* 386.10007 (2015): 1973-2028.
- Dangour, A.D., Mace, G. and Shankar, B., 2017. “Food systems, nutrition, health and the environment.” *The Lancet Planetary Health*, 1(1): e8-e9.
- Yates-Doerr, E. 2015. “The world in a box?: Food security, edible insects, and “One World, One Health” collaboration.” *Social Science and Medicine* 129: 106-112.
- Hayes-Conroy, A. and Sweet, E. 2015. “Whose adequacy?: (Re)imagining food security with displaced women in Medellin, Columbia.” *Agriculture and Human Values* 32(3): 373-384.

Wednesday, December 13

Global Health Horizons

NO Discussion Board Post Due

Precepts: Week of December 11

Group Presentations