

Barnard College  
Spring 2010  
Monday 11:00am - 12:50pm  
Diana Center 502

Professor [Yanzhong Huang](#)  
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Political Science BC 3506 Colloquium on  
**Global Health Security**  
(January 22, 2010)

**Overview**

Health issues, especially infectious diseases, have affected world history more extensively than most of us can imagine. In today's world, international trade and travel threaten pandemics by transporting and spreading diseases globally at jet speed. The expanded risk of exposure to global health challenges creates a situation in which health and security are intersecting with greater frequency. This development parallels post-Cold War efforts to redefine the concept of security to encompass new global challenges. How did epidemics function as causative agents of historic change? Should health be part of the rising new security agenda? If so, what are the major linkages between health and security? Should all health problems be "securitized" in a way that demands serious attention from decision makers? How do we respond to the growing global health challenges appropriately and effectively?

This course is an interdisciplinary survey that covers the issues of global health, security, and governance. It has five main objectives: 1) to examine the historical impact of infectious disease, be it naturally occurring or deliberately caused; 2) to introduce students the concepts and theories pertinent to health security; 3) to clarify the processes by which health problems function to threaten human, national or international security; 4) to evaluate the existing global health challenges and their security implications; and 5) to explore the governance and foreign policy options aimed at addressing such challenges.

The course will be divided into three parts. Part I discusses the historical impact of infectious disease on human societies and international relations, including how human beings responded to epidemics and how governments sought to manipulate the pathogens as weapons of war. Part II examines the growing global health problems and elucidates the intersections between health and security. Part III discusses foreign policy and governance issues in addressing global health challenges.

**Course Requirements:**

Students are expected to attend all class sessions, participate actively in discussions, and complete all readings before class. In addition, students will complete two short papers, a 5-page research proposal and a research paper of 25-30 pages.

The two short papers will each be worth 20% of the final grade, the research proposal 10%, the final research paper 30%, and class participation and attendance 20%.

Prerequisite: POLS V1501, POLS V1601, the equivalent or instructor's permission.  
Admission is by application through the Barnard Department of Political Science only.

**Course Readings:**

- Barry Kellman, Bioviolence (New York, NY: Cambridge University Press, 2007).
- William H. McNeill, Plagues and Peoples (New York: Anchor Press, 1976).
- Alfred W. Crosby, America's Forgotten Pandemic: The Influenza of 1918 (New York: Cambridge University Press, 2003).
- Andrew Price-Smith, Contagion and Chaos: Disease, Ecology, and National Security in the Era of Globalization (Cambridge, MA: MIT Press, 2009).
- Patrice Bourdelais, Epidemics Laid Low: A History of What Happened in Rich Countries (Baltimore, MD: Johns Hopkins University Press, 2006).
- Stefan Elbe, Virus Alert: Security, Governmentality, and the AIDS Pandemic (New York: Columbia University Press, 2009)

All the books are on order at Columbia University Bookstore and should be on reserve on the first floor of Barnard Library.

**Course Schedule and Reading Assignments**

**Week 1 (January 25): Introduction**

**PART I: DISEASE, HISTORY, AND THE STATE**

**Week 2 (Feb. 1): Disease and Early Civilizations**

- McNeill, pp. 19-160

**Week 3 (Feb. 8): Epidemics and the State**

- McNeill, pp. 161-241
- Price-Smith, Chs. 1-2

**Week 4 (Feb. 15): The Great Influenza**

- Crosby, pp. xi-226, 295-328.

**Week 5 (Feb. 22): Human Response and the Politics of Disease Control**

- Bourdelais, pp. 6-127

**\*\*\* FIRST SHORT PAPER DUE FEB. 22\*\*\***

**Week 6 (March 1): Biological Warfare**

- Kellman, pp. 55-66
- Richard Danzig and Pamela B. Berkowsky, "Why Should We Be Concerned About Biological Warfare?" JAMA 278, 5 (August 6, 1997): 431-432
- George W. Christopher et al., "Biological Warfare: A Historical Perspective," JAMA 278, 5 (August 6, 1997): 412-417.
- Susan Martin, "The Role of Biological Weapons in International Politics: The Real Military Revolution," Journal of Strategic Studies 25, 1 (March 2002): 63-98

- Gregory Koblentz, "Pathogens as Weapons: The International Security Implications of Biological Warfare," International Security 28, 3 (Winter 2003/04): 84-122

## **PART II: HEALTH AS A SECURITY CHALLENGE**

### **Week 7 (March 8): Redefining Security**

- Elbe, Ch. 3
- Roland Paris, "Human Security: Paradigm Shift or Hot Air?" International Security, 26, 2 (Fall 2001): 87-102.
- The Princeton Project on National Security, Report of the Working Group on State Security and Transnational Threats, 2006
- Christopher F. Chyba, "Biological security in a changed world," Science 293, 5539 (September 28, 2001), pp. 2349-

### **\*\*\* RESEARCH PROPOSAL DUE MARCH 12\*\*\***

#### **March 15      Spring Break**

### **Week 8 (March 22): Emerging Diseases and Security Implications**

- Susan Peterson, "Epidemic Disease and National Security," Security Studies 12 (2), Winter 2002/2003
- National Intelligence Council, "The Global Infectious Disease: Threat and Its Implications for the United States," NIE 99-17D, January 2000 (available online at <http://www.cia.gov/cia/reports/nie/report/nie99-17d.html>)
- National Intelligence Estimate, Strategic Implications of Global Health, ICA 2008-10D, December 2008 (available at [http://www.dni.gov/nic/PDF\\_GIF\\_otherprod/ICA\\_Global\\_Health\\_2008.pdf](http://www.dni.gov/nic/PDF_GIF_otherprod/ICA_Global_Health_2008.pdf))
- Price-Smith, Chs. 4, 6
- Elbe, Ch. 2

### **Week 9 (March 29): Bioterrorism and Biosecurity**

- Kellman, Chs. 1-2, and pp. 66-83
- Jessica Stern, "Dreaded Risks and the Control of Biological Weapons," International Security 27, 3 (Winter 2002/03), pp. 89-123
- Philip Alcabas, "The Bioterrorism Scare," The American Scholar 73, Spring 2004

### **Week 10 (April 5): Health, Demographic Crisis, and Security**

- Valerie Hudson and Andrea M. Den Boer, "A Surplus of Men, A Deficit of Peace: Security and Sex Ratios in Asia's Largest States," International Security, 26, 4 (Spring 2002), pp. 5-38.
- Henrik Urdal, "A Clash of Generations? Youth Bulges and Political Violence," International Studies Quarterly, September 2006
- Jack A. Goldstone, "The New Population Bomb: The Four Megatrends That Will Change the World," Foreign Affairs, January/February 2010.

### **Week 11 (April 12): New Pandemic Threats**

- Edwin D. Kilbourne, "Influenza Pandemics of the 20<sup>th</sup> Century," Emerging Infectious Diseases 12, 1 (January 2006).

- Yanzhong Huang, "In-Flew-Enza: Pandemic Flu and Its Security Implications," in Andrew F. Cooper and John J. Kirton, eds., Innovation in Global Health Governance: Critical Cases (London: Ashgate, 2009), pp. 127-150.
- Michael Osterholm, "Preparing for the Next Pandemic," Foreign Affairs, Jul/August 2005
- Michael Fumento, "Fuss and Feathers: Pandemic panic over the avian flu," The Weekly Standard, November 21, 2005

### **Week 12 (April 19) Toward A Health Security Paradigm?**

- Jack Chow, "Health and International Security," The Washington Quarterly 19, no. 2 (Spring 1996): 63-77
- Stefan Elbe, "Should HIV/AIDS be Securitized? The Ethical Dilemmas of Linking HIV/AIDS and Security," International Studies Quarterly 50, no. 1 (2006)
- Jonathan Ban, "Health as a Global Security Challenge," Seton Hall Journal of Diplomacy and International Relations 4, 2 (Summer/Fall 2003).
- David Fidler, "A Pathology of Public Health Securitism: Approaching Pandemics as Security Threats," in Andrew F. Cooper et al. eds., Governing Global Health: Challenge, Response, Innovation (Aldershot: Ashgate Publishers, 2007).

### **\*\*\* SECOND SHORT PAPER DUE APRIL 19\*\*\***

### **PART III: GLOBAL HEALTH DIPLOMACY AND GOVERNANCE**

#### **Week 13 (April 26): The Global Strategy for Biosecurity**

- Kellman, Chs. 4-7
- David Fidler, "From International Sanitary Conventions to Global Health Security: The New International Health Regulations," Chinese Journal of International Law 4, no. 2 (2005): 325-392
- Larry Gostin, "Influenza A(H1N1) and Pandemic Preparedness under the Rule of International Law," JAMA, June 10, 2009
- Yanzhong Huang, "The H1N1 Virus: Varied Local Responses to a Global Spread," YaleGlobal Online, September 1, 2009 (Available at <http://yaleglobal.yale.edu/content/h1n1-virus-varied-local-responses-global-spread>)

#### **Week 14 (May 3): Global Health and Foreign Policy**

- Ministers of Foreign Affairs of Brazil, France, Indonesia, Norway, Senegal, South Africa, and Thailand, "Oslo Ministerial Declaration – global health: a pressing foreign policy issue of our time," The Lancet 369, April 21, 2007
- David Fidler, "Health as Foreign Policy," Whitehead Journal of Diplomacy and International Relations, vol. VI, no. 2 (Summer-Fall 2005), pp. 179-194
- Yanzhong Huang, "Pursuing Health as Foreign Policy: The Case of China," Indiana Journal of Global Legal Studies, Spring 2010.
- Iona Kickbusch et al., "Global Health Diplomacy: the need for new perspectives, strategic approaches and skills in global health," Bulletin of the World Health Organization, 85, no. 3 (March 2007): 230-232.

### **\*\*\* RESEARCH PAPER DUE MAY 3 \*\*\***