First Examination Reading Lists for Geography, EES
August 2014

The Nature of Scientific Research
(Complement to the syllabus for EES 704)
Professors Yehuda Klein and Ines Miyares (See also: separate reading list from Professor Jim Biles)


Kuhn, Thomas S. 1962. The Structure of Scientific Revolutions, excerpts from Chapters 8-10.


**Geographic Thought and Theory**
(This is a supplement—with many overlaps—to the EES 709 syllabus)
Professors David Harvey and Marianna Pavlovskaya

**History of geography/empire**

[A critical analysis of geography’s role in colonialism with a special focus on Britain]

[An episodic intellectual history of European geography from the 18th century up to 1945]

[A series of essays covering the relationship of geography as a discipline and imperial power, from Europe, North America and Japan]

[A highly descriptive, rather hagiographic, survey of geography and geographers from “the classical period” to the mid-20th century. A factual reference work.]


**Nature**


**Globalization**


Production of space and place


Scale


**Cartography and GIS**


Cities and Urban Processes
Professor Ines Miyares

The list below includes a number of recent articles that reflect current directions in urban geography, particularly, the relationship between the local, the national, and the global in understanding the contemporary city. Read these and other articles on this theme to prepare for your exam. Please refer to syllabi from Urban Geography courses taught in the program over the past 3-5 years.


GIS
Professor Juliana Maantay
(In addition, see syllabus for GIS class, separate attachment [previously sent].)


**Geographic Knowledge in Action**
Professor John Seley


Eugenie Birch, ed., *The Urban and Regional Planning Reader*, Routledge, 2009, Chapters 11, 17, 18, 25, 26, 37, 46, 47.


Kristina Ford, *The Trouble with City Planning*, Yale University Press, 2010

Globalization and Uneven Development

Professor Rupal Oza
(In addition, please see syllabus for Professor Oza's globalization seminar.)


Steve Derné ‘Globalization and the making of a transnational middle class’ *Critical Globalization Studies*.


**Health Geographies**
Professor Juliana Maantay
(In addition please see the syllabi for “The Geography of Urban Health,” and “Environmental Health and GISc” courses sent separately.)

**Track – description:**
The Health Geographics specialization track focuses upon the spatiality of disease and other public health issues, particularly health in the urban environment. It explores the intersection of population geography, ecological studies, community health research, epidemiology, environmental analysis, and hazard and risk assessment. The influences of environmental and socio-economic factors upon health are examined in a geographical context. Topics include patterns of health disparities and inequities; environmental health justice; environmental burdens and impacts; differential access to health care and healthy lifeways; the impact of the built environment upon health outcomes; links between health outcomes with social and physical environments; the relationship between social capital and health; patterns of disproportionate vulnerability, exposure, and risk; local-scale and global health inequalities; migration and health; the provision and utilization of health services; the geographies of disease, illness, and disability; and specific gender and age health issues. Health is studied from a geographical perspective through the relevant theory, methodologies, and research, using both qualitative and quantitative methods, including GISc, spatial analysis, and geostatistics. The theoretical framework can include the positivist, social interactionist, structuralist, and post-structuralist approaches to the geographies of health.

**Reading List for Health Geographies in EES-Geography Doctoral Program**


http://www.lehman.edu/deannss/geography/publications/Maantay_Health_and_Place.pdf


Morello-Frosch, R. and Jesdale W., 2006. Separate and unequal: residential segregation and estimated cancer risks associated with ambient air toxics in the US metropolitan areas. Environmental Health Perspectives, 114:1-8.


http://www.geo.hunter.cuny.edu/~dgreimer/TEMPALSKI/rosenberg%5B1%5D.pdf


Tiwari, C. and G. Rushton, 2010. A spatial analysis system for integrating data, methods and models on environmental risks and health outcomes. Transactions in GIS.
**Relevant Websites:**

*International Journal of Health Geographics* (journal)
*Health and Place* (journal)
*Geospatial Health* (journal)
Social and Spatial Inequalities (SASI at the University of Sheffield, UK)
*Social Science and Medicine* (journal)
Production of Nature
Professor Cindi Katz


Cox, Helen “What are we doing about climate change?” Human Geography 3(2), 2010.


NATURE OF SCIENTIFIC RESEARCH


Shiva, V. 1993. Monocultures of the Mind. Trumpeter (ISSN: 0832-6193)

Sismondo, S. 2010. An Introduction to Science and Technology Studies. Malden, MA. Wiley-Blackwell (Chapters 1-8, 14-17)