

RUTGERS UNIVERSITY
Bloustein School of Planning and Public Policy

975:417 / 832:417 / 970:659: Population: Tools and Policy
Thursdays 4:30 – 7:10 pm Room: CSB 170

FALL 2006

Professor: Radha Jagannathan
CSB Room 354
33 Livingston Ave, New Brunswick
Telephone: 732-932-4101 x668
email: radha@rci.rutgers.edu
Office Hours: Wednesday and Thursday 1:30 – 3:00 pm.

Description: This course is designed to provide a broad overview of the field of population studies. It introduces students to methods of demographic analysis and surveys social science perspectives on population problems. Major topical areas will include mortality, fertility, migration, immigration, population growth, marriage and household formation behavior. Some of the questions we will look at include: Why has fertility declined over the last century? What will be the social and economic consequences of the AIDS epidemic in Africa? Why do people move? Are there limits to human life expectancy? How many people can the earth support? What impact do immigrants have on US workers and tax payers? What are the impacts of the new urban revival in the US? Is it possible to fix the Census undercount?

The course will be relevant to students in public health, urban planning, sociology, social work, geography and economics. The course is open to graduate students in these disciplines as well as undergraduate seniors.

Format: The first five weeks of the course will follow a lecture format during which methods of demographic analysis will be presented. The rest of the course will follow a seminar format where students take turns presenting the readings and the class as a whole discusses the issues involved in the readings.

Requirements: Course requirements include completion of a midterm exam, a final exam, 4 problem sets, and intensive class participation and presentations.

Grading: The final grade will be computed as follows:

Problem Sets	20 percent
Midterm	30 percent
Final Exam	35 percent
Presentations/Class participation	15 percent

Text & Readings: No Text book
A reading packet is available from University Publishing Solutions (UPS) containing the attached readings. A representative from UPS will visit the first or second week of class to sell you the reading packet.

Course Outline

- Week 1 Introduction and Overview, Survey of World Population Growth, Basic Demographic Concepts
- Week 2 Demographic Measures, Data Sources, Population Structure
- Week 3 Mortality – Measurement and Concepts
- Week 4 Fertility – Measurement and Concepts
- Week 5 Population Projections

Reading List for Weeks 6-14

**** indicates optional readings**

Week 6 **Factors Affecting Fertility & Nuptiality**

Easterlin, Richard A. (1975) “An Economic Framework for Fertility Analysis.” *Studies in Family Planning* 6: 54-63.

Retherford, Robert D.; Ogawa, Naohiro; & Sakamoto, Satomi (1996) “Values and Fertility Change in Japan.” *Population Studies*, March 1996, Vol. 50, Issue 1, pp. 5-25.

Bongaarts, John (2002) “The End of the Fertility Transition in the Developing World.” *Population Council Working Papers* 161.

Cleland, John & Wilson, Christopher (1987) “Demand Theories of the Fertility Transition: An Iconoclastic View.” *Population Studies*, March 1987, Vol. 41, Issue 1, pp. 5-30.

**Potts, Malcolm. (1997) “Sex and the Birth Rate: Human Biology, Demographic Change, and Access to Fertility-Regulation Methods.” *Population and Development Review*, March, Vol.23, Issue 1, 1-39.

Week 7 Factors Affecting Morbidity and Mortality

Mosley, Henry W. & Chen, Lincoln C. (1984) "An Analytical Framework for the Study of Child Survival in Developing Countries." in Mosley, W.H. & Chen, L.C., Eds., *Child Survival: Strategies for Research*, Supplement to Vol. 10 of *Population and Development Review* pp. 25-45.

Wilmoth, J. R. (2000) "Demography of Longevity: Past, Present and Future Trends." *Experimental Gerontology* 35:1111-1129.

Caldwell, John C. (1990) "Cultural and Social Factors Influencing Mortality Levels in Developing Countries." *Annals of the American Academy of Political and Social Science*, Vol. 510, July 1990, pp. 44-59.

Cockerham, William C. (1997) "The Social Determinants of the Decline of Life Expectancy in Russia and Eastern Europe: A Lifestyle Explanation." *Journal of Health and Social Behavior* 38: 117-130.

UNAIDS (2004) Report on the Global HIV/AIDS Epidemic – June 2004, Chapters 1-3. **Not included in course packet – download from:**
http://www.unaids.org/bangkok2004/report_pdf.html

Week 8 Midterm Exam

Week 9 International Migration

Martin, Philip and Jonas Widgren (2002) "International Migration: Facing the Challenge." *Population Bulletin* 57(2). Washington, DC: Population Reference Bureau.

National Research Council (1997) *The New Americans: Economic, Demographic and Fiscal Effects of Immigration* (James P. Smith and Barry Edmonston, eds.). National Academy Press. Washington, DC. Executive Summary. **Not included in course packet – download from:**
<http://newton.nap.edu/catalog/5779.html>

Kapur, Devesh and John McHale (2003) "Migration's New Payoff." *Foreign Policy* (Nov/Dec): 49-57.

Katel, Peter (2005) "Do Illegal Workers Help or Hurt the Economy?" *CQ Researcher* 15(17).

Carens, Joseph H. (2003) "Who Should Get In? The Ethics of Immigration Admissions." *Ethics and International Affairs* 17(1): 95-110.

Week 10 Internal Migration, Urbanization and the Environment

Cities and Urbanization

Massey, Douglas S. (1996) "The Age of Extremes: Concentrated Affluence and Poverty in the Twentyfirst Century." *Demography*, Vol. 33, Issue 4, pp. 395-412.

Cohen, Barney (2005) "Urban Growth in Developing Countries: A Review of Current Trends and a Caution Regarding Existing Forecasts." *World Development* 32(1): 23-51.

Environment

Hardin, Garrett (1968) "The Tragedy of the Commons." *Science* 162: 1243-1248.

Ostrom, Elinor, Joanna Burger, et al. (1999) "Revisiting the Commons: Local Lessons, Global Challenges." *Science* 284: 278-282.

Najam, Adil (1996) "A Developing Country's Perspective on Population, Environment, and Development." *Population Research and Policy Review*, February 1996, Vol. 15, Issue 1, pp. 1-19.

Week 11 Consequences of Population Change in Poorer Countries

Ahlburg, Dennis A. (1998) "Julian Simon and the Population Growth Debate." *Population and Development Review* 24(2): 317-327.

Riley, Nancy E. (2004) "China's Population: New Trends and Challenges." *Population Bulletin* 59(2). Washington, DC: Population Reference Bureau.

Menken, Jane (1994). "Demographic-Economic Relationships and Development." In *Population-the Complex Reality: A Report of the Population Summit of the World's Scientific Academies* (Smith, ed.). The Royal Society: North American Press, pp.59-70.

Week 12 Consequences of Population Change in Richer Countries

**Wise, David. (1997). "Retirement Against the Demographic Trend: More Older People Living Longer, Working Less, Saving Less." *Demography*, Volume 34, Issue 1, pp.83-95.

Preston, Samuel H. (1984) "Children and the Elderly: Divergent Paths for America's Dependents." *Demography*, November 1984, Vol. 21, Issue 4, pp. 435-457.

Teachman, Jay D., Lucky M. Tedrow, and Kyle D. Crowder (2000) "The Changing Demography of America's Families." *Journal of Marriage and the Family* 62: 1234-1246.

Bongaarts, John (2004) "Population Aging and the Rising Cost of Public Pensions." *Population and Development Review* 30: 1-23.

Himes, Christine (2005) "The Future of Social Security." *Population Reference Bureau Pages* 1-5.

Week 13 Population Policy

Bongaarts, John (1994) "Population Policy Options in the Developing World." *Science*, Vol. 263, Issue 5148, pp. 771-776.

McIntosh, C. Alison & Finkle, Jason L. (1995) "The Cairo Conference on Population and Development: A New Paradigm?" *Population and Development Review*, June 1995, Vol. 21, Issue 2, pp. 223-260.

Li, Jiali (1995) "China's One-child Policy: How and How Well Has It Worked? A Case Study of Hebei Province, 1979-88." *Population and Development Review*, September 1995, Vol. 21, Issue 3, pp. 563-585.

Caldwell, John, Pat Caldwell, and Peter McDonald (2002) "Policy Responses to Low Fertility and Its Consequences: A Global Study." *Journal of Population Research* 19: 1-24.

Morgan, Philip S. (2003) "Is Low Fertility A Twenty-First-Century Demographic Crisis?" *Demography* Vol.40, Issue 4, pp.589-603.

Week 14 Controversies in the 2000 Census

Freedman, David A. (1991) "Adjusting the 1990 Census." *Science*, Vol. 252, pp. 1233-1236.

Anderson, Margo J. & Fienberg, Steven E. (1999) *Who Counts? The Politics of Census-Taking in Contemporary America*. New York: Russell Sage. Chapter 1 & 2 (pp. 1-34).

Wright, Lawrence (1994) "One Drop of Blood." *New Yorker*, July 25, 1994, pp. 45-55. **Not included in course packet – will be handed out in class.**

Long and Short Census Forms.

Week 15 Final Exam