

Demography/Sociology 126
Social Consequences of Population Dynamics
UC Berkeley, Fall 2008

<i>Time and place:</i>	Tuesday and Thursday 2-3:30 122 Wheeler Hall
<i>Professor:</i>	Jennifer Johnson-Hanks
<i>Professor's office hours:</i>	Wednesday 10-12 2232 Piedmont Avenue, Room 210 SIGN UP IN ADVANCE!
<i>Graduate student instructors:</i>	Fiona Willis and Margaret Frye
<i>GSIs' office hours:</i>	TBA

What is this course about?

From deforestation in the Amazon, to the Israeli-Palestinian conflict, to the social security shortfall, many of today's critical problems are related to population size, structure, or composition. Demographers ask: How many people are there? Where are they? What are their attributes? How are these factors changing over time? The answers to these simple questions are both revealing and consequential. The purpose of this course is to provide you with a basic set of tools for understanding population processes and their effects on society. At the end of this course, you should be a more critical consumer of the news media's claims about population problems and a more informed voter on issues related to population.

How is the course organized?

The course consists of four sections—an introduction, followed by sections on population size and population growth, population age and sex structure, and international migration. Throughout the course, we will use a range of learning methods: the class meetings will be primarily devoted to lecture, but will also include some discussion, films and review for exams. In addition, discussion sections with Ms. Frye and Ms. Willis will provide the opportunity to debate the issues raised in lecture. The discussion sections are mandatory.

How will we evaluate learning?

Grades will be based on a take-home mid-term exam, take-home final exam, and section participation. Each of these three elements will count equally. The exams will be a combination of short-answer and essay questions. The exams are due as specified in the syllabus not be accepted late.

What readings are required?

All of the readings required of all students are in a reader, available at Copy Central on Bancroft Avenue. A copy will be available on reserve in Moffitt Library. The starred readings are additional readings for the graduate students in the class. To minimize cost, they are not included in the reader, but are on reserve for photocopying in the Demography library. I also recommend the following pamphlet (available from PRB's website), as a complement to what we cover in class: McFalls, J. 2003. Population: A Lively Introduction. Washington, D.C.: Population Reference Bureau.

Schedule of readings, lectures, and assignments

Section I: Introduction and Overview

August 28	Introductory lecture
September 2	Lecture: "The elements of 'demographic metabolism': fertility, mortality, migration" **Ryder NB. 1964. Notes on the Concept of a Population. <i>American Journal of Sociology</i> 69: 447-62.
September 4	Lecture: Demographic transition, part I: Empirical evidence Livi-Bacci, M. 2003. <u>A Concise History of World Population</u> (3 rd edition). London: Blackwell Press. Pages 1-28. **Coale A. 1986. The Decline of Fertility in Europe since the Eighteenth Century as a Chapter in Demographic History. In <u>The Decline of Fertility in Europe</u> , ed. A Coale, S Watkins, pp. 1-30. Princeton, N.J.: Princeton University Press.

- September 9 **Lecture:** Demographic transition, part II: Theory and explanation
 Notestein F. 1945. Population--The Long View. In Food for the World, ed. TW Schultz, pp. 36-57. Chicago: University of Chicago Press.
 **Davis K. 1963. The Theory of Change and Response in Modern Demographic History. *Population Index* 29: 345-66.
- September 11 **Lecture:** Demographic transition, part III: Contemporary patterns
 Watkins, Susan Cotts. 2000. "Local and Foreign Models of Reproduction in Nyanza Province, Kenya." *Population and Development Review* 26:725-759.
 **Caldwell, J. (1976). "Toward a Restatement of Demographic Transition Theory." *Population and Development Review*. 2(3-4): 321-366.

Section II: Population growth, economy, and environment

- September 16 **Lecture:** Thomas Malthus and the concept of homeostasis
 Malthus T. 1970 [1798]. An Essay on the Principal of Population. New York: Penguin Books. Pages 67-80 & 89-103.
 Malthus T. 1970 [1798]. An Essay on the Principal of Population. New York: Penguin Books. **Additional pages tba
- September 18 **Discussion:** Boserup's response to Malthus
 Boserup E. 1987. Population and Technology in Preindustrial Europe. *Population and Development Review* 13: 691-701.
 **Lee, Ronald Demos. 1986. Malthus and Boserup: A Dynamic Synthesis. In D. Coleman and R. Schofield, eds. The State of Population Theory. London: Basil Blackwell Press.
- September 23 **Lecture:** IPAT and other approaches to human impacts on the environment
 Ehrlich, P. & J. Holdren. 1971. Impact of Population Growth. *Science* 171(3977):1212-1917..
 Simon, Julian L. 1980. "Resources, Population, Environment: An Oversupply of False Bad News". *Science, New Series*, 208 (4451): 1431-1437.

September 25 **Film:** “China Revs Up,” from “World in the Balance” (2004)
Preston, S.H. 1996. “The Effect of Population Growth on Environmental Quality.” *Population Research and Policy Review*. 15(2):95-108.
****Bongaarts, John. 1978. "A Framework for Analyzing the Proximate Determinants of Fertility." *Population and Development Review* 14:105-132.**

September 30 **Lecture:** Population growth and economic development
Keyfitz, N. 1992. “Seven Ways of Causing the Less-Developed Countries Population Problem to Disappear—In theory.” *European Journal of Population*. 8(2):149-167.
****Easterlin, R. (1967) “Effects of Population Growth on the Economic Development of Developing Countries.” *Annals of the American Academy of Political and Social Science*. 369:98-108.**

October 2 **Review & midterm exam handed out**

Section III: Population age and sex structure

October 7 **Lecture:** “Population age and sex structure—changing pyramids”
****Keyfitz, N. 1975. “How Do We Know the Facts of Demography?” Population and Development Review. 1(2):267-288.**

October 9 **###MIDTERM EXAM DUE AT THE BEGINNING OF CLASS##**
Lecture: “What is the problem with social security?”
Lee, R. & Tuljapurkar S. 1997. Death and Taxes: Longer Life, consumption and social security. *Demography* 34(1):67-81.

October 14 **Lecture:** “Easterlin & Ryder: Two views on the importance of cohort”
Easterlin R. 1980. Birth and Fortune: The Impact of Numbers on Personal Welfare. New York: Basic Books. Pages 3-34.
****Ryder NB. 1965. The Cohort as a Concept in the Study of Social Change. *American Sociological Review* 30: 843-61.**

- October 16 **Discussion:** “Sex selection and marriage squeezes”
 Coale, A. and J. Banister. 1994. Five Decades of Missing Females in China. *Demography*. 31(3):459-479.
- October 21 **Lecture:** “Age and sex structure in social context”
 **Vaupel, J. et al. (1979). “Impact of Heterogeneity in Individual Frailty on the Dynamics of Mortality” *Demography* 16(3): 439-454.

Section IV: International Migration and Population Composition

- October 23 **Lecture:** “Population Composition: Race, Class, Religion”
Readings TBA (will be distributed in class)
- October 28 **Lecture:** “Migration trends across time and place”
 Stalker, P. (2002). “Migration Trends and Migration Policy in Europe.” *International Migration*. 40(5):151-179.
- October 30 **Lecture:** Why do people migrate? What kinds of migration are there?
 Massey, D. et al. 1993. “Theories of International Migration: A Review and Appraisal.” *Population and Development Review*. 19(3):431-466.
 **Lee, E.S. 1966. “Theory of Migration.” *Demography*. 3(1):47-57.
- November 4 **Lecture:** “The effects of migration on sending & receiving countries”
 Durand, J; Kandel, W; Parrado, EA, et al. (1996). “International Migration and Development in Mexican Communities.” *Demography*. 33(2): 249-264.
- November 6 **Film:** “The New Americans, Episode 1,” 2004. (part 1)
 **Portes, A. and M. Zhou. (1993) “The New Second Generation: Segmented Assimilation and Its Variants.” *Annals of the American Academy of Political and Social Science*. 530:74-96.

- November 13 **Film:** “The New Americans, Episode 1,” 2004. (part 2) and
Discussion
**Palloni, A. and E. Arias. (2004). “Paradox lost: Explaining the
Hispanic adult mortality advantage” *Demography*. 41(3):385-415.
- November 18 **Lecture:** “Immigration and politics”
Espenshade, T and C. Calhoun. (1993). An Analysis of Public
Opinion toward Undocumented Immigration. *Population Research
and Policy Review*. 12(3):189-224.
- November 20 **Lecture and Discussion:** “Population, politics, and democracy”
- November 25 **Review and course wrap-up—Final exam handed out**

**FINAL EXAM IS DUE FRIDAY, DECEMBER 5th BY 5PM IN THE BOX IN THE
DEMOGRAPHY BUILDING—2232 PIEDMONT AVENUE**