

COURSE OUTLINE AND READING LIST

FOR

**BUSINESS 33470
ECONOMICS 22500/32200**

POPULATION AND THE ECONOMY

University of Chicago
Autumn 2012
Tues./Thurs. 1:30-2:50PM

C. Hoyt Bleakley
Robert W. Fogel
HC C08

Organization of the Course and Grades

The textbook for this course is Roderick Floud et al., The Changing Body: Health Nutrition and Human Development in the Western World since 1700 (Cambridge University press 2011). Five copies of this book are on reserve at the library. Those who wish to do so may purchase copies at the bookstore.

The grade for this course will be based on one reading summary, one in-class presentation, a midterm, and a final examination. The final examination will account for 60 percent of the grade, the midterm for 25 percent, the presentation for 7.5 percent, and the summary for 7.5 percent. The midterm will be in class on November 1st. The date of the final exam will be announced later (please note that there is no possibility of change to the final exam schedule per request of the Booth school's Dean's office). Both exams will be closed book. Problem sets will be due one week after they are distributed. Elisa Olivieri (olivieri@uchicago.edu) and Daryl Fairweather (daryl@uchicago.edu) are the teaching assistants for the course. Students should regularly check the course homepage hosted at the Chalk website: chalk.uchicago.edu. The entry for this course is under the title: BUSF-33470 (Autumn 10) Population and the Economy^①.

The policy of the Booth School of Business requires that the grade point average for each Booth course not exceed 3.33, and will apply to *all students enrolled in Business 33470*, regardless of their degree program. The policy does not, however, apply to students enrolled in Economics 225 and 322.

Readings

Readings for this course are divided into three main parts. Items listed under *Basic Reading* and *Material for student presentations* are required; items listed under *Supplementary Reading* are

① Anyone with a valid CNet ID can log into the Chalk website. If you have registered for this course, the course entry should automatically show up under the Chalk tab. Otherwise you may need to browse the course catalog to locate the entry.

recommended, but not required. In order to lower the cost of the course packet by Booth request, we provide the online links for the articles that can be accessed through the on-campus network^②; therefore, the course packet only includes those that are not online accessible. We indicate at the end of each item whether it is available in the course packet.

Section Meetings

We will occasionally hold TA sessions to introduce and discuss problem sets and to review the material for the exams. We will announce the dates, times, and locations of these sessions ahead of time.

Student presentation and summary of reading materials

Several weeks of the course will contain student presentations, covering seminal work in the field and cutting-edge research papers. By the end of the first week, each student will be assigned an article on the reading list. Students are responsible for writing a 500-1000 word summary of their article, and for presenting their article to the professors and the class. The presentation schedule will be set during the first week of class; presentations will begin on October 9th.

Presentations: Students will present their assigned article to the class, using slides. Each presentation will be allocated 15-20 minutes; students should expect to speak for approximately 5-10 minutes, and respond to questions/commentary for the remaining time. The professors will respond to the material while it is being presented, and will provide short, *ad hoc* commentary and lectures at appropriate moments in between student presentations. Students are encouraged to engage with each other and ask questions during the presentations, as they would in an academic seminar. Because of the interactive nature of the presentations, it will be important to balance preparation with flexibility; presentations should convey key points up-front, and allow for a bit of back-and-forth with the audience. Students will submit their presentation (in PDF format) on Chalk 24 hours before the class.

Because the presentation schedule is organized thematically, with related papers grouped on the same day, there can be a no rescheduling of presentations except in a medical emergency (with a doctor's verification).

Written Summary: A written summary of the student's assigned article is due one week from the presentation of the article (so as to incorporate comments from class if necessary). The summaries should be 500-1000 words, typed, double spaced, 12pt font. The summaries should emphasize the thesis and supporting points of the article.

② To access the resources from off campus, please refer to [IT Services' guidance](#).

Office Hours

Professor Bleakley will hold office hours; the details will be announced later. The TAs are generally available after class and also by appointment.

Course Registration: A Note for Undergraduate Students

Demand for places in this course typically exceeds the number of places available. A *strict* maximum of 65 students will apply to the class. Do not assume that, by sitting in class and completing assignments, you will be allowed to register for the class later in the quarter.

Booth School Honor Code

Students in this class (including undergraduates and graduates from other schools/divisions) are required to adhere to the standards of conduct in the Booth School Honor Code and the Booth School Standards of Scholarship. Students will be required to sign the following Booth School Honor Code pledge: “*I pledge my honor that I have not violated the Honor Code during this examination.*” on every examination.

I. INTRODUCTION TO THE ISSUES (Oct. 2, 4)

Lectures by Prof. Fogel

- (a) Patterns of population change.
- (b) The influences of population change on the stability of the economy.
- (c) Industries sensitive to population change: problems and opportunities.

Basic Reading

Roderick Floud et al., *The Changing Body*, Ch 1.

Robert W. Fogel, “[Capitalism and Democracy in 2040: Forecasts and Speculations](#),” NBER Working Paper No. 13184, June 2007

U.S. Department of Commerce, Census Bureau, [Global Population at a Glance: 2002 and Beyond](#), (Washington, DC: U.S. Government Printing Office, 2004), pp. 1-4.

U.S. Department of Commerce, Census Bureau, [Global Population Profile: 2002](#), (Washington, DC: U.S. Government Printing Office, 2004), pp. 9-30.

- World Health Organization, "[WHO on Health and Economic Productivity](#)," Population and Development Review 25, no. 2 (June 1999), pp. 396-401.
- Frank Levy and Richard C. Michel, "Policies for the Next Generation," in Frank Levy and Richard C. Michel, The Economic Future of American Families: Income and Wealth Trends (Washington, DC: The Urban Institute Press, 1991), pp. 107-117. (IN COURSEPACKET)
- Angus Deaton, "[The Great Escape: A Review Essay on Fogel's *The Escape from Hunger and Premature Death, 1700-2100*](#)," Journal of Economic Literature (March 2006), pp. 1-19.
- Kurt Schrammel, "[Comparing the labor market success of young adults from two generations](#)," Monthly Labor Review (February 1998), pp. 3-9.
- Larry L. Bumpass, "[What's Happening to the Family? Interactions Between Demographic and Institutional Change](#)," Demography 27, no. 4 (November 1990), pp. 483-498.
- "[Fertile Ground. As West Mulls Ethics, China Forges Ahead In Stem-Cell Research](#)", The Wall Street Journal, March 6, 2002.

Supplementary Reading

- Richard Easterlin, "Population," in Neil W. Chamberlain, ed., Contemporary Economic Issues (Homewood, IL: Richard D. Irwin, Inc., 1969), pp. 241-272.
- Courtney Slater, "Pieces of the Puzzle," American Demographics 2 (February 1980), pp. 24-27.
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II. HISTORY AND DETERMINANTS OF POPULATION CHANGE (Oct. 9, 11, 16, 18)

Student presentations; discussion and *ad hoc* lectures by the professors

- (a) The course of population change before the Industrial Revolution.
- (b) The demographic transition.
- (c) Population trends since World War II.
- (d) Socioeconomic determinants of fertility, mortality, and migration.

- (e) Malthus, surplus labor, and the quantity/quality tradeoff.

Basic Reading

Roderick Floud et al., *The Changing Body*, Ch 2-4.

Massimo Livi-Bacci, *A Concise History of World Population*, 2nd edition (Oxford, UK: Blackwell Publishers, 1997), Chapter 1: The Space and Strategy of Demographic Growth; (IN COURSEPACKET)

James C. Riley, *Rising Life Expectancy: A Global History*, (New York :Cambridge University Press, 2001), Introduction: A Global Revolution in Life Expectancy, pp. 1-31. (IN COURSEPACKET)

Richard Easterlin, "Twentieth-Century American Population Growth," in Stanley Engerman and Robert Gallman, eds., *The Cambridge Economic History of the United States*, Vol. III (New York: Cambridge University Press, 2000), pp. 505-548. (IN COURSEPACKET)

David S. Landes, *The Wealth and Poverty of Nations: Why Some Are So Rich and Some So Poor*, (New York: W.W. Norton, 1998), ch.29: How Did We Get Here? Where Are We Going?. (IN COURSEPACKET)

Robert J. Willis, "[What Have We Learned from the Economics of the Family?](#)" *American Economic Review* 77, no. 2 (May 1987), pp. 68-81.

Material for student presentations

October 9:

Joel Mokyr, "[Technological Progress and the Decline of European Mortality](#)," *American Economic Review* 83, No. 2 (May, 1993), pp. 324-330.

Robert W. Fogel and Dora L. Costa, "[A Theory of Technophysio Evolution, With Some Implications for Forecasting Population, Health Care Costs, and Pension Costs](#)," *Demography* 34, No.1 (February, 1997), pp. 49-66.

Jim Oeppen and James Vaupel, "[Broken Limits to Life Expectancy](#)," *Science* 296, no. 5570 (May 10, 2002), pp. 1029-1031. AND S. Jay Olshansky et al., "[A Potential Decline in Life Expectancy in the United States in the 21st Century](#)," *N Engl J Med* 2005; 352:1138-1145.

Jesse H. Ausubel, "[Can Technology Spare the Earth?](#)" *American Scientist* 84, no. 2 (March/April 1996), pp. 166-178.

October 11:

David R. Weir, "Malthus's Theory of Population," in The World of Economics (New York: Macmillan Press, 1991), pp. 401-406. (IN COURSEPACKET) AND David Weil and J. Wilde 2009. "[How relevant is Malthus for economic development today?](#)" Am. Econ. Rev. 99(2):255–60

Michael Kremer, "[Population Growth and Technological Change: One Million B.C. to 1990,](#)" The Quarterly Journal of Economics (1993) 108(3): 681-716.

Julian Simon and Karl Zinsmeister, "How Population Growth Affects Human Progress," in Michael Cromartie, ed, The Nine Lives of Population Control (Washington, D.C.: Ethics and Public Policy Center, 1995), pp. 61-79. (IN COURSEPACKET)

Sudhir Anand and Jonathan Morduch, "Poverty and the 'Population Problem' ", in Massimo Livi-Bacci and Gustavo de Santis, eds, Population and Poverty in the Developing World (Oxford, UK: Oxford University Press, 1998). (IN COURSEPACKET)

October 16:

Lester R. Brown, Who Will Feed China? Wake-Up Call For a Small Planet (New York: W.W. Norton, 1995), ch.1. (IN COURSEPACKET) AND Justin Y. Lin, How Did China Feed Itself In the Past? How Will China Feed Itself in the Future? Second Distinguished Economist Lecture (Mexico, D.F.: CIMMYT, 1998) (IN COURSEPACKET)

Boserup, Esther, Population and Technological Change (Chicago: University of Chicago Press, 1981), ch. 8-10. (IN COURSEPACKET)

Julian Simon, The Ultimate Resource 2 (Princeton, NJ: Princeton University Press 1996), ch. 1-2. (IN COURSEPACKET)

Gary S. Becker, "Fertility and the Economy," Journal of Population Economics 5, no.3 (1992), pp. 185-201. (IN COURSEPACKET)

October 18:

Ansley J. Coale, "The Demographic Transition," in The Population Debate: Dimensions and Perspectives. Papers of the World Population Conference: Bucharest, 1974, Vol. 1 (New York: United Nations, 1975), pp. 347-355. (IN COURSEPACKET) AND Clark, Gregory, and Neil Cummins. 2009. "[Urbanization, Mortality, and Fertility in Malthusian England.](#)" American Economic Review, 99(2): 242–47.

T.W. Schultz, Transforming Traditional Agriculture, Stud. Comp. Econ. 3. New Haven, CT: Yale Univ. Press (1964), Chapter 4 pp. 53-70. (PUT IN COURSEPACKET)

Mark Rosenzweig and Ken Wolpin, "[Testing the quantity-quality fertility model: the use of twins as a natural experiment](#)," *Econometrica* (1980) 48(1):227–40.

Hoyt Bleakley and Fabian Lange, "[Chronic disease burden and the interaction of education, fertility and growth](#)," *Rev. Econ. Stat.* (2009) 91(1):52–65.

Supplementary Reading

The Determinants and Consequences of Population Change, (New York: United Nations, 1973), ch. 2.

Massimo Livi-Bacci, A Concise History of World Population, (Malden, MA: Blackwell Publishers, second edition, 1997), rest of the book.

Evelyn M. Kitagawa, "Socioeconomic Differences in Mortality in the United States and Some Implications for Population Policy," in Commission on Population and the American Future, Research Reports, Vol. 1, Demographic and Social Aspects of Population Growth, Charles R. Westoff and Robert Parke, Jr., eds.

Samuel H. Preston, Patrick Hauveline, and Michael Guillot, Demography: Measuring and Modeling Population Processes, (Malden, MA: Blackwell Publishers, 2001).

George W. Barclay, Techniques of Population Analysis (New York: John Wiley & Sons 1958), pp. 16-55 (Chapter 2: Rates and Ratios), 93-122 (Chapter 4: The Life Table).

Randell J. Olsen, "Fertility and the Size of the U.S. Labor Force," *Journal of Economic Literature*, vol. 32 (March 1994), pp. 60-100.

Richard A. Easterlin, "[What Will 1984 be Like? Socioeconomic Implications of Recent Twists in Age Structure](#)," *Demography* 15, no. 4 (November 1978), pp. 397-432.

E.A. Wrigley and R.S. Schofield, The Population History of England, 1541-1871: A Reconstruction (Cambridge, MA: Harvard University Press 1981), Ch. 10(The Economic Setting of Long-Term Trends in English Fertility and Mortality) and Ch.11(Conclusion: A Dynamic Model of the Relationship Between Population and Environment in Early Modern England).

The Determinants and Consequences of Population Change, ch. 3 and 14.

Gary Becker, A Treatise on the Family (Cambridge, MA: Harvard University Press, Revised ed. 1991).

T. Paul Schultz, Economics of Population (Reading, MA: Addison-Wesley Pub. Co.,

1981), ch. 5 and 6.

Richard Easterlin, Birth and Fortune: The Impact of Numbers on Personal Welfare (Chicago: University of Chicago Press, 2nd ed., 1987).

Ken Bryson and Lynne M. Casper, "Coresident Grandparents and Grandchildren", Census Bureau, Current Population Reports, Special Studies, May 1999, pp. 1-10.

III. CORRELATES AND CONSEQUENCES OF POPULATION CHANGE (Oct. 23, 25, 30)

Student presentations; discussion and *ad hoc* lectures by the professors

- (a) The dynamics of changes in age and household structure.
- (b) Effects on labor and capital supply.
- (c) Cultural changes in child rearing.
- (d) The economics of an aging population: fiscal policy, health care
- (e) Changes in the structure of demand.
- (f) Measuring secular changes in living standards and the impact of new goods

Basic Reading

Roderick Floud et al., The Changing Body, Ch 5, 6.

David M. Cutler, Mark McClellan, Joseph P. Newhouse, "What has increased Medical-Care Spending Bought?," American Economic Review 88, no. 2 (May 1998), pp. 132-136

Roger A. Wojtkiewicz, Sara S. McLanahan, and Irwin Garfinkel, "The Growth of Families Headed by Women: 1950-1980," Demography 27, no. 1 (February 1990), pp. 19-30.

Amartya Sen, "Population: Delusion and Reality," The New York Review of Books XLI, no. 15 (September 22, 1994), pp.62-71.

Donald J. Johnston, "A New 'Mind Set' for Social Policy," OECD Observer No. 205 (April/May

1997), pp. 4-5.

D. Gale Johnson, "[The Growth of Demand Will Limit Output Growth for Food Over the Next Quarter Century](#)," Proceedings of the National Academy of Sciences USA 96 (May 1999), pp. 5915-5920.

Burton Singer and Kenneth Manton, "[The Effects of Health Changes on Projections of Health Service Industry Needs for the Elderly Population of the U.S.](#)," Proceedings of the National Academy of Sciences 95 (December 1998), pp. 15618-15622.

James W. Vaupel, "[Demographic Analysis of Aging and Longevity](#)," American Economic Review 88, no. 2 (May 1998), pp. 242-247.

Peter Temin (1966), "[Labor Scarcity and the Problem of American Industrial Efficiency in the 1850s](#)," Journal of Economic History, 26, pp. 277-298.

Material for student presentations

October 23:

Angus Maddison, "[A Long-Run Perspective on Saving](#)," Scandinavian Journal of Economics 94, no. 2 (1992), pp. 181-196.

Diane J. Macunovich and Richard A. Easterlin, "[How Parents Have Coped: The Effect of Life Cycle Demographic Decisions on the Economic Status of Pre-School Age Children, 1964-87](#)," Population and Development Review 16, no. 2 (June 1990), pp. 301-325.

David E. Bloom, David Canning, Bryan Graham. 2003. [Longevity and life-cycle savings](#). Scand. J. Econ. 105(3):319–38.

Richard Easterlin, Growth Triumphant: The 21st Century in Historical Perspective (Ann Arbor, University of Michigan Press, 1996), pp. 112-127. (IN COURSEPACKET)

Claudia Goldin, Understanding the Gender Gap: An Economic History of American Women (New York: Oxford Univ. Press 1990), Ch. 4(The Emergence of “Wage Discrimination”). (IN COURSEPACKET)

October 25:

David M. Cutler, Mark McClellan, Joseph P. Newhouse, and Dahlia Remler, "[Are Medical Prices Declining? Evidence from Heart Attack Treatments](#)," The Quarterly Journal of Economics 113, no. 4 (November 1998), pp. 991-1024.

Jonathan Hersh and Joachim Voth, "[Sweet diversity: Colonial goods and the rise of European living standards after 1492](#)," Economics Working Papers 1163, Department of Economics and Business, Universitat Pompeu Fabra, revised Jan 2011.

Trevon Logan, "[The Transformation of Hunger: The Demand for Calories Past and Present](#)" The Journal of Economic History, 2009, 69 (2): 388-408.

Dora Costa, "[Estimating Real Income in the United States from 1888 to 1994: Correcting CPI Bias Using Engel Curves](#)." The Journal of Political Economy, 2001, Vol. 109, No. 6, pp. 1288-1310.

October 30:

Ronald Lee and Jonathan Skinner, "[Will Aging Baby Boomers Bust the Federal Budget?](#)," Journal of Economic Perspectives 13, no. 1 (Winter 1999), pp. 117-140. AND Wolfgang Lutz, Brian C. O'Neill, and Sergei Scherbov, "[Europe's Population at a Turning Point](#)", Science 299, no. 5615 (March 28, 2003) pp. 1991-1992.

Robert W. Fogel, "[Changes in the Process of Aging during the Twentieth Century: Findings and Procedures of the Early Indicators Project](#)," mimeo, (Chicago: Center for Population Economics, University of Chicago, 2003).

Richard Freeman, "[The Effect of Demographic Factors on Age-Earning Profiles](#)," The Journal of Human Resources, 14 (1979), pp. 289-318.

N. Gregory Mankiw and David N. Weil, "[The Baby Boom, the Baby Bust and the Housing Market](#)," Regional Science and Urban Economics 19, pp.235-258.

Melissa Campanelli, "The Senior Market: Rewriting the Demographics and Definitions," Sales & Marketing Management 143, no. 2 (February 1991), pp. 63-69. (IN COURSEPACKET) AND Melissa Campanelli, "The African-American Market: Community, Growth, and Change," Sales & Marketing Management 143, no. 5 (May 1991), pp. 75-81. (IN COURSEPACKET)

Supplementary Reading

The Determinants and Consequences of Population Change, ch. 8 and 13.

Mark Pearson and Peter Scherer, "[Balancing Security and Sustainability in Social Policy](#)," OECD Observer No. 205 (April/May, 1997), pp. 6-9.

Lans Bovenberg and Anja van der Linden, "[Pension Policies and the Aging Society](#)," OECD Observer No. 205 (April/May 1997), pp. 10-14.

Louise do Rosario and Gordon Fairclough, "Toilers of the East," Far Eastern Economic Review

(April 2, 1992), pp. 20-27.

James D. Carroll, "The Public Administration of Investment: Grappling with the Blind Men and the Elephant," Public Administration Review 52, no. 3 (May/June, 1992), pp. 223-239.

Frances Cairncross, "The Environment: Whose World is it Anyway?," The Economist 323, no. 7761 (May 30, 1992), pp. 5-24.

Allen C. Kelley, "Economic Consequences of Population Change in the Third World," Journal of Economic Literature 26 (December 1988), pp. 1685-1728.

T. Paul Schultz, Economics of Population, ch. 7.

Richard Easterlin, Birth and Fortune: The Impact of Numbers on Personal Welfare (Chicago: University of Chicago Press, 2nd ed., 1987).

Richard Easterlin, Growth Triumphant: The 21st Century in Historical Perspective (Ann Arbor: University of Michigan Press, 1996).

Julian Simon, The Ultimate Resource 2 (Princeton, NJ: Princeton University Press 1996), ch. 25, 26, 27 and 33.

Simon Kuznets, "Population and Economic Growth," Proceedings of the American Philosophical Society, 3 (June 1967), pp. 170-193.

Ronald D. Michman, "The Double Income Family: A New Market Target," Business Horizons, 23 (August 1980), pp. 31-37.

Valerie Oppenheimer, "Structural Sources of Economic Pressure for Wives to Work: An Analytical Framework," Journal of Family History, (Summer 1979), pp. 177-197.

Michael Wachter and Susan Wachter, "The Fiscal Policy Dilemma: Cyclical Swings Dominated by Supply-Side Constraints," in Espenshade and Serow, eds., The Economic Consequences of Slowing Population Growth, pp. 71-99.

MIDTERM EXAM (Nov. 6)

**IV. HEALTH, NUTRITION, ENDOWMENTS, AND HUMAN CAPITAL
(Nov. 1, 8, 13, 15)**

Lecture by Prof. Bleakley; Student presentations and discussion by the professors

- (a) How much do health and the early-life environment affect the return to human capital?
- (b) Review of microeconomic studies
- (c) What is the role of education?
- (d) What are the aggregate implications of micro estimates?
- (e) Scope of policy in affecting the early-life environment
- (f) Life expectancy and education
- (g) Human capital and inequality

Basic Reading

Hoyt Bleakley, "[Health, Human Capital, and Development](#)." *Annual Review of Economics*, 2010, 2:283–310.

Material for student presentations

November 8:

Almond, D, Mazumder B. 2011. [Health Capital and the Prenatal Environment: The Effect of Ramadan Observance during Pregnancy](#). *American Economic Journal: Applied Economics*, 3(4): 56–85.

Barreca A. 2010. [The long-term economic impact of in utero and postnatal exposure to malaria](#). *Journal of Human Resources*, 45(4): 865-92.

Behrman JR, Rosenzweig MR. 2004. [Returns to birth weight](#). *Rev. Econ. Stat.* 86(2):586–601

Bleakley H. 2007a. [Disease and development: evidence from hookworm eradication in the American South](#). *Q. J. Econ.* 122(1):73–117.

Bobonis GJ, Miguel E, Sharma CP. 2006. [Anemia and school participation](#). *J. Hum. Resour.* 41(4):692–721.

November 13:

Cunha F, Heckman JJ. 2008. [Formulating, identifying and estimating the technology of cognitive](#)

[and noncognitive skill formation](#). *J. Hum. Resour.* 43(4):738–82

Shoda Y, Mischel W, Peake PK. 1990. [Predicting adolescent cognitive and social competence from preschool delay of gratification: identifying diagnostic conditions](#). *Dev. Psychol.* 26:978–86.

Sally Grantham-McGregor et al., “[The Long-Term Follow-Up of Severely Malnourished Children Who Participated in an Intervention Program](#),” *Child Development*, Vol. 65, No. 2, Apr., 1994, pp.428-439.

Iqbal Dhaliwal, Esther Duflo, Rachel Glennerster, Caitlin Tulloch, “[Comparative Cost-Effectiveness Analysis to Inform Policy in Developing Countries: A General Framework with Applications for Education](#),” Working paper, Abdul Latif Jameel Poverty Action Lab (J-PAL), MIT August 10, 2011.

November 15:

Sebnem Kalemli-Ozcan, Harl E. Ryder, David N. Weil, 2000. [Mortality decline, human capital investment, and economic growth](#).” *J. Dev. Econ.* 62(1):1–23.

Peter Lorentzen, John McMillan, and Romain Wacziarg, 2008. “[Death and development](#),” *Journal of Economic Growth*, Springer, vol. 13(2), pages 81-124, June.

Moshe Hazan, 2009. [Longevity and lifetime labor supply: evidence and implications](#). *Econometrica*77:1829–63.

Goldin, Claudia and Lawrence Katz, “[The Returns to Skill in the United States across the Twentieth Century](#),” NBER Working Paper no. 7126 (May 1999).

Simon Kuznets (1955), “[Economic Growth and Income Inequality](#),” (Presidential Address), *American Economic Review*. Vol. 45: 1-28.

Supplementary Reading

Ashraf QH, Lester A, Weil DN. 2009. When does improving health raise GDP? In *NBER Macroeconomics Annual*, ed. D Acemoglu, K Rogoff, M Woodford, pp. 157–204. Chicago: Univ. Chicago Press

Barlow Robin. 1967. The economic effects of malaria eradication. *Am. Econ. Rev.* 57(2):130–48

Behrman Jere R. 2009. Early life nutrition and subsequent education, health, wage, and intergenerational effects. In *Health and Growth*, ed. M Spence, M Lewis, pp. 167–83. Washington, DC: Comm. Growth Dev./World Bank

Stein Z, Susser M, Saenger G, Marolla F. 1975. Famine and Human Development: The Dutch Hunger Winter of 1944–1945. London: Oxford Univ. Press

Weisbrod BA, Andreano RL, Baldwin RE, Epstein EH, Kelley AC. 1973. Disease and Economic Development: The Impact of Parasitic Diseases in Saint Lucia. Madison: Univ. Wisconsin Press

Hoyt Bleakley, Malaria Eradication in the Americas: A Retrospective Analysis of Childhood Exposure. *American Economic Journal: Applied*, April 2010, 2(2):1-45.

V. MIGRATION (Nov. 20, 27)

Student presentations; discussion and *ad hoc* lectures by the professors

- (a) Determinants of migration
- (b) Selection of migrants
- (c) Migration and integration
- (d) Rate and determinants of assimilation

Basic Reading

n/a

Material for student presentations

November 20:

Alan Taylor, Kevin O'Rourke, and Jeffrey G. Williamson, "Factor Price Convergence in the Late Nineteenth Century," *International Economic Review* (August 1996), pp. 499-530.

Gordon Hanson and Craig McIntosh, "The Great Mexican Emigration," *Review of Economics and Statistics*, November 92(4), 2010: 798-810.

Gordon Hanson and Jeffrey Grogger, "Income Maximization and the Selection and Sorting of International Migrants," *Journal of Development Economics*, 95(1), 2011: 42-57,

Ran Abramitsky, Leah Boustan, and Katherine Eriksson , "[Europe’s Tired, Poor, Huddled Masses: Self-Selection and Economic Outcomes in the Age of Mass Migration](#)," [American Economic Review](#), forthcoming.

Joshua Rosenbloom (1990), "[One Labor Market or Many? Labor Market Integration in the Late Nineteenth Century United States](#)," [Journal of Economic History](#), 50, pp. 85-107.

November 27:

Katharine M. Donato, Jorge Durand, and Douglas S. Massey, "[Stemming the Tide? Assessing the Deterrent Effects of the Immigration Reform and Control Act](#)," [Demography](#) 29, no. 2 (May 1992), pp. 139-157.

Wayne A. Cornelius, "[Impacts of the 1986 US Immigration Law on Emigration from Rural Mexican Sending Communities](#)," [Population and Development Review](#) 15, no. 4 (December 1989), pp. 689-705.

James P. Smith, "[Immigrants and Their Schooling](#)", Chapter 4 In: E. Hanushek and F. Welch, Editor(s), [Handbook of the Economics of Education](#), Elsevier, 2006, Volume 1, Pages 155-187.

Hoyt Bleakley and Aimee Chin, "[Language Skills and Earnings: Evidence from Childhood Immigrants](#)." [Review of Economics and Statistics](#), May 2004, 86(2):481-496. AND ----, "[Age at Arrival, English Proficiency, and Social Assimilation Among U.S. Immigrants](#)," [American Economic Journal: Applied](#), January 2010, 2(1):165–192

Redstone-Akresh, Ilana. 2008. "[Overweight and Obesity among Foreign-Born and U.S.-Born Hispanics](#)." [Biodemography and Social Biology](#) 54(2): 183-199.

Supplementary Reading

n/a

VI. URBANIZATION AND TRANSPORTATION (Nov. 29, Dec. 4)

Student presentations; discussion and *ad hoc* lectures by the professors

(a) Origin of cities; health and urban growth

- (b) The transport revolution
- (c) Today's patterns of urbanization: natural advantages versus agglomeration?

Basic Reading

n/a

Material for student presentations

November 29:

Jane Jacobs, The Economy of Cities, Random House: New York. 1969, ch 4. (IN COURSEPACKET)

Louis Cain and Sok Chul Hong, "[Survival in 19th Century Cities: The Larger the City, the Smaller Your Chances](#)," Explorations in Economic History 46(4): 450-463. 2009.

Louis Cain and Elyce Rotella, "[Death and spending: urban mortality and municipal expenditure on sanitation](#)," Annales de démographie historique 1/2001 (no. 101), p. 139-154.

Cutler, David and Grant Miller (2005). "[The Role of Public Health Improvements in Health Advances: The 20th Century United States](#)," Demography 42(1): 1-22.

December 4:

Robert Fogel (1962), "[A Quantitative Approach to the Study of Railroads in American Economic Growth](#)," Journal of Economic History 22, p.163-197.

Rappaport, Jordan, and Jeffrey D. Sachs, "[The United States as a Coastal Nation](#)," Journal of Economic Growth, 8 (2003), 5–46.

Glaeser, Edward L., and Albert Saiz, "[The Rise of the Skilled City](#)," Brookings-Wharton Papers on Urban Affairs, 5(2004), 47–94.

Davis, Donald, and David Weinstein, "[Bones, Bombs, and Break Points: The Geography of Economic Activity](#)," American Economic Review, 92 (2002),1269–1289.

Hoyt Bleakley and Jeffery Lin, "[Portage and Path Dependence](#)," Quarterly Journal of Economics, May 2012, 127:587-644.

Supplementary Reading

Redfearn, Christian L., “Persistence in Urban Form: The Long-Run Durability of Employment Centers in Metropolitan Areas,” *Regional Science and Urban Economics*, 39 (2008), 224–232.

Redding, Steven J., Daniel M. Sturm, and Nikolaus Wolf, “History and Industry Location: Evidence from German Airports,” *Review of Economics and Statistics*, 93 (2011), 814–831.

Semple, Ellen Churchill, [American History and Its Geographic Conditions](#) (Boston: Houghton, Mifflin, 1903).

VII. POPULATION AND BUSINESS FORECASTING (Dec. 6)

Student presentations; discussion and *ad hoc* lectures by the professors

- (a) The techniques of forecasting.
- (b) The reliability of forecasting.
- (c) Forecasting the global economy in 2040.

Basic Reading

Roderick Floud et al., *The Changing Body*, Ch 7

“[Population Projections of the United States by Age, Sex, Race, and Hispanic Origin: 1995 to 2050](#)”, *Current Population Reports*, Ser. P-25, No. 1130, U.S. Dept. of Commerce , Bureau of the Census, February 1996, pp. iii-vi, 1-32.

Allan C. Kelley, “Population, Economic Development, and Poverty”, *International Encyclopedia of the Social and Behavioral Sciences*, pp. 1-21., 2001. (IN COURSEPACKET)

Material for student presentations

December 6:

Norman B. Ryder, "[What Is Going to Happen to American Fertility?](#)" *Population and Development Review* 16, no. 3 (September 1990), pp. 433-454.

Dennis A. Ahlburg and James W. Vaupel, "[Alternative Projections of the U.S. Population](#)," *Demography* 27 (November 1990), pp. 639-652.

Robert W. Fogel, *The Escape from Hunger and Premature Death, 1700-2100*," Chapter 4, pp. 66-95. (New York: Cambridge University Press, 2004). (IN COURSEPACKET)

Julian Simon, *The Ultimate Resource 2*, ch. 23-24. (IN COURSEPACKET)

Stanley K. Smith and Terry Sincich, "[An Empirical Analysis of the Effect of Length of Forecast Horizon on Population Forecast Errors](#)," *Demography* 28 (May 1991), pp. 261-274.

Supplementary Reading

The Determinants and Consequences of Population Change, ch. 15.

Frederick W. Hollmann, Tammany J. Mulder, and Jeffrey E. Kallan, "Methodology and Assumptions for the Population Projections of the United States: 1999 to 2100", Population Division, Working Paper No. 38, US Census Bureau, January 2000.