

**CHS 247 Population Change and Public Policy
Winter 2011**

Instructors:

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Class Time: TR 12:00 - 1:50 PM

During the past 50 to 100 years, the world population has changed dramatically. This course focuses on the reasons behind these changes and their consequences for the future health and well-being of the human population. The major focus is primarily Latin America, Asia, and Africa, but the situation in the United States and other industrialized countries will also be covered.

Syllabus: The syllabus is available from the website at: www.ph.ucla.edu/class/chs/chs247 Click on [Print Syllabus \(PDF\)](#) on the left side. No password required.

Readings: The readings are available from the website at: www.ph.ucla.edu/class/chs/chs247 For current students only –pw protected. Click on "Syllabus and Class Slides" and the readings are listed under each class. Handouts and optional readings will also be posted on the website. Let instructors and Rachel Veerman (rveerman@ucla.edu) know immediately about any problems accessing web-based or other readings or video.

Main Class Website: The readings are on the class website at www.ph.ucla.edu/class/chs/chs247.

Moodle Website: There is also a CHS 247 Moodle website at <https://ccle.ucla.edu/course/view/11W-COMHLT247-1> that will be used in this class for communication among students and between instructors and students. Please bookmark both the class website and the moodle website.

Course requirements and grading:

1. Completing required readings and class participation (30 percent of grade)
2. Demographic problem set (20 percent of grade) **Due (2/3)**
3. Synopsis of Term Paper (10 percent of grade) Two to three page synopsis of central question and approach of term paper. Must be **posted to Moodle** website by **Due (2/17)**
4. Final Term Paper (40 percent of grade):
 - a. 15 to 20 page paper (must be typed) on topic instructor and student agree on. **Due via e-mail to instructors by 11 PM on the last day of class (3/10).**
 - b. 1-page description of findings of the paper **must be posted** to CHS 247 Moodle website: **Due by 3/10.**

Learning Objectives and Core Competencies

Upon completion of this course, students should be able to:

1. Discuss the policy making process in the United States and other countries and how to influence this process
2. Understand the demographic history and current status of the human population
3. Describe multiple rationales for formulation of population policies by governments throughout the world
4. Outline the relationship of economic development, environmental change, reproductive rights and population growth
5. Use demographic methods and techniques to measure demographic growth and change
6. Use demographic projections and understand population project techniques
7. Discuss social, economic, political, and cultural determinants of fertility levels
8. Describe pronatalist governmental policies designed to increase fertility rates and population growth
9. Describe antinatalist governmental policies designed to decrease fertility rates and population growth
10. Discuss political forces involved in formulating governmental policies
11. Understand the ethics and human rights aspects of population policies
12. Discuss social, economic, and political determinants of refugee movements
13. Outline the demographic consequences of disasters and wars
14. Provide an overview of the potential consequences of climate change for the human population
15. Discuss the social, economic, and political determinants of migration
16. Describe immigration policies and their effectiveness
17. Understand the causes and consequences of urbanization
18. Review the political and policy interactions among countries over health issues on the international level

These learning objectives fulfill the following MPH Core Competencies established by the ASPH Education Committee:

ASPH MPH Core Competency	Learning Objectives Fulfilling this Competency
E. 2. Identify the causes of social and behavioral factors that affect health of individuals and populations.	1, 7, 11, 12, 14, 17
E. 3. Identify individual, organizational and community concerns, assets, resources and deficits for social and behavioral science interventions.	1,3, 7, 10,12,15
E. 4. Identify critical stakeholders for the planning, implementation and evaluation of public health programs, policies and interventions.	1, 3, 4, 8, 9, 10,18
E. 5. Describe steps and procedures for the planning, implementation and evaluation of public health programs, policies and interventions.	1,3, 8, 9, 10, 12, 16,17, 18
E. 6. Describe the role of social and community factors in both the onset and solution of public health problems.	1,3, 8, 9, 10, 12, 16,17, 18
E. 8. Apply evidence-based approaches in the development and evaluation of social and behavioral science interventions.	4, 5, 6, 13, 16
E. 9. Apply ethical principles to public health program planning, implementation and evaluation.	8, 9, 11, 13, 14, 16
E. 10. Specify multiple targets and levels of intervention for social and behavioral science programs and/or policies.	1, 3, 4, 7, 10, 12, 14, 15, 16, 17, 18
G. 9.Cite examples of situations where consideration of culture-specific needs resulted in a more effective modification or adaptation of a health intervention.	7, 8, 9
J. 1. Discuss sentinel events in the history and development of the public health profession and their relevance for practice in the field.	2, 3, 8, 9, 16, 17
J. 2. Apply basic principles of ethical analysis (e.g. the Public Health Code of Ethics, human rights framework, other moral theories) to issues of public health practice and policy.	8, 9, 11, 13, 14, 16
J. 8. Distinguish between population and individual ethical considerations in relation to the benefits, costs, and burdens of public health programs.	3, 4, 8,9,10, 11, 12, 13, 14, 15, 16, 17, 18
L. 9.Analyze the effects of political, social and economic policies on public health systems at the local, state, national and international levels.	2, 3, 4, 8,9, 10, 11, 12, 13, 14, 15, 16, 17, 18
L. 10. Analyze the impact of global trends and interdependencies on public health related problems and systems.	2, 3, 4, 8,9, 10, 11, 12, 13, 14, 15, 16, 17, 18

Syllabus

Class 1. (1/4) What is population and population policy? Population change: past, present, and future (Pebley)

No readings

Class 2. (1/6) What is policy and policy making? (Pebley)

- Chapters 1 and 2 from Deborah Stone (2002) *Policy Paradox* WW Norton.
- “How Governmental Policy is Made” *Best Practice Briefs* No. 35 (December 2005)

Class 3. (1/11) Why is population a policy issue? Population Growth and Economic Development (Pebley)

- Sinding, Steven W. (2000) “The Great Population Debates: How Relevant Are They for the 21st Century” *American Journal of Public Health*, Vol. 90, No. 12: 1841-1845.
- Center for Global Development and Population Reference Bureau (2009) *Population Dynamics and Economic Development: Filling the Research Gaps*, read chapters 1 and 2.
- Sachs, Jeffrey D. (2006) “Lower Fertility: A Wise Investment” *Scientific American.com*
- Eberstadt, Nicholas (2010) “The Demographic Future: What Population Growth – and Decline – Means for the Global Economy” *Foreign Affairs*, 89(6): 54-64.

Class 4. (1/13) Why is population a policy issue? Population and the Environment (Pebley)

- Cohen, Joel (1995) *How Many People Can the Earth Support?* New York: WW Norton, pp. 28-75.
- **WATCH:** View the webcast of the session on “**Population and Climate Change**” at <http://www.prb.org/Journalists/Webcasts/worldin2050/worldin2050-day1.aspx>
- **WATCH:** View the webcast of the presentation by **Richard Nehring** which is in the session on “**Traversing the Mountaintop: World Fossil Fuel Production to 2050**” at <http://www.prb.org/Journalists/Webcasts/worldin2050/worldin2050-day2.aspx>.
- Li Xing (2009) “Population Control Called Key to Deal” *China Daily*.
- Andrew Revkin “The Missing P Word” *New York Times*

Class 5. (1/18) Gender, Women’s Status, and Demographic Change (Gipson)

- Mason, KO (1995) “Gender and demographic change: What do we know?” *International Union for the Scientific Study of Population Report*. At <http://snap3.uas.mx/RECURSO1/unfpa/data/docs/unpf0034.pdf>
- Bongaarts, J (1982) “The Fertility-Inhibiting Effects of the Intermediate Fertility Variables” *Studies in Family Planning*, 13(6/7): 179-189. At <http://www.jstor.org/stable/1965445>
- Amin, S and Lloyd CB (2002) “Women’s lives and rapid fertility decline: Some lessons from Bangladesh and Egypt” *Population Research and Policy Review* 21: 275-317. At <http://www.jstor.org/pss/40230790>

Class 6 (1/20) Tools for population and public health policy, Part I (Pebley)

- In-class handouts
- McFall, Joseph A. (1998) *Population: A Lively Introduction*, Washington, DC: Population Reference Bureau, Bulletin No. 53.3. Chapters on: “Fertility”, “Mortality”, “Population Size and Growth”
- Johnson, Hans (2007) “Birth Rates in California” *PPIC California Counts*, 9(2).

Class 7. (1/25)) Tools for population and public health policy, Part II (Pebley)

- McFall, Joseph A. (1998). *Population: A Lively Introduction*. Washington, DC: Population Reference Bureau, Bulletin No. 53.3, Chapter on “Population Composition.”
- “Understanding and Using Population Projections” Measure Project Policy Brief.
- O'Neill, B.C. et al. (2001) “A Guide to Global Population Projections” *Demographic Research*, 4(8): 203-288 research.org Vol 14/8.

Class 8. (1/27) Big Countries and the Limits of Population Policy: India, China, and Romania (Pebley)

- Hvistendahl, Mara (2010) “Has China Outgrown the One-Child Policy?” *Science*, December 15. at: <http://www.sciencemag.org/content/329/5998/1458.full.pdf>
- Read the story and materials at: http://marketplace.publicradio.org/projects/project_display.php?proj_identifier=2010/06/21/china-one-child-policy
- Read “How China is Ruled” at http://news.bbc.co.uk/2/shared/spl/hi/in_depth/china_politics/government/html/5.stm
- Haub, C and OP Sharma (2006) *India's Population Reality: Reconciling Change and Tradition*. Population Reference Bureau. **Read “Sex Ratio at Birth” pages 6 to 7 and “Population Policies” pages 14 to 16**, plus any other sections you are interested in. At: http://www.prb.org/pdf06/61.3IndiasPopulationReality_Eng.pdf
- Stephenson, P, M Wagner, M Badea, and F Serbanescu (1992) “Commentary: The Public Health Consequences of Restricted Induced Abortion – Lessons from Romania” *American Journal of Public Health*, 82(10):1328. At: <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1695851/pdf/amjph00547-0018.pdf>
- Bradatan, Cristina and Glenn Firebaugh (2007) “History, Population Policies, and Fertility Decline in Eastern Europe: A Case Study” *Journal of Family History*, 32(2): 179-192. At: <http://jfh.sagepub.com/content/32/2/179.full.pdf+html>

Optional Reading:

- Gwatkin, Davidson (1979) “Political Will and Family Planning: The Implications of India's Emergency Experience” *Population and Development Review*, Vol. 5, No. 1. At: <http://www.jstor.org/stable/pdfplus/1972317.pdf?acceptTC=true>
- David, Henry and Adriana Baban (1996) “Women's Health and Reproductive Rights: Romanian Experience” *Patient Education and Counseling*, 28(3): 235-245.

Class 9. (2/1) Europe, Japan, and the US (Gipson)

- Boling, Patricia (2008) “Demography, Culture, and Policy: Understanding Japan's Low Fertility” *Population and Development Review*, 34(2): 307-326.
- Haub, C “Tracking Trend in Low Fertility Countries: An Uptick in Europe?” <http://www.prb.org/Articles/2008/tfrrtrendsept08.aspx>.
- “Population Implosion? Low Fertility and Policy Responses in the European Union” RAND Research Brief.
- Coleman D. (2006) “Immigration and Ethnic Change in Low-Fertility Countries: A Third Demographic Transition” *Population and Development Review*, 32(3): 401-429 ONLY . At <http://www.jstor.org/stable/20058898> 2010 Census Counts Nearly 309 Million Americans <http://www.prb.org/Articles/2010/2010-unitedstates-census.aspx>

****Divide in to groups and discuss class activity for 2/15****

Class 10. (2/3) High Fertility Countries: The Middle East and Africa (Pebley)

Group 1

- Mehryar, Amir, Shirin Ahmad-Nia, and Shahla Kazemipour (2007) "Reproductive health in Iran: Pragmatic Achievements, Unmet Needs and Ethical Challenges in a Theocratic System" *Studies in Family Planning*, 38(4):352-361. At: <http://onlinelibrary.wiley.com/doi/10.1111/j.1728-4465.2007.00146.x/pdf>
- Examine "Iran Government Power Structure" at http://en.wikipedia.org/wiki/File:Iran_gov_power_structure.svg and at: http://news.bbc.co.uk/2/shared/spl/hi/middle_east/03/iran_power/html/parliament.stm
- Roudi-Fahimi, Farzaneh, Lori Ashford, and Karima Khalil "Advancing Research to Inform Reproductive Health Policies: The Middle East and North Africa" PRB Policy Brief at <http://www.prb.org/pdf08/MENAresearch.pdf>.
- Roudi-Fahimi, Farzaneh and Ahmed Abdul Monem "Unintended Pregnancies in the Middle East and North Africa" PRB policy brief at <http://www.prb.org/pdf10/unintendedpregnancies.pdf>.

Group 2

- Gribble, James and Joan Haffey "Reproductive Health in Sub-Saharan Africa" PRB Policy Brief at: http://www.prb.org/pdf08/reproductivehealth_subsaharanafrica.pdf
- "Forced to Marry..." at www.nytimes.com/2005/11/27/international/africa/27malawi.html?pagewanted=all
- Clark, Shelly (2004) "Early Marriage and HIV Risks in Sub-Saharan Africa" *Studies in Family Planning*, 35(3): 149-160. At: <http://onlinelibrary.wiley.com/doi/10.1111/j.1728-4465.2004.00019.x/pdf>
- Church, Kathryn and Susannah Mayhew (2009) "Integration of STI and HIV Prevention, Care, and Treatment into Family Planning Services: A Review of the Literature" *Studies in Family Planning*, 40(3): 171-186. At: <http://onlinelibrary.wiley.com/doi/10.1111/j.1728-4465.2009.00201.x/pdf>

Optional:

- Debpuur, C et al. (2002) "The Impact of the Navrongo Project on Contraceptive Knowledge and Use, Reproductive Preferences, and Fertility" *Studies in Family Planning*, 33(2):141-164. At: <http://www.popcouncil.org/pdfs/councilarticles/sfp/SFP332Debpurr.pdf>

Class 11. (2/8) Latin America (Gipson)

- Brea, Jorge A. (2003) Population Dynamics in Latin America. (Access at Population Reference Bureau website: <http://prb.org/Source/58.1PopulDynamicsLatinAmer.pdf>)
- Palloni A, Pinto-Aguirre G, and Pelaez M (2002) "Demographic and health conditions of ageing in Latin America and the Caribbean", *International Journal of Epidemiology*, 31: 762-771. At <http://ije.oxfordjournals.org/content/31/4/762.full.pdf+html>
- Lomelí EV. (2008) "Conditional Cash Transfers as Social Policy in Latin America: An Assessment of their Contributions and Limitations", *Annual Review of Sociology* 34:475-99. At <http://www.annualreviews.org/doi/pdf/10.1146/annurev.soc.34.040507.134537>

OPTIONAL:

- Smith-Oka, V (2009) "Unintended Consequences: Exploring the Tensions between Development Programs and Indigenous Women in Mexico in the Context of Reproductive Health", *Social Science & Medicine*, 68(11): 2069-2077.
- Brambila, C et al. (2007) "Getting Results Used: Evidence from Reproductive Health Programmatic Research in Guatemala" *Health Policy and Planning* 1-12.
- Stecklov, et al. (2007) "Unintended effects of poverty programmes on childbearing in less developed countries: Experimental evidence from Latin America" *Population Studies* 61(2): 125-140. At http://pdfserve.informaworld.com/210365_918974314_779427691.pdf

- Stecklov, et al. (2005) "Do conditional cash transfers influence migration? A study using experimental data from the Mexican PROGRESA program" *Demography* 42(4): 769-790. At <http://muse.jhu.edu/journals/dem/summary/v042/42.4stecklov.html>

Class 12 (2/10) Ideology, Reproductive Rights, and Global Reproductive Health Policy (Gipson)

- Glasier, Anna, AM Gulmezoglu, GP Schmid, CG Moreno, and PFA Van Look (2006) "Sexual and Reproductive Health: A Matter of Life and Death" *The Lancet*, 368 (9547): 1595-1607.
- Cohen, S.A. (2003) "Bush Administration Isolates U.S. at International Meeting to Promote Cairo Agenda" The Guttmacher Report, Vol. 6, No. 1 (at <http://www.agi-usa.org/pubs/journals/gr060103.pdf>)
- Sachs, JD and JW McArthur (2005) "The Millennium Project: a plan for meeting the Millennium Development Goals" *The Lancet*, 365: January 22, 2005, 347-353.
- Crossette, B (2005) "Reproductive Health and the Millennium Development Goals: The Missing Link" *Studies in Family Planning*, 36(1): 71-79.

OPTIONAL:

- Bearinger, LH et al. (2007) "Global Perspectives on the Sexual and Reproductive Health of Adolescents: Patterns, Prevention, and Potential" *The Lancet*, 369: 1220-1231.
- Croxatto, H and S. Fernández "Emergency contraception – a human rights issue" *Best Practice & Research Clinical Obstetrics & Gynaecology*, Volume 20, Issue 3, Pages 311-322
- Grimes DA, et al. (2006) "Unsafe abortion: the preventable pandemic" *The Lancet*, November 6, pp. 1-6. At https://www.who.int/reproductivehealth/topics/unsafe_abortion/article_unsafe_abortion.pdf

Class 13 (2/15) Global Population Policy (Gipson)

Background reading:

McDonald, P. (2006) "An Assessment of Policies that Support Having Children from the Perspectives of Equity, Efficiency, and Efficacy" *Vienna Yearbook of Population Research*, pp. 213-234.

Class Activity:

Using the McDonald article as a reference, each of the 5 groups will collectively decide on a country case study to present in class on 2/15. Each group will lead a short presentation and discussion (15 minute presentation + 5 minute Q&A/discussion) citing relevant literature and media sources highlighting the following:

- What is the fertility rate and demographic composition of the country (e.g., age structure; ethnic composition; native versus foreign born, etc.)?
- Briefly discuss the country's policies that support having children, indicating the type of policy (e.g., tax-transfer, subsidization, etc) and who is affected or targeted by these policies.
- Briefly discuss the effectiveness of these policies and the political or social obstacles that have affected the implementation of these policies.

Class 14. (2/17) Refugee Movements (Gipson)

- Keely, Charles B. (1996) "How Nation-States Create and Respond to Refugee Flows." *International Migration Review*, 30(4):1045-1066.
- Office of the United Nations High Commissioner for Refugees "2010 UNHCR country operations profile - South Africa": <http://www.unhcr.org/cgi-bin/teaxis/vtx/page?page=49e485aa6>
- Landau LB. (2006) "Protection and dignity in Johannesburg: Shortcomings of South Africa's Urban Refugee Policy" *Journal of Refugee Studies* 19(3):308-327. At <http://jrs.oxfordjournals.org/content/19/3/308.full.pdf+html>
- Hargreaves JR, et al. (2004) "Childhood mortality among former Mozambican refugees and their hosts in rural South

Class 15. (2/22) Demography of Disasters, Emergencies and Wars (Pebley)

- Johnson, K et al. (2010) "Association of Sexual Violence and Human Rights Violations with Physical and Mental Health in Territories of the Eastern Democratic Republic of the Congo" *JAMA*, 304(5): 553-562. at: <http://jama.ama-assn.org/content/304/5/553.full.pdf+html>
- Checchi, Francesco and Les Roberts (2008) "Documenting Mortality in Crises: What Keeps Us from Doing Better" *PloS Medicine*, 5(7): e146. at: <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2443202/pdf/pmed.0050146.pdf>
- Peng, Xizhe (1987) "Demographic Consequences of the Great Leap Forward in China's Provinces" *Population and Development Review*.13(4). <http://www.jstor.org/stable/pdfplus/1973026.pdf?acceptTC=true>
- Bayard, Dominique (2010) "Haiti Earthquake Relief, Phase Two – Long Term Needs and Local Resources" *The New England Journal of Medicine*, May 20. at: <http://www.nejm.org/doi/pdf/10.1056/NEJMp1003839>

Optional:

- National Academy of Sciences (2007) Tools and Methods for Estimating Populations at Risk from Natural Disasters and Complex Humanitarian Crises. Read online (for free) chapters 3 and 5 at: http://www.nap.edu/catalog.php?record_id=11895 (link to read for free in on the second half of the page on the left side)
- Bourque, Linda, JM Siegel, M Kano, and MW Wood (2007) "Morbidity and Mortality Associated with Disasters" in *Handbook of Disaster Research*, pp. 97-112. at: <http://www.springerlink.com/content/t708374125m3u581/fulltext.pdf>

Class 16. (2/24) Consequences of Climate Change for the Human Population (Gipson)

- Read interview with Ding Yihui, Professor at the National Climate Center in Beijing, at PBS NOVA World in the Balance website: <http://www.pbs.org/wgbh/nova/worldbalance/voic-yihu.html>
- Haines, A, RS Kovats, D Campbell-Lendrum, and C Corvalan (2006) "Climate Change and Human Health: Impacts, Vulnerability and Public Health" *Public Health*, 120: 585-596.
- Raleigh, C and H Urdal (2007) "Climate change, environmental degradation and armed conflict" *Political Geography*, 26: 674-694

OPTIONAL:

- McMichael AJ, Woodruff RE, and Hales S (2006) "Climate change and human health: present and future risks" *The Lancet* 367: 859-69. At http://www.sciencedirect.com/science?_ob=MIimg&_imagekey=B6T1B-4J7B117-1-1&_cdi=4886&_user=4423&_pii=S0140673606680793&_origin=search&_coverDate=03/17/2006&_sk=996320486&view=c&wchp=dGLbVtb-zSkWA&md5=1cb1a7972a925ec95b4d53e5c7c992ea&ie=/sdarticle.pdf

Class 17. (3/1) The Roots of Migration (Pebley)

- Martin, Phillip and Elizabeth Midgley. (June 2003) "Immigration: Shaping and Reshaping America" *Population Bulletin*, 58(2).
- De Haas, Hein (2007) "Turning the Tide? Why Development Will Not Stop Migration" *Development and Change*, 38(5). At: <http://onlinelibrary.wiley.com/doi/10.1111/j.1467-7660.2007.00435.x/pdf>

Choose groups for class activity on 3/8

Class 18. (3/3) North American, Australian, European, and Japanese Immigration Policy (Pebley)

- Freeman, Gary P. and Bob Birrell (2001) "Divergent Paths of Immigration Politics in the United States and Australia"

Population and Development Review, 27(3): 525-551.

- Smick, Elisabeth (2006) "Canada's Immigration Policy" Read online at <http://www.cfr.org/publication/11047/>
- Kashiwazaki, C (2006) "Japanese Immigration Policy: Responding to Conflicting Pressures" Read online at <http://www.migrationinformation.org/Profiles/display.cfm?ID=487>
- Coleman D. (2006) "Immigration and Ethnic Change in Low-Fertility Countries: A Third Demographic Transition" *Population and Development Review*, 32(3): 429-446 ONLY
- Watch/Read: ** Australia probes asylum shipwreck ** Australia is to launch a criminal investigation into the Christmas Island shipwreck that killed at least 28 people, under people trafficking laws.
< <http://www.bbc.co.uk/go/em/fr/-/news/world-asia-pacific-12006085> >

Optional:

- Martin, P and G Zurcher (2008) "Managing Migration: The Global Challenge" *Population Bulletin*, 63(1).

Class 19. (3/8) Immigration Debate (Pebley)

Class Activity: Students will be divided into 4 - 5 groups. Each group will take a point of view on immigration to the US. Points of view will be assigned in class on 3/1. Each group will meet (in person or electronically) and develop "talking points" and elect a primary and secondary debater.

Class 20. (3/10) Urbanization (Gipson)

- Montgomery, MR (2008) "The Urban Transformation of the Developing World" *Science*
- Moore, J (2008) "The Political History of Nigeria's New Capital" *The Journal of Modern African Studies*.
- McGranahan, G, D Balk, and B Anderson (2007) "The Rising Tide: Assessing the Risks of Climate Change and Human Settlement in Low Elevation Coastal Zones" *Environment and Urbanization*, 19(1):17-37.

OPTIONAL:

- Beauchemin, C and B. Schoumaker (2005) "Migration to Cities in Burkina Faso: Does the Level of Development in Sending Areas Matter?" *World Development*.
- Hardoy, J., Pandiella, G. (2009) "Urban poverty and vulnerability to climate change in Latin America" *Environment and Urbanization*, 21 (1), pp. 203-224. At http://www.gpia.info/files/u496/_Poverty_and_Vulnerability_to_Climate_Change.pdf