

## **Sociology 2080: Principles of Population Spring 2009**

Class Time: Monday, 9:00am -12:00

Class Location: Maxcy Hall 108

Professor: Dr. Nancy Luke  
Office Hours: Tuesday 8:30 – 9:30 am and Thursday 4:00 – 5:00 pm  
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### **☞ Course Description**

This course is designed to introduce graduate students to the social scientific study of population processes. We will cover historical and contemporary trends in population growth and composition in both developed and developing countries and focus on the socio-economic determinants and consequences of these trends at both macro and micro levels. In our review of the materials, we will highlight core population processes—including mortality, fertility, and migration—and introduce emerging issues, including HIV/AIDS, lowest low fertility, and population aging. Throughout the course, we will explore the demographic connections to fundamental social and cultural processes, including family and gender roles, inequality, and religion.

My aim is to incorporate a range of theoretical and methodological perspectives on population processes, and materials are included from multiple disciplines, including demography, sociology, anthropology, economics, and public health. Several speakers from economics, anthropology, and sociology at Brown will also present their research throughout the seminar.

### **☞ Materials and Course Structure**

There is an enormous literature addressing issues of population; therefore, we cannot systematically cover all historical and current population trends and topics. Therefore, I have selected readings that I think are interesting, valuable as illustrations of key demographic studies, and will stimulate class discussion. We shall primarily review current articles in the field from the major journals of demography and the social and public health sciences with some particularly influential historical pieces.

Students are expected to read all assigned readings in depth in advance and be prepared to discuss them in class. Active participation in the seminar is a major component of the course. In preparation, I will provide a brief background to the readings the week before readings are to be discussed. Each student must also prepare a 1-page (single-spaced) response paper each week. The response papers should provide a critical review of the week's readings, including common or conflicting themes and findings; critique of an argument, methodology, interpretation; linkages to past readings; and other comments or

questions. The response papers should not merely summarize the week's readings. Each response paper must be emailed to the class (or posted on myCourses) by 6pm the Saturday before class.

Students will not be expected to be familiar with the techniques of demographic analysis or the details of demographic data manipulation. The readings and class discussion will emphasize substantive, theoretical and methodological issues without the expectation of formal demographic statistical expertise.

Students should start to become familiar with the several journals of demography. The leading journals in the field are *Demography*, *Population Studies*, and *Population and Development Review*. Other specific population journals include *International Migration Review*, *Population Research and Policy Review*, *Population* (in English and French), the *European Journal of Population*, and Population Reference Bureau *Population Bulletin*. Journals on the family (e.g., *Journal of Marriage and the Family*, *Journal of Family Issues*) and on family planning and reproductive health (*Studies in Family Planning*, *International Family Planning Perspectives*, *Perspectives on Sexual and Reproductive Health*) also have important articles on population-related themes.

### ☞ Assessment

In addition to response papers and class participation, there will be a final exam and paper. The final exam will be on Thursday, May 14, 2-5pm.

For the paper, each student will choose a topic of interest to him/her and locate at least 3 articles pertaining to current population research on the topic. The paper should critically review the current research and its theoretical and methodological perspectives and outline new areas for future work. The paper is not meant to be a term paper that merely reviews the current state of research but must be a critical assessment. A brief 1-page outline of the topic and proposed list of articles is due on Monday, March 30. Each student will give a 15-minute presentation of the paper's findings in class on Monday, April 27, and the paper is also due on April 27 in class.

Course grade:

Weekly response papers	25%
Paper	30%
Final exam	35%
Class participation	10%

### ☞ Course Outline and Reading Assignments

#### Week1: January 26

#### Introduction to the course and the field of demography

1. McFalls, Joseph A. Jr. 2007. "Population: A lively introduction." *Population Bulletin* 61(1). [www.prb.org](http://www.prb.org)
2. World Data Sheet. 2008. Population Reference Bureau. <http://www.prb.org/Publications/Datasheets.aspx>

## **Week 2: February 2**

### **The demographic transition and mortality decline**

1. Coale, Ansley, J. 1975. "The history of human population." *Scientific American*: 15-25.
2. Notestein, Frank W. 1945. "Population—The long view." Theodore W. Schultz (ed.). *Food for the World*. Chicago: University of Chicago Press, pp. 36-57.
3. Omran, Abdel R. 2005(1971). "The epidemiologic transition: A theory of the epidemiology of population change." *The Milbank Quarterly* 83(4):731-757.
4. Schofield, Roger and David Reher. 1991. "The decline of mortality in Europe." In R. Schofield, D. Reher, and A. Bideau (eds.). *The Decline of Mortality in Europe*. Oxford: Clarendon Press, pp. 1-17.
5. Preston, Samuel H. and Etienne van de Walle. 1978. "Urban French mortality in the 19<sup>th</sup> century." *Population Studies* 32(2):275-297.
6. Caldwell, John C. 1986. "Routes to low mortality in poor countries." *Population and Development Review* 12(2):171-220.
7. Soares, Rodrigo. 2007. "On the determinants of mortality reductions in the developing world." *Population and Development Review* 33(2): 247-88.

## **Week 3: February 9**

### **Mortality and morbidity in developed countries**

1. Vaupel, James W. 1997. "The remarkable improvements in survival at older ages." *Philosophical Transactions/B: Biological Sciences* 352(1363):1799-1804.
2. Wilmoth, J.R. 2000. "Demography of longevity: Past, present and future trends." *Experimental Gerontology* 35:1111-1129.
3. Centers for Disease Control. 1999. "CDC on infectious diseases in the United States: 1900-99." *Population and Development Review* 25(3):635-640.
4. Cai, Liming and James Lubitz. 2007. "Was there compression of disability for older Americans from 1992 to 2003?" *Demography* 44(3):479-495.
5. Rogers, Michelle L. and Dennis P. Hogan. 2003. "Family life with children with disabilities: The key role of rehabilitation." *Journal of Marriage and the Family* 65:818-833.
6. Charmaz, Kathy. 1983. "Loss of self: A fundamental form of suffering in the chronically ill." *Sociology of Health and Illness* 5(2):168-195.

### Differentials by social status

7. Link, Bruce G. and Jo Phelan. 1995. "Social conditions as fundamental causes of disease." *Journal of Health and Social Behavior*, Extra Issue: 80-94.
8. James Banks, Michael Marmot, Zoe Oldfield, and James P. Smith. 2006. "Disease and disadvantage in the United States and in England." *Journal of the American Medical Association* 295: 2037- 45.
9. Schoeni, Robert F., Linda G. Martin, Patricia M. Andreski, and Vicki A. Freedman. 2005. "Persistent and growing socioeconomic disparities in disability among the elderly: 1982-2002." *American Journal of Public Health* 95(11):2065-2070.

## **NO CLASS: February 16 (Long Weekend)**

## **Week 4: February 23**

### **Mortality and morbidity in less developed countries**

1. Garenne, Michel and Eneas Gakusi. 2006. "Health transitions in sub-Saharan Africa: Overview of mortality trends in children under 5 years old (1950-2000)." *Bulletin of the World Health Organization* 84(6):470-478.
2. Gwatkin, Davidson R., Michel Guillot, and Patrick Heuveline. 1999. "The Burden of disease among the global poor." *The Lancet* 354:586-589.
3. Popkin, Barry M. 2002. "An overview on the nutrition transition and its health implications: The Bellagio Meeting." *Public Health Nutrition* 5(1A):93-103.
4. Popkin, Barry M. 2002. "Part II. What is unique about the experience in lower- and middle-income less-industrialised countries compared with the very-high-income industrialized countries?" *Public Health Nutrition* 5(1A):205-214.

### HIV/AIDS and mortality consequences

5. Dorling, Danny, Mary Shaw, and George Davey Smith. 2006. "Global inequality of life expectancy due to AIDS." *British Medical Journal* 332:662-664.
6. Case, Anne, Christina Paxson, and Joseph Ableidinger. 2004. "Orphans in Africa: Parental death, poverty, and school enrollment." *Demography* 41(3):483-508.
7. Abebe, Tatek and Asbjorn Aase. 2007. "Children, AIDS and the politics of orphan care in Ethiopia: The extended family revisited." *Social Science and Medicine* 64(10):2058-2069.
8. Knodel, John, Zachary Zimmer, Kiry Sovan Kim, and Sina Puch. 2007. "The effect on elderly parents in Cambodia of losing an adult child to AIDS." *Population and Development Review* 33(3):479-500.

## **Week 5: March 2**

### **The proximate determinants of fertility and the fertility transition**

1. McFalls, Joseph A. Jr. 2007. "Population: A lively introduction." *Population Bulletin* 61(1). [www.prb.org](http://www.prb.org). Review pp. 4-6.
2. Stover, John. 1998. "Revising the proximate determinants of fertility framework: What have we learned in the past 20 years?" *Studies in Family Planning*. 29(3): 255-267.
3. Hirschman, Charles. 1994. "Why fertility changes." *Annual Review of Sociology* 20:203-233.
4. Mason, Karen Oppenheim. 1997. "Explaining fertility transitions." *Demography* 34(4):443-454.
5. Bryant, John. 2007. "Theories of fertility decline and the evidence from development indicators." *Population and Development Review* 33(1):101-127.
6. Janssens, Angelique. 2007. "'Were women present at the demographic transition?' A Question Revisited." *History of the Family* 12:43-49.
7. Johnson-Hanks, Jennifer. 2008. "Demographic transitions and modernity." *Annual Review of Anthropology* 37:301-315.
8. Townsend, Nicholas. 1997. "Reproduction in anthropology and demography." In David I. Kertzer and Tom Fricke (eds.). *Anthropological Demography: Toward a New Synthesis*. Chicago: The University of Chicago Press, pp 96-114.

## **Week 6: March 9**

### **Fertility in developed countries and the second demographic transition**

1. Billari, Francesco C. and A. Liefbroer. 2004. "Is the Second Demographic Transition a useful concept for demography?" (short papers by various authors) *Vienna Yearbook of Demographic Research*, pp. 1- 34.
2. Morgan S. Philip. 2003. "Is low fertility a twenty-first-century demographic crisis?" *Demography*. 40(4): 589-603.
3. Lesthaeghe, Ron J. and Lisa Neidert. 2006. "The second demographic transition in the United States: Exception or textbook example?" *Population and Development Review* 32(4):669-698.
4. Torr, Berna Miller and Susan E. Short. 2004. "Second births and the second shift: A research note on gender equity and fertility." *Population and Development Review* 30(1):109-130.

#### Low fertility in Europe (Speaker: Prof. Michael White, sociology)

5. Billari, Francesco C. and Hans-Peter Kohler. 2004. "Patterns of low and lowest-low fertility in Europe." *Population Studies* 58(2):161-176.
6. Kertzer, David I, Michael J. White, Laura Bernardi, and Giuseppe Gabrielli. 2008. "Italy's path to very low fertility: The adequacy of economic and second demographic transition theories." *European Population Journal* (online).
7. Hollos, Marida and Egina Yando. 2006. "Social strata differences in mothers' conceptions of children in postsocialist Hungary: An explanation of fertility decisions." *Ethos* 34(4):488-520.

## **Week 7: March 16**

### **Fertility in less developed countries**

1. Blacker, John, Collins Opiyo, Momodou Jasseh, Andy Sloggett, and John Ssekamatte-Ssebuliba. 2005. "Fertility in Kenya and Uganda: A comparative study of trends and determinants." *Population Studies* 59(3):355-373.
2. Bledsoe, Caroline H., Allan G. Hill, Umberto D'Alessandro, and Patrica Langerock. 1994. "Constructing natural fertility: The use of Western contraceptive technology in rural Gambia." *Population and Development Review* 20(1):81-113.
3. Smith, Daniel Jordan. 2004. "Contradictions in Nigeria's fertility transition: The burdens and benefits of having people." *Population and Development Review* 39(2):221-238.

#### Son preference

4. Das Gupta, Monica, Jiang Zhenghua, Li Bohua, Xie Zenming, Woojin Chung, and Bae Hwa-Ok. 2003. "Why is son preference so persistent in East and South Asia? A cross-country study of China, India and the Republic of Korea." *Journal of Development Studies* 40(2):153-187.
5. Murphy, Rachel. 2003. "Fertility and distorted sex ratios in a rural Chinese county: Culture, state, and policy." *Population and Development Review* 29(4):595-626.

## **NO CLASS: March 23 (Spring Break)**

## **Week 8: March 30**

### **Mortality and fertility linkages and HIV/AIDS**

#### **(Outline of paper topic due)**

1. Yeatman, Sarah. 2007. "Fertility preferences in times of crisis: HIV infection and childbearing intentions in rural Malawi." Paper presented at the Annual Meeting of the Population Association of America, New York.
2. Hunter, Susan-Catherine, Raphael Isingo, J. Ties Boerma, Mark Urassa, Gabriel M.P. Mwaluko, and Basia Zaba. 2003. "The association between HIV and fertility in a cohort study in rural Tanzania." *Journal of Biosocial Science* 35:189-199.
3. Knodel, John and Mark VanLandingham. 2003. "Return migration in the context of parental assistance in the AIDS epidemic: The Thai experience." *Social Science and Medicine* 57:327-342.
4. Brouckhoff, Martin and Ann E. Biddlecom. 1999. "Migration, sexual behavior, and the risk of HIV infection in Kenya." *International Migration Review* 33(4):833-856.
5. Lurie, Mark. 2006. "The epidemiology of migration and HIV/AIDS in South Africa." *Journal of Ethnic and Migration Studies* 32(4):649-666.

Anthropological perspectives on HIV/AIDS (Speaker: Prof. Dan Smith, anthropology)

Readings TBA

## **Week 9: April 6**

### **Migration and urbanization**

1. White, Michael J. and David P. Lindstrom. 2005. "Internal migration." In Dudley L. Poston and Michael Micklin (eds.), *Handbook of Population*. New York: Kluwer, pp. 311-346.
2. Massey, Douglas S. et al. 1998. Chapter 1 "New migrations, new theories" and Chapter 2 "Contemporary theories of international migration." *Worlds in Motion: Understanding International Migration at the End of the Millennium*. New York: Oxford University Press, pp. 1-59.
3. Lindstrom, David P. and Elisa Munoz-Franco. 2005. "Migration and the diffusion of modern contraceptive knowledge and use in rural Guatemala." *Studies in Family Planning* 36(4):277-288.
4. Parrado, Emilio A. and Chenoa A. Flippen. 2005. "Migration and gender among Mexican women." *American Sociological Review* 70:606-632.
5. Brouckhoff, Martin P. 2000. "An Urbanizing World." *Population Bulletin* 55(3). [www.prb.org](http://www.prb.org).

Migration and children (Speaker: Prof. Jessaca Leinaweaver, anthropology)

6. Leinaweaver, Jessaca. 2007. "On moving children: The social implications of Andean child circulation." *American Ethnologist* 34(1): 163-180.

**Week 10: April 13****Migration (con't)****Population aging and future demographic trends**

1. Hermalin, Albert I., Mary Beth Ofstedal, and Rebecca Tesfai. 2007. "Future characteristics of the elderly in developing countries and their implications for policy." *Asian Population Studies* 3(1):5-36.
2. Knodel, John and Mary Beth Ofstedal. 2003. "Gender and aging in the developing world: Where are the men?" *Population and Development Review* 29(4):677-698.
3. Wilson, Chris. 2001. "On the scale of global demographic convergence 1950-2000." *Population and Development Review* 27(1):155-171.
4. Vallin, Jacques. 2002. "The end of the demographic transition: Relief or concern?" *Population and Development Review* 28(1):105-120.

**Occupational migration and social networks** (Speaker: Prof. Kaivan Munshi, economics)

5. Munshi, Kaivan. 2003. "Networks in the modern economy: Mexican migrants in the U.S. labor market." *Quarterly Journal of Economics* 118(2):549-599.

**Week 11: April 20****Religion and demographic processes**

1. Blanchard, Troy C., John P. Bartkowski, Todd L. Matthews, and Kent R. Kerley. 2008. "Faith, morality and mortality: The ecological impact of religion on population health." *Social Forces* 86(4):1591-1620.
2. McQuillan, Kevin. 2004. "When does religion influence fertility?" *Population and Development Review* 30(1):25-56.
3. Gregson, Simon, Tom Zhuwau, Roy M. Anderson, and Stephen K. Chandiwana. 1999. "Apostles and Zionists: The influence of religion on demographic change in rural Zimbabwe." *Population Studies* 53:179-193.
4. Bearman, Peter S. and Hannah Brückner. 2001. "Promising the future: Virginity pledges and first intercourse." *American Journal of Sociology* 106(4):859-912.
5. Fargues, Philippe. 2000. "Protracted national conflict and fertility change: Palestinians and Israelis in the twentieth century." *Population and Development Review* 26(3):441-482.

**Week 12: April 27 (reading period)**

Student paper presentations and papers due