

IRMA T. ELO
Curriculum Vitae
January 2003

ADDRESSES:

Department of Sociology
Population Studies Center
University of Pennsylvania
3718 Locust Walk
Philadelphia, PA 19104-6298
Tel: (215) 898-9162
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4638 Larchwood Avenue
Philadelphia, PA 19143
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EDUCATION

- Ph.D. Public Affairs and Demography 1990
Woodrow Wilson School of International and Public Affairs
Office of Population Research, Princeton University, Princeton, NJ
Dissertation: "Female education and the use of maternal health care services in Peru."
- M.P.A. Public Affairs June 1986
Woodrow Wilson School of International and Public Affairs, Princeton University,
Princeton, NJ
- B.A. Political Science, June 1976
Department of Political Science, University of Arkansas, Fayetteville, AR

ACADEMIC POSITIONS

Assistant Professor of Sociology (1/99-present)
Visiting Professor, University of Helsinki, Finland, January 1994
Associate Director, Population Studies Center, University of Pennsylvania (10/96-12/98)
Associate Director, Population Aging Research Center, University of Pennsylvania (10/95-10/96)
Research Associate, Population Studies Center, University of Pennsylvania (9/92-present)
Adjunct Assistant Professor of Sociology, Department of Sociology, University of Pennsylvania (7/94-12/98)
NIA Postdoctoral Fellow, Population Studies Center, University of Pennsylvania (9/90-8/92)

OTHER PROFESSIONAL POSITIONS

Research Consultant, Ford Foundation, New York, New York (6/85-5/88)
Researcher Consultant-in-Residence, Resources for the Future, Washington, DC (10/82-8/84)
Director of Rural Development Program, National Rural Center, Washington, DC (6/80-6/82)
Director of Health Program, National Rural Center, Washington, DC (6/78-6/80)
Research Assistant, Economic Research Service, US Department of Agriculture (1/77-5/78)

GRANTS

- Principal Investigator, *Preterm Birth and Race: A Study of Individual and Spatial Effects*, a subcontract from Thomas Jefferson University, funded by Centers of Disease Control, (12/01/01-11/30/03). Direct cost: \$70,134; Indirect cost: \$41,028.
- Principal Investigator. *Racial and Neighborhood Disparities in Infant Health*, funded by National Institute of Child Health and Human Development, National Institutes of Health, (9/1/99-8/31/03). Direct cost: \$1,479,947; Indirect cost: \$625,408.
- Principal Investigator. *Minority Supplement* to NICHD grant "Racial and Neighborhood Disparities in Infant Health" to fund Helen Lee, a graduate student in Sociology (9/1/00-8/31/03). Direct cost: \$60,804; Indirect cost: \$26,159.
- Principal Investigator. *Socioeconomic Status, Health and Mortality*, funded by the National Institute of Aging (9/30/97-5/31/2000). Direct cost: \$160,000; Indirect cost: \$14,906.
- Co-Principal Investigator (with Prof. Samuel H. Preston, University of Pennsylvania). *African-American Mortality 1930-1990*, funded by the National Institute of Aging (2/1/92-1/31/97). Direct cost: \$818,005; Indirect cost: \$478,533.

RESEARCH INTERESTS

Socioeconomic and racial/ethnic differences in health and mortality
Family sociology
Medical sociology
Mathematical demography

PUBLICATIONS

Refereed Journals

- Rodríguez, G. and I.T. Elo. 2003. "Intra-class correlation in random-effects models for binary data." *The Stata Journal* 3(1):1-15.
- Culhane J.F., V.A. Rauh, K.F. McCollum, I.T. Elo, and V. Hogan. 2002. "Exposure to Chronic Stress and Ethnic Differences in Rates of Bacterial Vaginosis among Pregnant Women." *American Journal of Obstetrics and Gynecology* 187(5): 1272-1276.
- Elo, I.T. and G. L. Drevenstedt. 2002. "Educational Differences in Cause-specific Mortality in the United States." *Yearbook of Population Research in Finland* 38. Helsinki, Finland: The Population Research Institute, pages 37-54.
- Elo, I.T. 2001. "New African American Life Tables from 1935-40 to 1985-90." *Demography* 38: 97-114.
- Preston, S.H., I.T. Elo, Q. Stewart. 1999. "Effects of Age Misreporting on Mortality Estimates at Older Ages." *Population Studies* 53:165-177.
- Gragmolati, M., I.T. Elo, and N. Goldman. 1999. "New Insights into the Far Eastern Pattern of Mortality." *Population Studies* 53:81-95.
- Elo, I.T., R.Berkowitz King, and F.F. Furstenberg, Jr. 1999. "Adolescent Females: Their Sexual Partners and the Fathers of their Children." *Journal of Marriage and the Family* 61:74-84.

- Preston, S.H., I.T. Elo, A. Foster, and H. Fu. 1998. "Reconstructing the Size of the African-American Population by Age and Sex: 1930-1990." *Demography* 35: 1-21.
- Rosenwaike, I., M.E. Hill, S.H. Preston, and I.T. Elo. 1998. "Linking Death Certificates to Early Census Records: The African American Matched Records Sample." *Historical Methods* 31: 65-74.
- Hussey, J. and I.T. Elo. 1997. "Cause-specific Mortality Among Older African Americans: Correlates and Consequences of Age Misreporting." *Social Biology* 44:227-246.
- Hill, M., S.H. Preston, I.T. Elo, and I. Rosenwaike. 1997. "Age-linked Institutions and Age Reporting among Older African Americans." *Social Forces* 75: 1007-1030.
- Elo, I.T., S.H. Preston, I. Rosenwaike, M. Hill, and T. P. Cheney. 1996. "Consistency of Age Reporting on Death Certificates and Social Security Administration Records among Elderly African Americans." *Social Science Research* 25:292-307.
- Preston, S.H., I.T. Elo, I. Rosenwaike, and M. Hill. 1996. "African American Mortality at Older Ages: Results of a Matching Study." *Demography* 33:193-209.
- Elo, I.T. and S.H. Preston. 1996. "Educational Differentials in Mortality: United States, 1979-1985." *Social Science and Medicine* 42: 47-57.
- Preston, S.H. and I.T. Elo. 1995. "Are Educational Differentials in Adult Mortality Increasing in the United States." *Journal of Aging and Health* 74: 476-496.
- Elo, I.T. and S.H. Preston. 1994. "Estimating African-American Mortality from Inaccurate Data." *Demography* 31:427-458.
- Elo, I.T. and L.M. Grummer-Strawn. 1993. "Changes in Breastfeeding Duration in Peru." *Social Biology* 40: 224-243.
- Elo, I.T. and S.H. Preston. 1992. "Effects of Early-Life Conditions on Adult Mortality: A Review." *Population Index* 58: 186-212.
- Elo, I.T. 1992. "Utilization of Maternal Health Care Services in Peru: The Role of Women's Education." *Health Transition Review* 2: 49-69.

Book Chapters

- Elo, I.T. 2001. "Mortality Crossover." *Encyclopedia of the Social and Behavioral Sciences*. London: Elsevier Science Ltd.
- Elo, I.T. and S.H. Preston. 2001. "The African American Population: 1930-1990." In Massey, Douglas and Elijah Anderson, eds. *Problem of the Century: Racial Stratification in the U.S. at the Millennium*. New York: Sage Press, pages 168-223.
- Elo, I.T. 2000. "The Epidemiological Transition." In Department of Economic and Social Affairs. *World Population Monitoring 1998: Health and Mortality: Selected Aspects*. New York: United Nations, pages 94-109.
- Elo, I.T. 1997. "Adult Mortality Among Asian Americans and Pacific Islanders: A Review of the Evidence." In K.S. Markides and M.R. Miranda, eds. *Minorities, Aging and Health*. Thousand Oaks, Ca: Sage Publications, pages. 41-78.
- Elo, I.T. and S.H. Preston. 1997. "Racial and Ethnic Differences in American Mortality at Older Ages." In L. Martin and B. Soldo, eds. *Racial and Ethnic Differences in the Health of Older Americans*. Washington, DC: National Academy Press, pages 10-42.
- Elo, I.T. and J.E. Miller. 1992. "Ever-breastfed Status and Health at Birth," in J.T. Boerma, ed. *Measurement of Maternal and Child Mortality, Morbidity and Health Care: Interdisciplinary Approaches*. Liege: Ordina Editions, pages 309-332.

Pebley, A.R. and I.T. Elo. 1989. "The Relationship of Birth Spacing and Child Health," in *Proceedings, IUSSP International Population Conference, Volume 1, New Delhi, India*, pages 403-417.

Elo, I.T. and C.L. Beale. 1984. *Rural Development, Poverty, and Natural Resources: An Overview*. Washington, DC: Resources for the Future. 123 pages.

Book Reviews

Elo, I.T. 1996. A review of *Deprivation and Disease: Mortality during the Great Finnish Famine of the 1860s*, by Kari J. Pitkänen. *Journal of Interdisciplinary History* XXVII:143-145.

REVISE AND RESUBMIT

Elo, I.T., C. Turra, B. Kestenbaum, and R.B. Ferguson. 2002. "Mortality among Elderly Hispanics in the United States: Past Evidence and New Results." *Demography*, 33 pages.

UNDER REVIEW

Elo, I.T., G. Rodriguez, H. Lee and J.F. Culhane. 2002. "Racial and Neighborhood Disparities in Birthweight in Philadelphia." *Social Science and Medicine*, 30 pages

Elo, I.T. and G.L. Drevenstedt. 2002. "Educational and Black-White Differences in Cause-Specific Mortality." *Social Forces*, 38 pages.

Elo, I.T. and G.L. Drevenstedt. 2002. "Cause-Specific Contributions to Black-White Differences in Adult Male Mortality between 1960 and 1995." *Proceedings of an IUSSP meeting on Emerging Health Threat*, 22 pages.

UNDER REVISION

Elo, I.T. and H. Lee. 2001. "Ethnic Differentials in Birth Outcomes in Philadelphia."

Culhane, J. and I.T. Elo. "Sociodemographic and Behavioral Determinants of Infant Mortality Among Low-Income Women in Philadelphia."

Elo, I.T. and G.L. Drevenstedt. 2001. "Cause-Specific Contributions to Racial Differences in Male and Female Mortality between 1960 and 1995."

Elo, I.T. and G.L. Drevenstedt. 2001. "Cause-Specific Contributions to Sex Differences in Mortality among Whites and African Americans, 1960 to 1995."

Elo, I.T. "Childhood Conditions and Adult Health: Evidence from the Health and Retirement Study."

CONFERENCE PRESENTATIONS

Elo, I.T. and G.L. Drevenstedt. 2002. "Cause-Specific Contributions to Black-White Differences in Adult Male Mortality between 1960 and 1995." IUSSP Meeting on Emerging Health Threats, Rostock Germany.

Elo, I.T., C. Turra, B. Kestenbaum, and R.B. Ferguson. 2002. "Mortality among Elderly Hispanics in the United States: Past Evidence and New Results." Annual Meeting of the Population Association of America, Atlanta, Georgia.

- Elo, I.T. and G.L. Drevenstedt. 2001. "Cause-Specific Contributions to Sex Differences in Adult Mortality among African Americans between 1960 and 1995." Annual Meeting of the American Sociological Association, Anaheim, CA.
- Elo, I.T. and H. Lee. 2001. "Ethnic Differentials in Birth Outcomes in Philadelphia." Annual Meeting of the American Sociological Association, Anaheim, CA.
- Elo, I.T. and G.L. Drevenstedt. 2001. "Cause-Specific Contributions to Racial Differences in Adult Male Mortality between 1960 and 1995." Annual Meeting of the Population Association of America, Washington, DC 2001.
- Elo, I.T., G. Rodriguez, and H. Lee. 2001. "Racial and Neighborhood Disparities in Birthweight in Philadelphia." Annual Meeting of the Population Association of America, Washington, DC 2001.
- Culhane, J. and I.T. Elo. 2000. "Re-Conceptualizing Risk, Measurement and Analytic Strategies for the Study of Birth Outcomes and Infant Mortality." Annual Meeting of the American Sociological Association, Washington, DC.
- Elo, I.T. and G.L. Drevenstedt. 2000. "Socioeconomic and Racial Differentials in Cause-Specific Mortality." Annual Meeting of the Population Association of America, Los Angeles, CA.
- Elo, I.T. and G.L. Drevenstedt. 1999. "Socioeconomic Differentials in Adult Mortality: What Can We Learn from Cause-Specific Analyses?" Paper presented in Workshop on Mortality Analyses by Cause of Death in Industrialized Countries. Marconi Conference Center, Marshall, California, June 17-20, 1999.
- Elo, I.T. 1999. "African American Mortality 1935-1990." Annual Meeting of the American Sociological Association, Chicago, IL.
- Elo, I.T. 1998. "Childhood Environment and Adult Health: Evidence from the Health and Retirement Study." Annual Meeting of the Population Association of America, Chicago, IL.
- Preston, S.H., I.T. Elo, and Q. Stewart. 1998. "Effects of Age Misreporting on Mortality Estimates at Older Ages." Annual Meeting of the Population Association of America, Chicago, IL.
- Elo, I.T. and R. Berkowitz. 1997. "Adolescent Females: Their Sexual Partners and Fathers of their Children." Annual Meeting of the Population Association of America, Washington, DC.
- Preston, S.H., I.T. Elo, H. Fu, and A. Foster. 1996. "African American Mortality 1930-1990." Annual Meeting of the Population Association of America, New Orleans, LA.
- Preston, S.H., I.T. Elo, I. Rosenwaike, and M. Hill. 1995. "African American Mortality at Older Ages: Results of a Matching Study." Annual Meeting of the Population Association of America, San Francisco, CA.
- Preston, S.H., I.T. Elo and L. Gale. 1995. "Using Successive Censuses to Estimate Census Completeness for African-Americans, 1930-1990." Annual Meeting of the Population Association of America, San Francisco, CA.
- Elo, I.T., I. Rosenwaike, M. Hill and T. Cheney. 1994. "Consistency of Age Reporting on Death Certificates and the Social Security Administration Death Master File among Elderly African-American Decedents." Annual Meeting of the Population Association of America.
- Elo, I.T. and S.H. Preston. 1994. "Educational Differentials in Mortality, United States 1979-1985." Annual Meeting of the Population Association of America.
- Elo, I.T. and S.H. Preston. 1993. "Quality of Data for Estimating African-American Mortality, 1930-1990." Annual Meeting of the Population Association of America.
- Elo, I.T. and L. Grummer-Strawn. 1991. "Infant Feeding Patterns in Peru 1977-1986." The Demographic and Health Survey World Conference, Washington, DC, August, 1991.
- Elo, I.T. and C. Beale. 1988. "The Decline in American Counter-Urbanization in the 1980s: Its Geographic and Causal Context." Annual Meeting of the Population Association of America.

FELLOWSHIPS, SCHOLARSHIPS, HONORS

NIA Summer Institute for Research on Minority Aging, 1992
John D. and Catherine T. MacArthur Foundation fellowship for the study of population and development, 1989-1990
NIH Traineeship in Demography, 1987-1989
Princeton University Fellowship, 1984-1987
Nineteenth Summer Seminar on Population, East West Center, Honolulu, HI, 1988
Phi Beta Kappa, 1976
Outstanding Senior Award, University of Arkansas 1976

OTHER PROFESSIONAL EXPERIENCE AND SERVICE

Elected Member, Board of Directors, Population Association of America, 2003- .
Member, National Institute of Child Health and Human Development *Special Review Panel on Development of Community Child Health Research*, October 2002.
Member, Steering Committee, *Health and Retirement Study*, 2002- .
Invited Participant, advisory meeting on *Economic Measures in Health Surveys*, sponsored by the National Center for Health Statistics/CDC, the National Institute of Aging, and the NIH Office of Behavioral and Social Sciences Research, January 2002.
Member, *Advisory Panel on Exceptional Longevity (APEL)*, National Institute of Aging (NIA), NIH Advisory Panel Meeting, Washington, DC, July 2000.
Member, *Special Advisory Committee on Methodological Issues in Calculation of Vital Rates and Postcensal Population Estimates*, sponsored by the National Center for Health Statistics and the Bureau of the Census, Advisory Panel Meeting, Washington, DC, July 2000.
Invited Participant, advisory meeting on Graduate Education in Population Studies in Mexico, Centro de Investigación Demográfica e Información Geográfica. Guadalajara, Mexico, April 1999.
Member of a *National Institute of Aging Special Review Panel* for a program project on “Early Indicators of Later Work Levels and Death,” Principal Investigator, Dr. Robert Fogel, University of Chicago, June 1999.
Member, Scientific Review Board of Demographic Research for an Online Journal of Research in Population Sciences, the Max Planck Institute for Demographic Research, Germany, 1999-present.
Member, the Board of the Society for the Study of Social Biology, 1999 - present
Invited Conference Speaker, *America Becoming: Racial Trends and Their Consequences: Implications for the Nation and New York*. Baruch College, New York, February 2001.

Session Organizer, Annual Meetings of the Population Association of America, 1995, 1997, 1999, 2001, 2002.
Program Committee, Annual Meeting of the Population Association of America, 1996, 2001

Manuscript Referee: American Journal of Public Health, American Sociological Review, American Journal of Sociology, Demography, Journal of Aging and Health, Journal of Epidemiology and Community Health, Research on Aging, Social Forces, Social Science and Medicine

PROFESSIONAL MEMBERSHIPS

Population Association of America (PAA)
American Sociological Association (ASA)
International Union for the Scientific Study of Population (IUSSP)

TEACHING AND THESIS SUPERVISION

A. University of Pennsylvania: Graduate Courses

Basic Demographic Methods, Demography/Sociology 609

Fall 1999 (11)
Fall 2000 (7)
Fall 2001 (11)

Mortality, Demography/Sociology 621

Spring 1993 (10)
Spring 1994 (8)
Spring 1996 (14)
Spring 1999 (16)
Spring 2001 (13)

Seminar in Demographic Research, Demg707-708 (with Etienne van de Walle)

Spring 1995 (7)

B. University of Pennsylvania: Undergraduate Courses

Poverty, Race, and Health, Sociology 264

Fall 1999 (26)
Spring 2002 (31)

C. Independent Studies

Fall 1993 – Cameron Campbell (Graduate)
Fall 1998 – Greg Drevenstedt (Graduate)
Fall 2000 – Monique Williams (Graduate)
Fall 2001 – Helen Lee (Graduate)
Spring 2002 – Sara Archambault (Undergraduate, Senior Thesis)
Fall 2002 – Jennifer Passanante (Undergraduate, Senior Thesis)
Fall 2002 – Leigh Meisler (Undergraduate)

D. Undergraduate and Graduate Thesis and Dissertations

Undergraduate Thesis

- Sara Archambault (2001-2002): *DARE: Widespread prevalence despite negative empirical findings*. Faculty Supervisor: Sackler Research Award
- Jennifer Passanante (Fall 2002): *The role of fathers in out-of-wedlock childrearing*. Faculty Supervisor: Sackler Research Award.

First-Year Papers in Demography (required for Masters Degree in Demography)

- *Spring 1999*: Ayaga Bawah, Shasta Jones, Rashida Mendes (with Etienne van de Walle), Pilar Paneque, Monique Williams, Shengchao Yu
- *Spring 2001*: Maria Aysa Lastra, Leanne Davis, Cassio Turra
- *Spring 2002*: Solveig Argesenau

Ph.D Dissertations

Chair, Dissertation Committee

- Helen Lee (current): *Multiple contexts of everyday infant health care decisions of inner city mothers.*
- Linda Duffy (2000): *Women's health in Bangladesh*, Researcher/Graduate Student in Computer Science, University of California at Berkeley

Member, Dissertation Committee

- Leslie Stone (current): *Essays on old age and Hispanic mortality and morbidity.*
- Nathan Jones (2001): *Research in Population Health*, Post-Doctoral Fellow, Rand Corporation.
- Greg Drevenstedt (2001): *Mortality patterns in the United States since 1960: Essays on migrant mortality, the impact of Medicare, and cause-specific mortality change*, Project Director, National Analysts, Inc.
- Kathy Foley (2000): *SES and health: Longitudinal explorations in a population of teenage mothers and their children*, Manager of Outcomes Research in Cardiovascular Disease, Merck & Co.
- Angela Raynar (1999): *Fertility decision-making among the Luo of Kenya*, Microsoft Corporation.
- Ina Warriner (1999): *Non-traditional approaches to traditional demographic questions: Three essays of fertility and mortality*, Scientist in Reproductive Health Research, World Health Organization, Geneva, Switzerland.
- Carlos Grushka (1996): *Adult mortality in Latin America: Evaluation, adjustments, and a debate over a distinct pattern*, Social Security Administration, Argentina.
- Silvia Lomeli-Llera (1996): *Gender differentials in housing conditions: The Mexican elderly, deceased.*
- Cameron Campbell (1995): *Chinese mortality transition: The case of Beijing 1700-1990*, Associate Professor, Sociology, University of California, Los Angeles.
- Laura Shrestha (1994): *Age misreporting and its effects on old age population and death registration estimates: United States, 1970-1990*, Deputy Associate Director, National Institute on Aging, NIH.

Post-Doctoral Supervision

- John Hussey (1995-1997): differential mortality by race and socioeconomic status, Research Assistant Professor, University of North Carolina..

UNIVERSITY SERVICE

A. University and College of Arts and Sciences

- Senate Nominating Committee, Spring 2002
- Undergraduate Pilot Curriculum Evaluation Committee, Fall 2000-present
- Selection Committee for College Undergraduate Research Program, the Nassau Fund, and Rose Award, 1999-2000
- Steering Committee, Undergraduate Major in Health and Society, 1999-
- Planning Committee on Urban Health Minor, Spring 1999

B. Department of Sociology, Graduate Group in Demography, Population Studies Center

- Executive Committee, Department of Sociology, 1999-2000; 2001-2002
- Assistant Professor Search Committee, Department of Sociology, 2000-2001
- Graduate Program Committee, Department of Sociology, Spring 1999
- Chair, A.M. Examination Committee, Graduate Group in Demography, Spring 1999, 2002
- A.M. Examination Committee, Graduate Group in Demography, Spring 2001, 2003
- Ph.D. Examination Committee, Graduate Group in Demography, Spring 2000
- Population Studies Center Executive Committee, 1999-present
- Population Aging Research Center Advisory Committee, 1999-present
- Population Studies Center Computer Committee, 1999-2002