

Curriculum Vitae

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Education

- 2006 PhD Sociology
University of California, Berkeley
- 1996 MSc Medical Demography
London School of Hygiene & Tropical Medicine, University of London
- 1995 AB Biology
Harvard University

Employment

July 2006–present: Assistant Professor, Sociology, University of California, Irvine.

Co-coordinator, initiative on pandemic influenza, 2005–07.

IIASA, International Institute for Applied Systems Analysis, Laxenburg, Austria. <http://iiasa.ac.at/>

Journal Articles

Testing the influenza-tuberculosis selective mortality hypothesis with Union Army data.

Social Science & Medicine under review.

Contesting the cause and severity of the black death: A review essay.

Population and Development Review 33(3):616–627 (2007)

The transmission and persistence of ‘urban legends’: Sociological application of age-structured epidemic models.

Journal of Mathematical Sociology 25(3):299–323 (2001)

Mortality selection and sample selection: A comment on Beckett.

Journal of Health and Social Behavior 42(3):326–327 (2001)

The 1918 Influenza epidemic’s effects on sex differentials in mortality in the United States.

Andrew Noymer and Michel Garenne.

Population and Development Review 26(3):565–581 (2000)

The Perseus Flasher and satellite glints.

Bradley E. Schaefer, Michael Barber, John J. Brooks, Allen Deforrest, Paul D. Maley, Norman W. McLeod III, Russ McNiel, Andrew J. Noymer, A. K. Presnell, Richard Schwartz, and Scott Whitney.

Astrophysical Journal 320(1):398–404 (1987)

Bringing Sociology to a Broader Public

Plans to fight pandemic flu must focus on senior citizens. (Op-Ed) *Chicago Sun-Times*, 5 November 2005
Juliane Baron and Andrew Noymer

You might be infected — with an urban legend. (Op-Ed) *Los Angeles Times*, 28 December 2003, p. M5
(Sunday opinion section; carried on other newspapers nationwide through LA Times wire service.)

Book Chapters

Algorithm; and Alpha, the significance of a test. *Encyclopedia of Survey Research Methods*.
Sage Publications. (forthcoming, 2008)

Algorithm (pp. 9–10). *The Sage Encyclopedia of Social Science Research Methods*. Sage Publications. (2004)

Long-term effects of the 1918 ‘Spanish’ influenza epidemic on sex differentials of mortality in the USA:
exploratory findings from historical data (Ch. 13, pp. 202–217). Andrew Noymer and Michel Garenne.
The Spanish Influenza Pandemic of 1918–1919: New Perspectives.
(Studies in the Social History of Medicine, 12) Routledge. (2003)

Influenza (pp. 540–542) and Tuberculosis (pp. 946–948).
Encyclopedia of Population. Macmillan Reference. (2003)

Book Reviews

The Great Influenza: The Epic Story of the Deadliest Plague in History, by John M. Barry.
Population and Development Review 30(3):537–539 (2004)

Island Epidemics, by Andrew D. Cliff, Peter Haggett, and Matthew R. Smallman-Raynor.
Journal of Economic History 62(3):916–918 (2002)

Flu: The Story of the Great Influenza Pandemic of 1918 and the Search for the Virus that Caused it, by Gina Kolata.
Population and Development Review 27(1):187–191 (2001)

Letters

The March of Dimes [and structural change]. *American Journal of Public Health* 92(2):158 (2002)

Working Papers

The transmission and persistence of ‘urban legends’: Sociological application of age-structured epidemic
models. *Center for Culture, Organizations, and Politics (CCOP) working paper #2001-04*
<http://ist-socrates.berkeley.edu/~iir/culture/papers.html>

An alternative summary measure of mortality. *CEPED Rapport de recherche n°18*. 1998.

Estimates of under-five mortality in Botswana and Namibia: Levels and trends.
IIASA Interim Report IR-98-005 <http://www.iiasa.ac.at/cgi-bin/pubsrch?IR98005>

Dissertation

Studies in the historical demography and epidemiology of influenza and tuberculosis selective mortality.
Committee: Neil Fligstein (co-chair); Trond Petersen (co-chair); David A. Freedman; George W. Rutherford.

Master's Degree Dissertation

Demographic-epidemiologic models of measles transmission in developing countries: The case of Muyinga sector, Burundi.

Awards

- 2007: Social Science Assistant Professor Research Award
School of Social Sciences, UC, Irvine
- 2007: Faculty Career Development Award
Office of the Executive Vice Chancellor and Provost, UC, Irvine
- 2002: Best Paper in Mathematical Sociology, Mathematical Sociology Section,
American Sociological Association (for urban legend paper in *J. Math. Soc.*)
- 2002: Best Student Paper in Mathematical Sociology, Mathematical Sociology Section,
American Sociological Association (for urban legend paper in *J. Math. Soc.*)
- 1996: Selwyn-Clarke Prize, best student in Medical Demography master's program,
London School of Hygiene & Tropical Medicine, University of London
- 1991: Minor Planet (asteroid) number 4956 named 'Noymer' by the International Astronomical Union
(ref.: *IAU Minor Planet Circular* No. 19341)

Presentations at Meetings, Workshops, Conferences

UAPS Fifth African Population Conference, Arusha, Tanzania, 2007 • Sibship size and mortality in Africa: Evidence from the DHS (with Ndola Prata).

Joint IIASA/Peking University workshop on "Pandemic Influenza in China: Challenges, Responses, Needs", Beijing, 2007 • Plagues past and present: The relevance of historical research to current policy questions. [by invitation]

Wenner-Gren Foundation Conference on "Plagues: Models and Metaphors in the Human 'Struggle' with Disease", Tucson, 2007 • Influenza and tuberculosis in 1918: Lessons from an historical plague. [by invitation]

Stanford University/Applied Biosystems Symposium on "Demography and Infectious Disease: Integrating Multiple Levels of Biological and Social Organization", 2007 • Down under, up over: Comparative trends of infectious disease in Australia and the United States in the twentieth century. [by invitation]

Computational & Theoretical Biology Symposium, Rice University, 2006 • Who dies in flu pandemics? Lessons from the 1918 "Spanish" influenza. [by invitation]

Presentations at Meetings, Workshops, Conferences, continued

Conference on “Causal Analysis in Population Studies: Concepts, Methods, Applications”, Vienna Institute of Demography, 2006 • Causal relations and age, period, cohort analysis: Testability and the case for parsimony. Session 2.

IIASA Workshop on Pandemic Influenza, Laxenburg, Austria, 2006 • Who dies in flu pandemics? Lessons from the 1918 “Spanish” influenza. [by invitation]

IUSSP Seminar on “Longevity: Early-life Conditions, Social Mobility and Other Factors that Influence Survival to Old Age”, Lund/Mölle, Sweden, 2006 • Testing the influenza-tuberculosis selective mortality hypothesis with Union Army data.

American Thoracic Society, International Conference (ATS 2006), San Diego • Influenza and tuberculosis: Lessons from 1918 for the next flu pandemic. Session D80. [by invitation]

Population Association of America, 2006 Annual Meeting, Los Angeles • Testing the influenza-tuberculosis selective mortality hypothesis in Australia. Session 121. & Testing the influenza-tuberculosis selective mortality hypothesis with Union Army data. Session 135.

Symposium on Avian and Pandemic Influenza, UCSE, 2005 • Theories of differential mortality in the 1918–1919 pandemic. Session II. [by invitation]

American Sociological Association, 2003 Annual Meeting, Atlanta • Age, period, cohort analysis: A plea for theory. Session 497.

American Sociological Association, 2003 Annual Meeting, Atlanta • The glass ceiling in academia: Findings from a large research university. Trond Petersen and Andrew Noymer. Session 532.

Population Association of America, 2002 Annual Meeting, Atlanta • How many parameters are necessary—or sufficient? A comparison of the Lee-Carter and Brass mortality models. Session 101.

American Sociological Association, 2001 Annual Meeting, Anaheim, California • Competing rumors: A generalized model of information diffusion. Andrew Noymer and Tim Futing Liao. Session 195.

International Health Economics Association (iHEA), 2001 Conference, York, United Kingdom • Disability-adjusted life years and inter-disease comparisons: Stochastic simulations of competing acute and chronic diseases. Session 211.

Population Association of America, 2001 Annual Meeting, Washington DC • Disability-adjusted life years and inter-disease comparisons: A critical appraisal. Session 13. & The role of externalities and bounded rationality for the evolution of child preferences. Session 71.

Mathematical Sociology in Japan and in America: A Joint Conference, Honolulu, 2000 • The transmission and persistence of ‘urban legends’: Sociological application of age-structured epidemic models.

Second Workshop on “Nonlinear Demography”, Rostock, Germany, 2000 • Demographic-epidemiologic models of measles transmission in developing countries: Nonlinear demographic tools to determine optimal vaccination policies.

Population Association of America, 2000 Annual Meeting, Los Angeles • The 1918 “Spanish” Influenza’s long-term effects on mortality sex differentials in the USA. Andrew Noymer and Michel Garenne. Session 30 (and American Sociological Association, Methods Section, 2000 Winter Meeting, Los Angeles). & Mortality sex differentials in space and time: Vallin’s paradox in the USA. Session 66 (and REVES 12 meeting, University of Southern California).

Population Association of America, 1999 Annual Meeting, New York City • Demographic-epidemiologic models of measles transmission in developing countries. Session 50.

Presentations at Meetings, Workshops, Conferences, continued

American Sociological Association, Methods Section, 1999 Winter Meeting, Duke University • An alternative summary measure of mortality.

The Spanish Flu After 80 Years: an International Conference, Cape Town, South Africa, 1998 • Long-term effects of the 1918 'Spanish' influenza epidemic on sex differentials of mortality in the USA: exploratory findings from historical data. Andrew Noymer and Michel Garenne.

Colloquia

The twentieth century evolution of American mortality.

Economic History Seminar, University of Michigan, Ann Arbor, 6 November 2007.

Cholera in Victorian London: John Snow and the births of epidemiology and germ theory.

Clinical Meeting [Grand Rounds], Ahmadu Bello Univ. Teaching Hospital, Zaria, Nigeria, 25 July 2007.

Department of Community Medicine, Ahmadu Bello University, Zaria, Nigeria, 27 July 2007.

Mortality selection: The 1918 influenza pandemic's role in the decline of tuberculosis in the US.

Department of Mathematical Sciences/Center for Applied Mathematics and Statistics,

New Jersey Institute of Technology, 28 March 2007.

Institute for Mathematical Behavioral Sciences, UC, Irvine, 26 April 2007.

Tuberculosis in the Union Army during the Civil War.

California Center for Population Research, UCLA, 24 January 2007.

Who dies in flu pandemics? Lessons from the 1918 'Spanish' flu.

Stanford University, School of Medicine, 22 November 2005.

UC, Irvine, Sociology Department, 30 November 2005.

Harvard School of Public Health, 5 December 2005.

UW–Seattle, Center for Statistics and the Social Sciences, 7 December 2005.

UW–Seattle, Sociology Department, 8 December 2005.

University of Utah, Huntsman Cancer Institute, 23 May 2006.

Testing the influenza-tuberculosis selective mortality hypothesis with Union Army data.

UC, Berkeley Demography Department, 2 November 2005.

Selective mortality in the 1918 "Spanish" influenza pandemic.

UC, Berkeley Demography Department, 4 May 2005.

The transmission and persistence of 'urban legends': Demographic/epidemic models of rumors.

UC, Berkeley Demography Department, 9 April 2003.

A tale of two diseases: Influenza, tuberculosis, and the 1918 epidemic.

Department of Statistics, UCLA, 5 February 2002.

Center for Health Policy/Center for Primary Care and Outcomes Research, Stanford, 17 July 2002.

Mortality selection and mortality decline: The Case of the 1918 influenza.

California Center for Population Research, UCLA, 13 June 2001.

Sex differentials in mortality and selection effects: The long-term impact of 1918 "Spanish" influenza.

Neyman Seminar, UC, Berkeley Statistics Department, 6 December 2000.

Interrogating disability-adjusted life years: DALYs and inter-disease comparisons.

UC, Berkeley Demography Department, 25 October 2000.

Colloquia, continued

Effets à long terme de l'épidémie de grippe espagnole de 1918 aux Etats Unis

Andrew Noymer and Michel Garenne

INED (Institut national d'études démographiques), Paris, 2 July 1998.

Grants

- 2005: Institute of Business and Economic Research, UC, Berkeley, Mini-grant for data entry.
- 2004: National Institute of Aging graduate student traineeship (one year).
- 1998: National Institute of Child Health and Human Development graduate student traineeship (four years).
- 1998: Rockefeller Foundation, \$24,300 grant to support historical demography research on the 1918 influenza epidemic (with Michel Garenne). Grant number HS-9810.
- 1997: Grant in support of participation in Young Scientist Summer Program at IIASA, National Science Foundation, through the American Academy of Arts and Sciences.

Prior Work Experience

- 1997–01: Visitor, Research Group on Contemporary European Fertility Dynamics
Max-Planck-Institut für demografische Forschung (Max Planck Institute for Demographic Research)
Rostock, Germany
- 1997–99: Visiting Researcher, Centre français sur la population et le développement (CEPED)
Paris, France
- 1997–98: Participant in Young Scientist Summer Program, and Visitor
Population, Development and Environment Project
International Institute for Applied Systems Analysis (IIASA)
Laxenburg, Austria
- 1997: Demographer
Instituto Nacional de Estatística (INE), Ministry of Planning
Luanda, Angola
- 1997: Consultant
Luanda, Angola
work with: Concern; Development Workshop; Norwegian People's Aid; UNFPA;
USAID; and national NGOs

Details of work experience before 1997 are available on request.

Teaching

Courses taught at the University of California, Irvine:

- Sociology 159, Sociology of Health and Illness (undergraduate lecture class)
- Sociology 269, Sociology and Demography of Health (graduate seminar)
- Sociology 221C, Graduate Statistics III (graduate requirement)

Professional Service

Board member: Society of Biodemography and Social Biology (SBSB); 2005–2007.

Editorial board member: *Contemporary Sociology*; 2007–2008.

Refereed for: *Demography*; *International Economics and Economic Policy*; *Journal of Mathematical Sociology* (multiple times); *Journal of Theoretical Biology*; *Population and Development Review*; *Social Biology*; *Social Science & Medicine* (twice).

Discussant for: PAA Annual Meeting 2007, Session 82, “Perspectives on the Demographic Dividend” & Session 103 “Race/ethnic Differences in Mortality”; PAA Annual Meeting 2003, Session 41, “Health Care Policy and Access to Health Care”; PAA Annual Meeting 2002, Session 119, “Network Analysis in Social Demography”.

Affiliations

Center for Research on Immigration, Population and Public Policy, UCI.

Demographic and Social Analysis (DASA) program, UCI.

Institute for Mathematical Behavioral Sciences (IMBS), UCI.

Research focus group in Social Dynamics and Complexity, UCI.

Non-resident faculty affiliate, California Center for Population Research (CCPR), UCLA.

Member, All-UC Group in Economic History.

Foreign Languages

Proficient in French; some knowledge of Portuguese.

References

References available on request.

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