

JOHN R. WILMOTH

Curriculum Vitae

CONTACT INFORMATION

My contact information is given below for both the United Nations and the University of California at Berkeley. However, please note that I will be based primarily in New York City beginning July 2005 (for a period of at least 2 years).

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EDUCATIONAL BACKGROUND

Princeton University, Princeton, New Jersey, 1984-1988
Ph.D., Statistics and Demography (joint degree), October 1988
Ball State University, Muncie, Indiana, 1979-1984
B.A. (*summa cum laude*), May 1984 (majors: actuarial science, French; minor: piano)

PROFESSIONAL BACKGROUND

Population Division, United Nations, New York City, 2005-present
Chief, Mortality Section, 2005-present
Department of Demography, University of California, Berkeley, 1989-present
Associate Professor, 1996-present (*in absentia* 2005-present)
Graduate Advisor, 1991-1992, 1993-2003 (except 1.5 years sabbatical leave)
Assistant Professor, 1989-1996 (*in absentia* 1989-1990)
Population Studies Center, Department of Sociology, University of Michigan
Andrew W. Mellon Postdoctoral Fellow, 1988-1990

SELECTED PROFESSIONAL ACTIVITIES

Human Mortality Database (formerly the Berkeley Mortality Database), <http://www.mortality.org>
Director, 1997-present
Institut national d'études démographiques (INED), Paris
Visiting Scholar, January-July 2001
Special Committee on "La vocation internationale de l'INED," Member, 1999-2000
Technical Panel on Assumptions and Methods, Social Security Advisory Board, Washington, D.C.
Member, 2003

PROFESSIONAL ASSOCIATIONS

American Association for the Advancement of Science, 1998-present
Gerontological Society of America, 1995-present
International Union for the Scientific Study of Population, 1999-present
Population Association of America, 1986-present
Population Reference Bureau, 1994-present

EDITORIAL BOARDS AND ADVISORY COMMITTEES

Demographic Research, Scientific Review Board, 1999-present
Encyclopedia of Population (Macmillan Reference USA), Editorial Board, 2001-2003
European Journal of Population, Editorial Board, 2001-present
Evaluation Review, Associate Editor, 1996-present
Population, International Committee, 2002-present

CURRENT GRANTS

“Longevity and mortality in industrialized societies.” Principal investigator, Research Project, National Institute on Aging (RO1 AG11552), 7/1/1999 – 6/30/2009.

PAPERS AND PUBLICATIONS

- 2006 J.R. Wilmoth and Mike Dennis. “Social differences in older adult mortality in the United States: Questions, data, methods, and results.” In: Jean-Marie Robine, Eileen Crimmins, Zeng Yi, and Shiro Horiuchi (eds.), *Human Longevity, Individual Life Duration, and the Growth of the Oldest-Old Population*, Springer (forthcoming).
- 2006 Child Mortality Coordination Group. “Tracking progress towards the Millennium Development Goals: Reaching consensus on child mortality levels and trends.” *Bulletin of the World Health Organization* 84(3): 225-232 [contributed to the paper as a member of the Child Mortality Coordination Group].
- 2006 Shiro Horiuchi, J.R. Wilmoth, and Scott D. Pletcher. “A Decomposition Method Based on a Model of Continuous Change.” Submitted for publication February 2006.
- 2005 J.R. Wilmoth. “On the relationship between period and cohort mortality.” *Demographic Research* 13(11): 231-280.
- 2005 Vladimir Shkolnikov, J.R. Wilmoth, and Dana A. Gleit. “Introduction to the Special Collection ‘Human Mortality over Age, Time, Sex, and Place: The 1st HMD Symposium.’” *Demographic Research* 13(10): 223-230.
- 2005 J.R. Wilmoth. “Some methodological issues in mortality projection, based on an analysis of the U.S. social security system.” *Genus* 61(1): 179-211. (Also published as a working paper, “Overview and discussion of the Social Security mortality projections,” by the Social Security Advisory Board, Washington, D.C., 2005).
- 2004 R.N. Butler, H.R. Warner, T.F. Williams, S.N. Austad, J.A. Brody, J. Campisi, A. Cerami, G. Cohen, V.J. Cristofalo, D.A. Drachman, C.E. Finch, I. Fridovich, C.B. Harley, R.J. Havlik, G.M. Martin, R.A. Miller, S.J. Olshansky, O.M. Pereira-Smith, J.R. Smith, R.L. Sprott, M.D. West, J.R. Wilmoth, W.E. Wright. “The aging factor in health and disease: the promise of basic research on aging.” *Aging Clinical and Experimental Research* 16(2): 104-11.
- 2003 Technical Panel on Assumptions and Methods. *Report to the Social Security Advisory Board*. Social Security Advisory Board, Washington, D.C. [as one of eight Panel members, took primary responsibility for sections on fertility, migration, and mortality, or pp. 21-41 of this *Report*].

- 2003 J.R. Wilmoth and Jean-Marie Robine. "The world trend in maximum life span." In: James R. Carey and Shripad Tuljapurkar (eds.), *Life Span: Evolutionary, Ecological, and Demographic Perspectives*, supplement to vol. 29, *Population and Development Review*, pp. 239-257.
- 2003 J.R. Wilmoth. "Mortality decline." In: Paul Demeny and Geoffrey McNicoll (eds.), *International Encyclopedia of Population*, 2nd ed., New York: Macmillan Reference USA, vol. 2, pp. 654-662.
- 2002 Omer Gersten and J.R. Wilmoth. "The cancer transition in Japan since 1951." *Demographic Research* 7(5): 271-306.
- 2002 J.R. Wilmoth. "Human longevity in historical perspective." In: Paola S. Timiras (ed.), *Physiological Basis of Aging and Geriatrics*, 3rd edition, Boca Raton, FL: CRC Press, pp. 11-24.
- 2002 Thomas T. Perls, J.R. Wilmoth, Robin Levenson, Maureen Drinkwater, Melissa Cohen, Hazel Bogan, Erin Joyce, Stephanie Brewster, Louis Kunkel, and Annibale Puca. "Life-long sustained mortality advantage of siblings of centenarians." *Proceedings of the National Academy of Sciences* 99(12): 8442-8447.
- 2001 J.R. Wilmoth. "How long can we live? A review essay." *Population and Development Review* 27(4): 791-800. [Book review of S. Jay Olshansky and Bruce A. Carnes, *The Quest for Immortality: Science at the Frontiers of Aging*, New York: W.W. Norton, 2001.]
- 2001 J.R. Wilmoth and Tapani Valkonen. "A parametric representation of mortality differentials over age and time." EAPS seminar, "Trends in differentials in morbidity and mortality: Analysis and explanation," Pontignano, Italy, April 2001.
- 2001 J.R. Wilmoth. "Les modèles âge-période-cohorte en démographie." In: Graziella Caselli, Jacques Vallin, and Guillaume Wunsch (eds.), *Démographie: Analyse et Synthèse. I. La Dynamique des Populations*, Paris: INED, pp. 379-397.
- 2001 J.R. Wilmoth and Paola S. Timiras. "Demographic, comparative, and differential aging." In: Ronnie A. Rosenthal, Michael E. Zenilman, and Mark R. Katlic (eds.), *Principles and Practice of Geriatric Surgery*, New York: Springer-Verlag, pp. 24-37.
- 2000 J.R. Wilmoth. "Demography of longevity: Past, present, and future trends." *Journal of Experimental Gerontology* 35(9-10): 1111-1129.
- 2000 J.R. Wilmoth, Leo J. Deegan, Hans Lundström, and Shiro Horiuchi. "Increase of maximum life-span in Sweden, 1861-1999." *Science* 289: 2366-2368.
- 1999 J.R. Wilmoth and Shiro Horiuchi. "Rectangularization revisited: Variability of age at death within human populations," *Demography* 36(4): 475-495.
- 1999 Axel Skytthe, Bernard Jeune, and J.R. Wilmoth. "Age validation of the oldest man." In: Bernard Jeune and James W. Vaupel (eds.), *Validation of Exceptional Longevity*, Odense, Denmark: Odense University Press, pp. 173-188.
- 1999 J.R. Wilmoth. "Comment on A. R. Thatcher, 'The long-term pattern of adult mortality and the highest age attained.'" *Journal of the Royal Statistical Society A* 162(1): 40.
- 1999 J.R. Wilmoth and Shiro Horiuchi. "Do the oldest old grow old more slowly?" In: Jean-Marie Robine, Bernard Forette, Claudio Franceschi, and Michel Allard (eds.), *The Paradoxes of Longevity*, Heidelberg: Springer-Verlag, pp. 35-60.
- 1998 Shiro Horiuchi and J.R. Wilmoth. "Deceleration in the age pattern of mortality at older ages." *Demography* 35(4): 391-412.
- 1998 J.R. Wilmoth. Double book review. [Henri Leridon and Laurent Toulemon, *Démographie: Approche statistique et dynamique des populations*, Paris: Economica, 1997; and Jean Bourgeois-Pichat, *La dynamique des populations: Population stables, semi-stables, quasi-stables*, Paris: Presses Universitaires de France, 1994.] *Population and Development Review* 24(4): 860-862.

- 1998 J.R. Wilmoth. "Is the pace of Japanese mortality decline converging toward international trends?" *Population and Development Review* 24(3): 593-600.
- 1998 J.R. Wilmoth. "The future of human longevity: A demographer's perspective." *Science* 280: 395-397, 1998. Letters and response, *Science* 281: 1611-1615.
- 1998 J.R. Wilmoth. "American mortality in international perspective: The evolution of relative rankings by age." Population Association of America, Annual Meeting, Chicago, April.
- 1997 J.R. Wilmoth. Book review. [Richard Lynn, *Dysgenics: Genetic Deterioration in Modern Populations*, Westport, CT: Praeger, 1996.] *Population and Development Review* 23(3): 663-666.
- 1997 J.R. Wilmoth. "In search of limits." In: Kenneth W. Wachter and Caleb E. Finch (eds.), *Between Zeus and the Salmon: The Biodemography of Longevity*, Washington, DC: National Academy Press, pp. 38-64.
- 1997 Shiro Horiuchi and J.R. Wilmoth. "Age patterns of the life table aging rate for major causes of death in Japan, 1951-1990." *Journal of Gerontology* 52A(1): B67-B77.
- 1996 J.R. Wilmoth, Axel Skyttthe, Diana Friou, and Bernard Jeune. "The oldest man ever? A case study of exceptional longevity." *The Gerontologist* 36(6): 783-788.
- 1996 J.R. Wilmoth. "Mortality projections for Japan: A comparison of four methods." In: Graziella Caselli and Alan Lopez (eds.), *Health and Mortality among Elderly Populations*, Oxford University Press, pp. 266-287.
- 1996 J.R. Wilmoth. Book review. [Vainö Kannisto, *Development of Oldest-Old Mortality, 1950-1990: Evidence from 28 Developed Countries*, Odense, Denmark: Odense University Press, 1994.] *Population Studies*, 50(1): 143-144.
- 1996 J.R. Wilmoth and Hans Lundström. "Extreme longevity in five countries: Presentation of trends with special attention to issues of data quality." *European Journal of Population* 12(1): 63-93.
- 1995 Shiro Horiuchi and J.R. Wilmoth. "The aging of mortality decline." Presented at the Annual Meetings of the Population Association of America (April) and the Gerontological Society of America (November).
- 1995 J.R. Wilmoth. "The Earliest Centenarians: A statistical analysis." In: Bernard Jeune and James W. Vaupel (eds.), *Exceptional Longevity: From Prehistory to the Present*, Odense, Denmark: Odense University Press, pp. 125-169.
- 1995 J.R. Wilmoth. "Are mortality projections always more pessimistic when disaggregated by cause of death?" *Mathematical Population Studies* 5(4): 293-319.
- 1995 J.R. Wilmoth. "Are mortality rates falling at extremely high ages? An investigation based on a model proposed by Coale & Kisker." *Population Studies* 49(2): 281-295.
- 1995 J.R. Wilmoth and Patrick Ball. "Arguments and action in the life of a social problem: A case study of 'Overpopulation,' 1946-1990." *Social Problems* 42(3): 318-343.
- 1994 J.R. Wilmoth. "Population issues. Perspectives: Past and present." *The American Enterprise* 5(5): 28-35+.
- 1994 J.R. Wilmoth. Book review. [David W. E. Smith, *Human Longevity*, New York: Oxford University Press, 1993.] *Population and Development Review* 20(2): 467-469.
- 1993 J.R. Wilmoth. "Computational methods for fitting and extrapolating the Lee-Carter model of mortality change." Technical report, Department of Demography, University of California, Berkeley.
- 1993 J.R. Wilmoth. "The demographer's crystal ball: How long will we live during the 21st century?" Bay Area Colloquium in Population, October.
- 1992 J.R. Wilmoth and Patrick Ball. "The population debate in American popular magazines, 1946-1990." *Population and Development Review* 18(4): 631-668.

- 1991 J.R. Wilmoth. "AIDS mortality in the United States: Ranking AIDS among the leading causes of death." Population Association America, Annual Meeting, Washington, D.C., March.
- 1990 J.R. Wilmoth. "Variation in vital rates by age, period, and cohort." In: Clifford C. Clogg (ed.), *Sociological Methodology*, Oxford: Basil Blackwell, Vol. 20, pp. 295-335.
- 1989 J.R. Wilmoth. "Fitting three-way models to two-way arrays of demographic rates." Research Report No. 89-140, Ann Arbor: Population Studies Center, University of Michigan.
- 1989 J.R. Wilmoth, Jacques Vallin, and Graziella Caselli. "Quand certaines générations ont une mortalité différente de celle que l'on pourrait attendre." *Population* 44(2):335-376. (Reissued in 1990 as "When does a cohort's mortality differ from what we might expect?", *Population: English Selection* 2: 93-126.)
- 1988 J.R. Wilmoth. *On the Statistical Analysis of Large Arrays of Demographic Rates*. Ph.D. dissertation. Department Statistics and Office of Population Research, Princeton University.