

# Warren C. SANDERSON

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## Academic CV

### A. Personal Information

Title: Ph.D.  
Current Position: **Professor**, Department of Economics, Department of History, State University of New York at Stony Brook  
**Senior Research Scholar**, World Population Program at the International Institute for Applied Systems Analysis (IIASA)  
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### B. Main Fields of Research

1. Demographic Economics
2. Demography
3. Economic Development

### C. Academic history and positions

#### EDUCATION AND ACADEMIC DEGREES AND POSITIONS

Since 1997	Professor, Department of History, State University of New York at Stony Brook
1993-1994	Visiting Professor of Domestic and International Relations, Woodrow Wilson School, Princeton University
Since 1992	Senior Research Scholar, World Population Program at the International Institute for Applied Systems Analysis (IIASA)
1990-1991	Visiting Research Scholar, The World Bank
Since 1989	Professor, Department of Economics, Department of History, State University of New York at Stony Brook
1981-1989	Associate Professor, Department of Economics, State University of New York at Stony Brook
1980-1981	Research Scholar, Task Leader, International Institute for Applied Systems Analysis
1980	Visiting Assistant Professor, Department of Economics, University of Utah
1974	Ph.D., Economics, Stanford University
1971-1980	Assistant Professor, Department of Economics, Stanford University
1971-1975	National Bureau of Economic Research, Inc., Stanford
1969-1971	National Bureau of Economic Research, Inc., New York
1964	B.S., Economics, University of Illinois, Urbana-Champaign

#### D. Books

Population in Asia, [with Jee-Peng Tan], Regional and Sectoral Studies Series, The World Bank, 1995.

Economic-Demographic Simulation Models: A Review of Their Usefulness for Policy Analysis, International Institute for Applied Systems Analysis, Laxenburg, Austria, 1980.

#### E. Books Edited

The End of World Population Growth in the 21<sup>st</sup> Century: New Challenges for Human Capital Formation and Sustainable Development [with Wolfgang Lutz and Sergei Scherbov], London, Earthscan, 2004.

Population and Environment: Methods of Analysis [with Wolfgang Lutz and Alexia Prskawetz], A Supplement to Vol. 28, 2002, *Population and Development Review*, New York, The Population Council, 2002.

Population, Development, and Environment on the Yucatan Peninsula: From Ancient Maya to 2030 [with Wolfgang Lutz and Leonel Prieto], International Institute of Applied Systems Analysis, Laxenburg, 2000.  
available at: [http://www.iiasa.ac.at/Admin/PUB/Catalog/PUB\\_PROJECT\\_POP.html?sb=3](http://www.iiasa.ac.at/Admin/PUB/Catalog/PUB_PROJECT_POP.html?sb=3)

Modeling Growing Economies in Equilibrium and Disequilibrium, [with A. Kelley and J. Williamson], Durham, N.C., Duke University Press, 1983.

#### F. Refereed Articles

“The Fertility of American Women Since 1920,” Journal of Economic History, vol. XXX, no. 1, March, 1970.

“Economic Models of Fertility: Some Examples and Implications,” [with R. J. Willis], New Directions in Economic Research, 51<sup>st</sup> Annual Report, National Bureau of Economic Research, Inc., New York, September, 1971.

“Does the Theory of Demand Need the Maximum Principle?” in P. A. David and M. W. Reder, eds., Nations and Households in Economic Growth: Essays in Honor of Moses Abramovitz, Academic Press, New York, 1974.

“On Two Schools of the Economics of Fertility,” Population and Development Review, vol. 2, nos. 3 and 4, September/December, 1976.

“The Effectiveness of Nineteenth-Century Contraceptive Practices: An Application of Microdemographic Modelling Approaches,” [with P. A. David], International Economic History Association, Seventh International Economic History Conference: Edinburgh, 1978, Papers on “B” Themes, Edinburgh: University of Edinburgh Press, 1978, pp. 60-70.

“Quantitative Aspects of Marriage, Fertility and Family Limitation in Nineteenth Century America: Another Application of the Coale Specifications,” Demography, vol. 16, no. 3, August, 1979, pp. 339-358.

“Herbert Gutman’s The Black Family in Slavery and Freedom, 1750-1925: A Cliometric Reconsideration,” Social Science History, vol. 3, nos. 3 and 4, October, 1979, pp. 66-85.

“A Nonutilitarian Economic Model of Fertility and Labor Force Behavior,” Revue Economique, vol. 31, no. 6, November, 1980.

“A Two-Sex General Equilibrium Marriage Model,” in A. Kelley, W. Sanderson, and J. Williamson, eds., Modeling Growing Economies in Equilibrium and Disequilibrium, Durham, N.C., Duke University Press, 1983, pp. 301-316.

“The Problems of Planning for the Expected: Demographic Shocks and Policy Paralysis,” in C. Reynolds and C. Tello, eds., Social and Economic Aspects of Relations Between the U.S. and Mexico, Stanford, Stanford University Press, 1983, pp. 277-298.

(Spanish language version: “Los Problemas De la Planecion Para Lo Esperodo: Los Choques Demograficos y la Paralisis De La Politica,” in C. Tello and C. Reynolds, La Relaciones Mexico, 1981, pp. 305-333.)

“A Behavioral Model of the Adoption of Protective Activities,” [with Howard Kunreuther and Rudolf Vetschera], Journal of Economic Behavior and Organization, vol. 6, 1985, pp. 1-15.

“Rudimentary Contraceptive Methods and the American Transition to Marital Fertility Control, 1855-1915,” [with P. A. David] in S. L. Engerman and R. E. Gallman, eds., Long-Term Factors in American Economic Growth, National Bureau of Economic Growth, Studies in Income and Wealth, Chicago, University of Chicago Press, 1986, pp. 307-390.

“The Emergence of a Two-Child Norm among American Birth Controllers,” [with P. A. David], Population and Development Review, vol. 13, no. 1, March, 1987, pp. 1-41.

“Below-Replacement Fertility in Nineteenth Century America,” Population and Development Review, vol. 13, no. 2, June, 1987, pp. 305-313.

“Are User Fees Regressive: The Welfare Implications of Health Care Financing Proposals in Peru,” [with P. Gertler and L. Locay], Journal of Econometrics, vol. 36, October, 1987, pp. 67-88.

“Cuotas A Los Usuarios De Los Servicios De Salud. Analisis Sus Efectos Potenciales En El Peru,” [with P. Gertler and L. Locay] Bol. of Sanit. Panam., vol. 103, no. 6, December, 1987, pp. 635-655.

“Cohort Parity Analysis: Statistical Estimates of the Extent of Fertility Control,” [with P. David, T. Mroz, D. Weir, and K. Wachter]. Demography, vol. 25, no. 2, May, 1988, pp. 163-188.

“Measuring Marital Fertility Control With CPA,” [with P. David]. Population Index, vol. 54, no. 4, Winter, 1988, pp. 691-713.

“Cohort Parity Analysis and Fertility Transition Dynamics: What Can Be Discovered About the Diffusion of Fertility Control from a Single Fertility Census?” [with P. David], Population Studies, November, 1990, pp. 421-445.

“Simulation Models of Demographic, Economic, and Environmental Interactions” in Wolfgang Lutz *et al.* eds. Population, Development, Environment: Understanding Their Interactions in Mauritius. Berlin: Springer-Verlag, 1994,. pp. 33-71.

“Predictability, Complexity, and Catastrophe in a Collapsible Model of Population, Development, and Environmental Interactions,” Mathematical Population Studies,. vol. 5, no. 3, 1995, pp. 259-279.

“Slow-Fast Dynamics in Wonderland,” [with A. Milik, A. Prskawetz, and G. Feichtinger], Environmental Modelling and Assessment, vol. 1,2, 1996, pp. 3-17.

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“World Population Scenarios for the 21<sup>st</sup> Century,” [with W. Lutz, S. Scherbov, and Anne Goujon], in W. Lutz, ed. The Future Population of the World: What Can We Assume Today?, 2<sup>nd</sup> edition, Earthscan Publications Ltd.: London, 1996, pp. 361-396

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“The End of World Population Growth” [with W. Lutz and S. Scherbov]. *Nature*. vol. 412, Aug. 2, 2001, pp. 543-545 {plus supplementary information on the web}.

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“An Easily Understood and Intergenerationally Equitable Normal Pension Age.” 2015 [with Sergei Scherbov] In *The Future of Welfare in a Global Europe*, edited by Bernd Marin, 193–220. Farnham, UK: Ashgate Publishing, Ltd.

“Faster Increases in Human Life Expectancy Could Lead to Slower Population Aging.” 2015 [with Sergei Scherbov] *Plos One* 10 (4): UNSP e0121922.  
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