

MIRON L. STRAF

Research Interests

The use of statistics and research for public policy, government statistics, confidentiality protection and uses of data for research.

Education

	Location	Major	Degree & Year
Undergraduate institution	Carnegie Mellon University	Mathematics	1964, B.S.
Graduate institutions	Carnegie Mellon University	Mathematics	1965, M.S.
	The University of Chicago	Statistics	1969, PhD

Appointments

Present	Visiting Scholar, Social and Decision Analytics Laboratory, Virginia Bioinformatics Institute, Virginia Tech, National Capital Region
1999-2015	Deputy Director, Division of Behavioral and Social Sciences and Education, National Academy of Sciences (NAS)
2000-2001	Senior Staff Associate for Planning, Directorate for Social, Behavioral and Economic Sciences, National Science Foundation, (on leave from NAS)
1999	Visiting Scholar, Bureau of Transportation Statistics, U.S. Department of Transportation, and Institute for Conflict Analysis and Resolution, George Mason University, (on leave from NAS)
1974-1999	Committee on National Statistics, National Academy of Sciences Director 1987-99, Research Director 1978-87, and Research Associate 1974-77
1977-1978	Lecturer in Statistics, The London School of Economics and Political Science
1977	Senior Visiting Research Fellow, United Nations Environment Programme, University of London
1969-1974	Assistant Professor, Department of Statistics, University of California, Berkeley

Honors

President of the American Statistical Association, 2002.
American Association of Public Opinion Research Innovator's Award (with Thomas B. Jabine, Judith M. Tanur, and Roger Tourangeau) for work on cognitive aspects of survey methodology having a "catalyzing effect on research on survey measurement," 2005.

Related Professional Activities

Developed and organized over 50 major studies and over 40 conferences in the application of statistics to public policy that have led to published reports. Member, Joseph P. Kennedy, Jr. Foundation committee to study the epidemiology of mental retardation in Sweden, 1981-82; member, National Academy of Sciences delegation of social scientists to the Soviet Academy of Sciences, 1990; fellow, Royal Statistical Society; member, International Statistical Institute (elected 1985), International Association for Official Statistics, Washington Statistical Society,

and Association for Public Policy Analysis and Management. Author of 38 humorous articles published as a regular column in *Chance* magazine, 1988-98.

Selected Publications

- “Government Statistics,” entry in *The International Encyclopedia of the Social and Behavioral Sciences*, First Edition, Pergamon Press, 2001, Second Edition, Elsevier, 2015
- Furthering America’s Research Enterprise* (with Richard F. Celeste and Ann Griswold, co-eds.), National Academies Press, 2014
- Principles and Practices for a Federal Statistical Agency* (with Margaret E. Martin, co-ed.), National Academy Press, 1993. Second edition in 2001, third edition in 2005, fourth edition in 2009 (with Margaret E. Martin and Constance F. Citro, co-eds.), fifth edition in 2013 (with Constance F. Citro, co-ed.)
- Using Science as Evidence in Public Policy* (with Kenneth Prewitt and Thomas A. Schwandt, co-eds.), National Academies Press, 2012
- “Information and Statistical Data: A Distinction with a Difference” (with Norman M. Bradburn), The Eleventh Morris Hansen Lecture, *Journal of Official Statistics*, 2003
- “Understanding and evaluating statistical evidence in litigation” (with Stephen E. Fienberg and Samuel Krislov), *Jurimetrics*, 1995
- “The Committee on National Statistics: Fostering interactions between statisticians in academia and government” (with Stephen E. Fienberg and Margaret E. Martin), *International Statistical Review*, 1995
- The Future of Meta-Analysis* (with Kenneth W. Wachter, co-ed.), Russell Sage Foundation, 1990
- Sharing Research Data* (with Stephen E. Fienberg and Margaret E. Martin, co-eds.), National Academy Press, 1985
- Cognitive Aspects of Survey Methodology* (with Thomas B. Jabine, Judith Tanur, and Roger Tourangeau, co-eds.), National Academy Press, 1984.
- “Risk assessment in environmental decision making,” *Proceedings of the Sixth Symposium on Statistics and the Environment, The American Statistician*, 1982
- “Revenue allocation by regression: National Health Service appropriations for teaching hospitals,” *Journal of the Royal Statistical Society*, 1981
- “Lexical storage and retrieval: A developing skill?” (with Jean Aitchison), *Linguistics*, 1981
- “Ultraviolet radiation as a cause of cancer” (with E. L. Scott), *Origins of Human Cancer*, Cold Spring Harbor Laboratory, 1977
- “Weak convergence of stochastic processes with several parameters,” *Proceedings of the Sixth Berkeley Symposium on Mathematical Statistics and Probability*, 1972

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