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ACADEMIC HISTORY:

- 1949—1953 Swarthmore College. B.A., June 1953
Major: Psychology, Minors: Mathematics, Philosophy
- 1953—1957 Stanford University. Ph.D., September 1957
Major: Psychology, Outside concentration: Statistics
- Summer, 1957 Participant in Social Science Research Council Institute on
Applications of Mathematics in Social Science Research, Stanford University
- 1957—1958 Indiana University. National Science Foundation Postdoctoral
Research Fellow in Psychology
- 1973—1974 University of California, Berkeley, Visiting Scholar, Department of Statistics
(Recipient of Social Science Research Council Research Training Fellowship)

OCCUPATIONAL HISTORY:

- 1958—1977 University of Kansas
Assistant Professor to Professor, Department of Psychology
- Winter, 1964—1965 University of Munich, Germany
Visiting Lecturer, Department of Psychology
- 1975—1976 University of California, Davis
Visiting Professor, Department of Mathematics
- 1976—1977 University of California, Berkeley
Visiting Professor, Department of Statistics
- 1977—1981 University of California, Berkeley
Lecturer, Department of Statistics
- 1981—1995 University of California, Berkeley
Senior Lecturer, Department of Statistics
- 1995—1997 Educational Testing Service
Principal Research Scientist and Coordinating Director,
Large-Scale Assessment Group, Statistics and Psychometrics Research
- 1997— University of California, Berkeley
Senior Lecturer Emerita, Department of Statistics

OTHER ACADEMIC ACTIVITIES

Faculty Supervisor of introductory psychology program for 3 years: Supervised approximately 8 graduate students teaching two classes each.

Chairperson (1972) of Board which developed the first Affirmative Action Plan for the University of Kansas.

Initiator (in 1977) and **Faculty Supervisor** (1977-1990) of a drop-in statistical consulting service provided by the University of California, Berkeley, Department of Statistics. Consultants are advanced graduate students, from 4-8 each term.

Statistics Editor (1970-1974) of *Computer Studies in the Humanities and Verbal Behavior*.

Associate Editor (1980-1985, 1990-2013) of *Journal of Educational and Behavioral Statistics*, orig. *Journal of Educational Statistics*.

Editor (1986-1989) of *Journal of Educational Statistics*.

Associate Editor (1983-1985) of *Psychometrika*.

Reviewer (1979-) for *Mathematical Reviews*.

Elected to Board of Trustees of Psychometric Society (1982-1984, 1992-1995, 1997-1999).

Member of Board of Directors (1984-1986) of the American Statistical Association.

Statistical Consultant (1980s) on various grants connected with the Intergenerational Studies project, Institute of Human Development, University of California, Berkeley.

Member of Planning Committee for American Statistical Association 1989 Winter Conference (representative of the Social Statistics Section).

Member of Educational Testing Service Visiting Panel on Research (1987-1989).

Elected Fellow of the American Statistical Association (August, 1988).

Elected Fellow of the Association for Psychological Science (1988).

Member of a three-person visiting committee (1989) to evaluate the graduate program of the Department of Measurement, Statistics, and Evaluation, College of Education, University of Maryland.

Representative-at-large (1988-1990) of the Caucus for Women in Statistics.

Appointed to American Statistical Association Committee on Women in Statistics (1991-1996).

Appointed as member (1991-1995) of the National Assessment of Educational Progress Design and Analysis Committee.

Appointed to American Statistical Association Committee on Fellows (1991-1995).

Appointed to Institute of Mathematical Statistics Nominations Committee (1991-1992).

Elected to the Electorate Nominating Committee (1992-1995, 1999-2002) Section U (Statistics), American Association for the Advancement of Science.

Elected Fellow of the American Association for Advancement of Science (1992).

NSF-ASA Fellow (Jan.-June 1993) at National Center for Education Statistics.

Consultant (1993) to the Joint Policy Board for Mathematics Committee on Professional Recognition and Rewards.

Appointed to Harvard Department of Statistics Visiting Committee (1993-1996, 1996-1999).

President (1994) of Caucus for Women in Statistics.

Elected Member and Chair (1994-2000) of Editorial Council, Psychometric Society.

Chair (1996-1999,1999-2002) of the American Statistical Association representatives to sections of the American Association for the Advancement of Science, and representative to Statistics section.

Appointed a Member (1996-) of the Defense Advisory Committee on Military Personnel Testing, U.S. Department of Defense.

Member of organizing committee of first International Conference on Multiple Comparisons, Tel Aviv, Israel, June 1996.

Appointed to Editorial Board (1996-2002) of *Psychological Methods*.

Appointed (1998-2000) to the Advisory Panel for Methodology, Measurement, and Statistics; Division of Social, Behavioral, and Economic Research, National Science Foundation.

Elected ordinary member of the International Statistical Institute (1997)

Appointed (1999-2001, 2002-2004) member of American Statistical Association Committee on Professional Ethics.

Appointed (1999-) member of Outreach Evaluation Advisory Panel, University of California Office of the President.

Received (2004) the second Florence Nightingale David award, given bi-annually by the Committee of Presidents of Statistical Societies to "a female statistician who serves as a role model to other women by her contributions to the profession through excellence in research, leadership of multidisciplinary collaborative groups, statistics education, or service to the professional societies."

Appointed (2005) Institute of Education Sciences Statistics and Modelling Review Panel.

Appointed (2006-2008) Associate Editor of *The American Statistician*.

Appointed (2006-2008) Associate Editor of *Psychological Methods*.

Appointed (2006) One of six Program Leaders of the 2006 Summer Program on Multiplicity and Reproducibility in Scientific Studies, Statistical and Applied Mathematical Sciences Institute, July 10-28, 2006.

Appointed (2006-2009) IMS representative to the COPSS F. N. David Award Committee.

Appointed (2007-) Technical Working Group, WestEd (a nonprofit agency working in educational research and development).

Designated (2008) Fellow of the American Educational Research Association.

Elected (2008-2010) Member-at-Large, Section U (Statistics), American Association for the Advancement of Science

Appointed (2009-) to Board of Consulting Editors, *Psychological Assessment* (an ASA Journal)

Appointed (2010-) to Editorial Board, *Statistics, Politics, and Policy* (a Berkeley Electronic Press Journal)

Appointed (2016-) Departmental (Statistics) Emeriti Representative

BIBLIOGRAPHY

BOOK REVIEWS:

- Shaffer, J.P. (1989). review of D.R. Cox and E.J. Snell, *Analysis of Binary Data*. Short Book Reviews, 9, 45.
- Shaffer, J.P. (1992). review of L.E. Toothaker, *Multiple Comparisons for Researchers*. Short Book Reviews, 12, 9.

PUBLICATIONS:

- Popper, J., & Atkinson, R.C. (1958). "Discrimination learning in a verbal conditioning situation." *Journal of Experimental Psychology*, 56, 21-25. (Also appeared as Technical Report No. 10, Office of Naval Research Contract Nonr 225 (17), July 15, 1957. Reprinted in *Stimulus Sampling Theory* (1967), eds. E. Neimark and W.K. Estes, San Francisco: Holden-Day.)
- Popper, J. (1959). "Mediated generalization." *Studies in Mathematical Learning Theory*, eds. R.R. Bush and W.K. Estes, Stanford, Calif.: Stanford Univ. Press.
- Shaffer, J.P. (1962). "Discrimination and mediated generalization in probability learning." *Journal of Experimental Psychology*, 64, 593-599.
- Shaffer, J.P. (1963). "Effect of different stimulus frequencies on discrimination learning with probabilistic reinforcement." *Journal of Experimental Psychology*, 65, 265-269.
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- Shaffer, J.P., & Sinnett, E.R. (1964). "A factor analysis of Hall and Lindzey's ratings of personality theories." *Acta Psychologica*, 22, 135-144.
- Shaffer, J.P. (1965). "Fisher's 'Power orientation and concept of self height in men': a comment." *Perceptual and Motor Skills*, 20, 459-460.
- Adamthwaite, M., & Shaffer, J.P. (1965). "Assimilation and attention in visual form perception." *American Journal of Psychology*, 78, 664-667.
- Shaffer, H.G., & Shaffer, J.P. (1966). "Job discrimination against faculty wives." *Journal of Higher Education*, 37, 10-15. Reprinted (abridged) in *The Education Digest* (1966), 31, 32-34.
- Shaffer, J.P. (1966). "Plural nouns or words ending in s: Identification of the response class in verbal conditioning experiments." *Psychological Record*, 16, 11-12.
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- Shaffer, J.P. (1971). "An exact multiple comparisons test for a multinomial distribution." *British Journal of Mathematical and Statistical Psychology*, 24, 267-72.
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- Shaffer, J.P. (1973). "Testing specific hypotheses in contingency tables: Chi-square partitioning and other methods." *Psychological Reports*, 33, 343-348.
- Shaffer, J.P. (1974). "Bidirectional unbiased procedures." *Journal of the American Statistical Association*, 69, 437-439.
- Shaffer, J.P., & Gillo, M.W. (1974). "A multivariate extension of the correlation ratio." *Educational and Psychological Measurement*, 34, 521-524.
- Lachman, R., Shaffer, J.P., & Hennrikus, D. (1974). "Language and cognition: Effects of stimulus codability, name-word frequency, and age of acquisition on lexical reaction time." *Journal of Verbal Learning and Verbal Behavior*, 13, 613-625.
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