

VITA

GEORGE SPERLING, UCI Distinguished Professor, Department of Cognitive Sciences, Department of Neurobiology and Behavior, and Institute For Mathematical Behavioral Sciences, University of California, Irvine

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Education: University of Michigan, B.S. Mathematics, 1955. Joint major in mathematics and biophysics. (Fulfilled requirements for *summa cum laude*.)

Award: Gomberg Chemistry Prize and Scholarship, 1953-54.

Memberships in collegiate honor societies: Phi Beta Kappa, Phi Eta Sigma, Phi Kappa Phi, Sigma Xi.

Columbia University, M.A. Psychology, 1956.

Harvard University, Ph.D. Psychology, 1959.

Professional Employment: Research Assistant in Biophysics, Brookhaven National Laboratories, Upton, New York, summer, 1955.

Research Assistant in Psychology, Harvard University, 1957-59.

Member Technical Research Staff, Acoustical and Behavioral Research Center, AT&T Bell Laboratories, Murray Hill, New Jersey: 1958 (summer); full-time, 1959-70; part-time, 1970-86.

Instructor in Psychology (part-time), Department of Psychology, Washington Square College, New York University, 1962-63.

Visiting Associate Professor, Department of Psychology, Duke University, Spring, 1964.

Adjunct Associate Professor, Department of Psychology, Columbia University, 1964-65.

Acting Associate Professor, Department of Psychology, University of California, Los Angeles, 1967-68.

Fellow of the John Simon Guggenheim Memorial Foundation, 1969-70. Award for a theoretical study of perception and short-term memory.

Honorary Research Associate, Department of Psychology, University College, University of London, 1969-70.

Professor of Psychology and Neural Sciences, Graduate School of Arts and Science, New York University, 1970-1992.

Visiting Professor, Department of Psychology, University of Western Australia, Perth, Western Australia. Summer, 1972.

Visiting Professor, Department of Psychology, U. Washington, Seattle, Summer, 1977.

Visiting Scholar, Department of Psychology, Stanford University, Stanford, California, Spring, 1984.

Visiting Scholar, Research Unit in Mathematical Behavioral Sciences, University of California, Irvine, California, Spring, 1991.

UCI Distinguished Professor, Department of Cognitive Sciences, Department of Neurobiology and Behavior, and member of the Institute For Mathematical Behavioral Sciences, University of California, Irvine. 1992-

Fellowships, elected positions, and memberships in professional societies and on boards:

American Academy of Arts and Sciences (Fellow, 1992).
American Association for the Advancement of Science (Fellow, 1980; Chairman, Psychology Section, 1990)
American Psychological Association (1959-1989. Fellow, Division 3, 1972, Fellow, Division 6, 1987; Distinguished Scientific Contribution Award, 1988)
American Psychological Society (Charter member, 1988-; William James Fellow)
Association for Research in Vision and Ophthalmology
Annual Interdisciplinary Conference (Founder and Organizer, 1975-)
Eastern Psychological Association (Board of Directors, 1982-85)
International Neural Network Society (Founding Member, Governing Board 1987-91; Helmholtz Award, 2004)
National Academy of Sciences (Elected, 1985)
Optical Society of America (Fellow, 1973; Edgar D. Tillyer Award, 2002)
Psychonomic Society (1965-)
Society for Computers in Psychology (Steering Committee, 1974-78, 1985-86)
Society of Experimental Psychologists (Elected, 1974; Howard Crosby Warren Medal, 1996)
Society for Mathematical Psychology (Executive Board, 1979-85; Chairman, 1983-84).
United States Air Force, Scientific Advisory Board (1988-92). Award and Medal for Meritorious Civilian Service (1993).
University of California, Irvine. 1998 Distinguished Faculty Lectureship Award for Research.
Vision Sciences Society (2001-).

Research interests: Psychophysical and brain-imaging investigations of human visual information processing: mathematical, neural-network, and computational models of the brain process involved in vision, attention, and short-term memory

Honors

American Academy of Arts and Sciences (Fellow, 1992).
American Association for the Advancement of Science (Fellow, 1980; Chairman, Psychology Section, 1990)
American Psychological Association (1959-1989. Fellow, Division 3, 1972, Fellow, Division 6, 1987; Distinguished Scientific Contribution Award, 1988)
Association for Psychological Science (Charter member, 1988-; William James Fellow)
Eastern Psychological Association (Board of Directors, 1982-85)
International Neural Network Society (Founding Member, Governing Board 1987-91; Helmholtz Award, 2004)
National Academy of Sciences (Elected, 1985)
Optical Society of America (Fellow, 1973; Edgar D. Tillyer Award, 2002)
Society for Computers in Psychology (Steering Committee, 1974-78, 1985-86)
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United States Air Force, Scientific Advisory Board (1988-92). Award and Medal for Meritorious Civilian Service (1993).
University of California, Irvine. 1998 Distinguished Faculty Lectureship Award for Research.

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