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Anton J. Carlson Lecturer, University of Chicago (1993)
Keynote Speaker, First Neuropharmacology Symposium, Washington (1993)
Nahum Lecturer, Yale University (1993)
McDowell Lecturer, Kings College London (1993)
Sherrington Lecturer, University of Liverpool (1994)
Distinguished Neuroscience Lecturer, Duke University (1995)
Grass Lecturer, Emory University (1995)
Neil Graham Lecturer, University of Toronto (February, 1996)
Neuroscience Distinguished Lecturer, University of Toronto (February, 1996)
Boehringer-Mannheim Lecturer, Miami Bio/Technology Symposium (February, 1996)
C. Ladd Prosser Lecturer, University of Illinois (March, 1996)
Sterling Winthrop Professorship, University of Kentucky (May, 1996)
University Lecturer, University of Texas Southwestern Medical Center (October, 1996)
Plenary Lecturer, Society of Neuroscience (November, 1996)
Plenary Lecturer, International Society of Autonomic Neuroscience (September, 1997)
George Bishop Lecturer, Washington University St. Louis (May 1998)
Plenary Lecturer, International Union of Pharmacological Sciences, Munich (July, 1998)
Trends in Neurosciences Lecturer, British Society for Neuroscience (April, 1999)
Grass Lecturer, Montreal Chapter of the Society for Neuroscience (April, 1999)
Martin Rodbell Lecturer, National Institute for Environmental Health Sciences (May, 1999)
Roger Eckert Lecturer, German Society for Neuroscience (May, 1999)
Harry van Dyke Lectureship, Columbia University (December, 1999)
Wellcome Lectureship, University of Illinois in Chicago (May, 2000)
Marian Koshland Lecturer, University of California, Berkeley (April 2001)
Robert Newcombe Lectureship, National Institute of Neurological Sciences (December 2001)
Fredric Fay Lectureship, University of Massachusetts (October 2002)
Lawrence R. Blinks Lecturer, Hopkins Marine Station, Stanford University (May 2004)
Record Lectureship and Award, Baylor University (March 2006)

Javits Investigator, NINCDS (1986-1993)
Fellow, American Association for the Advancement of Science
Kaiser Award for Outstanding and Innovative Teaching, Stanford University (1991, 1995, 1999)
Magnes Prize, Hebrew University, Jerusalem (1993)
Institute of Medicine of the National Academy of Sciences (1994)
Walter B. Cannon Memorial Award, American Physiological Society (April, 1996)
Member, Academia Sinica (July, 1996)
Member, National Academy of Sciences (May, 1997)
Member, American Academy of Arts and Sciences (April, 1998)
Charter Member, Biophysical Society (June, 1999)
Alan C. Beering Award, University of Indiana (October, 2000)
Faculty Award for the Stanford Asian American Association (May 2001)
Outstanding Scientist Award, Chinese Biophysicists Network (February 2002)
MERIT Award, National Institutes of Mental Health (July 2004)

Positions of public service (selected)

Editorial Board Member of the Journal of General Physiology, the Biophysical Journal, Circulation Research, Neuron, the Journal of Neuroscience, Current Biology, Learning and Memory, Neuropharmacology
Council Member of the Biophysical Society and Society of General Physiologists
Member, U.S. National Committee for the International Union of Pure and Applied Biophysics
President, Society of General Physiologists (1987-1988)
Member, Institute of Medicine Panel to Raise the Profile of Substance Abuse Research (1996)
Council Member, National Advisory Neurological Disorders and Stroke Council (January 1999-May 2002)
Section Chair, Neuroscience, American Association for the Advancement of Science (January 1999)
Section Chair, Neurobiology Section, National Academy of Sciences (April 2001)
Scientific Advisory Board, McKnight Foundation (April 2000-April 2002)
Grants Advisory Council, Beckman Foundation
Scientific Advisory Board, Howard Hughes Medical Institute (May 2002-December 2005)

Endowed Lectureships (selected)

Smith Kline French Lecturer, University College London
Distinguished Lecturer, Stanford University
Bass Lecturer, Vanderbilt University
Magisterial Lecturer, Capo Boi Symposium in Neuroscience
Sterling Lecturer, Columbia University
Keynote Speaker, University of Pennsylvania Society of Neuroscience (1988)
Lewis Conner Lecturer, American Heart Association (1989)
Daniel A. Nachshen Lecturer, University of Maryland (1989)
Hoechst Lecturer, Brain Research Association (1990)
University Lecturer, University of Texas Southwestern Medical Center (1991)
University Lecturer, Dalhousie University, Halifax (1992)
Keynote Speaker, Ion Channels Gordon Conference (1992)

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CURRICULUM VITAE

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Massachusetts Institute of Technology, S.B. 6/65, Electrical Engineering, Cambridge, MA

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Oxford University, D. Phil. 6/70, Biophysics, Oxford, England

Professional Experience:

George D. Smith Professorship in Molecular and Genetic Medicine, Department of Molecular and Cellular Physiology, Stanford University (August 1988 - present).

Co-Director, Neurosciences Institute at Stanford (2000- present)

Silvio Conte - National Institutes of Mental Health Center for Neuroscience Research (1991- 2001)

Founder and Chairman, Department of Molecular and Cellular Physiology, Stanford University (August 1988 - August, 1994).

Professor, Department of Physiology, Yale University School of Medicine (July 1979 - July 1988)

Associate Professor, Department of Physiology, Yale University School of Medicine (July 1974 - June 1979)

Assistant Professor, Department of Physiology, Yale University School of Medicine (June 1970 - June 1974)

Lecturing Fellow, Balliol College, Oxford (October 1969 - June 1970)

Weir Junior Research Fellow, University College, Oxford (October 1968 - June 1970)

Research student in Eaton Peabody Laboratory, Massachusetts Eye & Ear Infirmary (summer, 1966)

Honors and Awards (selected)

Rhodes Scholar (1966-1969)

Established investigator, American Heart Association (1974-1979)

Kenneth S. Cole Award for Contributions to Membrane Biophysics (1985)

Otsuka Award for Outstanding Research, International Society for Heart Research (1985)