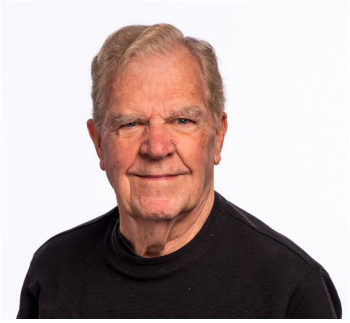


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Professional Experience:

1988-1993	Chair, Department of Chemistry, Princeton University
1985-	Professor of Chemistry, Princeton University
1982-1985	Director, Michigan Center for Catalysis and Surface Science
1979-1985	Professor of Chemistry, The University of Michigan
1976-1979	Associate Professor of Chemistry, The University of Michigan
1969-1976	Assistant Professor of Chemistry, The University of Michigan
1966-1969	National Institutes of Health Pre-doctoral Fellow, Columbia University
1965-1969	Columbia University Faculty Fellow

Education:

- Columbia University, Ph.D. 1969; Research with Prof. Ronald Breslow
- Massachusetts Institute of Technology, B.S. 1965; Research with Prof. Frederick Greene

Honors and Recognitions:

- Nichols Distinguished Lecturer, 1989; 2022
- Ritter Memorial Lecturer, Miami University, Oxford, Ohio, 2019.
- Kolthoff Lectureship, University of Minnesota, 2018.
- Ross Lectureship, Dartmouth University, 2018
- American Chemical Society National Award in Inorganic Chemistry, 2015
- Sigma-Aldrich Award in Inorganic Chemistry, Northwestern University, 2015
- Rayson Huang Prize and Lectureship in Chemistry, University of Hong Kong, 2015
- National Academy of Sciences, 2012 –
- Ira Remsen Award, American Chemical Society, 2010
- Hans Fischer Award in Porphyrin Chemistry, Hans Fischer Gesellschaft (Munich), 2010
- Keller Center Award for Innovation and Entrepreneurship, Princeton University, 2010
- Fellow of the Royal Society of Chemistry, 2009-
- Frontiers in Biological Chemistry Award, Max Planck Institute, 2009
- Grand Prix, Maison de la Chimie (Paris) Laureate, for contributions to mankind and nature, 2008
- National Science Foundation Extension Award for Special Creativity, 1990-1992; 2008-2011
- National Institute of General Medical Sciences, NIH, MERIT Award, 2007-2018
- Cady Distinguished Lecturer, University of Washington, 2007
- Distinguished Visiting Professor University of Hong Kong, 2003
- Distinguished Lecturer in Inorganic Chemistry, Northwestern University, 2000
- Abbott Distinguished Lecturer in Organic Chemistry, Colorado State University, 2000
- Alfred Bader Award in Bioorganic and Bioinorganic Chemistry, American Chemical Society, 1996
- Bergmann Lectureship, Yale University, 1997; Eli Lilly Distinguished Lecturer, Indiana University, 1997
- Fellow, Japan Society for the Promotion of Science, 1987 and 1997
- Fellow, American Academy of Arts and Sciences, 1993-
- Morris S. Kharasch Visiting Professor, University of Chicago, 1993
- Hugh Stott Taylor Chair of Chemistry, Princeton University, 1991-
- A. C. Cope Scholar Award, American Chemical Society, 1991
- Fellow, American Association for the Advancement of Science, 1984-

Professional Societies:

- American Chemical Society
- American Association for the Advancement of Science
- American Academy of Arts and Sciences
- New York Academy of Sciences
- Sigma Xi
- Phi Lambda Upsilon

Professional Activities:

- Member, Metallobiochemistry Study Section, National Institutes of Health, 1979-1983
- Selection Committee, National Science Foundation Workshops, 1984, 1985, 1989
- Contributing Author to the "Pimentel Committee" Report to Congress, 1985
- Board of Editors, *Bioorganic Chemistry,* 1983-1993
- International Advisory Board, Symposium on Homogeneous Catalysis, 1984-present
- US-USSR Joint Symposium and Workshop on Environmentally Related Catalysis, Moscow, 1985, US Organizer
- National Advisory General Medical Sciences Council, ad hoc Consultant, 1986
- DOE Evaluation Committee - Lawrence Berkeley Laboratory, 1986
- International Advisory Committee, International Symposium on the Activation of Dioxygen and Homogeneous Catalytic Oxidations, 1988-98
- Editorial Board, *Reaction Kinetics and Catalysis Letters*, 1989-present
- Visiting Committee, Vanderbilt University, Program in Toxicology, 1989-92
- Visiting Committee, Department of Chemistry, University of Chicago, 1990.
- Visiting Committee, University of California, Irvine, Graduate Science Program, 1992.
- American Chemical Society, Selection Committee for ---- Award, 1989-1992; 2010-2012.
- Board of Editors, *Bioorganic and Medicinal Chemistry*, 1993-2005
- Board of Editors, *Bioorganic and Medicinal Chemistry Letters*, 1993-2005
- Board of Editors, *Inorganic Chemistry*, 1994-1997
- Chairman, Metals in Biology Gordon Research Conference, 1994
- Member, Physical Biochemistry Study Section, NIH, 1995
- Board of Editors, *Journal of Biological Inorganic Chemistry*, 1995-2000
- Board of Editors, *Journal of Inorganic Biochemistry*, 2006-present
- Co-chair, 10th International Symposium on Homogeneous Catalysis, Princeton University, 1996
- Member, Metallobiochemistry Study Section, NIH, 1999, 2002
- Member, Council of the Society for Biological Inorganic Chemistry, 1998-2002
- Chair, ACS Canvassing Committee for the Ronald Breslow Award, 2001-3
- Member, Special Study Section, NIH 2004, 2006
- Chair, NIH Special Emphasis Panel on Bioorganic and Synthetic Chemistry, 2005
- Co-Chair, ACS-NSF Committee and Workshop on the Molecular Basis of Life Processes, 2004-5
- External Examiner in Chemistry, University of Hong Kong, 2003-6
- Member MSFA Study Section, NIH 2006-7.
- Founder and Principal Scientist, HepatoChem LLC, 2009-present
- Founder and Principal Scientist, Fluoromic Technologies LLC, 2015-present
- Founder and scientific advisory board member, Sóliome Inc., 2021-present