

PROFESSIONAL EXPERIENCE

2019-	James and Mary Wertsch Distinguished University Professor and Chancellor Emeritus
1995-2019	Chancellor and Professor of Chemistry, Washington University in St. Louis
1990-1995	Provost, Massachusetts Institute of Technology
1989-1995	Ciba-Geigy Professor of Chemistry, MIT
1987-1990	Head, Department of Chemistry, MIT
1981-1989	Frederick G. Keyes Professor of Chemistry, MIT
1977-1995	Professor of Chemistry, MIT
1976-1977	Associate Professor of Chemistry, MIT
1972-1976	Assistant Professor of Chemistry, MIT

AWARDS

Honorary Professor, Xidian University, Xi'an China, 2019
Honorary Doctor of Philosophy Degree from The Interdisciplinary Center Herzliya, 2019
Honorary Doctor Degree of Natural Science, Chinese Minister of Education and Fudan University, 2010
Right Arm of St. Louis Award, Regional Chamber and Growth Association, 2010
Honorary Doctorate of Humane Letters, Harris-Stowe State University, 2009
St. Louis Citizen of the Year, St. Louis Post Dispatch, 2007
Honorary Doctorate of Humane Letters, Florida State University, 2007
Honorary Professor, Shandong University, Jinan, China, 2002
Elected a Member of the American Philosophical Society, 2001
Honorary Member, Association of Alumni and Alumnae of MIT, 1995
Distinguished Alumni Award, California Institute of Technology, 1992
American Chemical Society Award in Inorganic Chemistry, 1988
Elected a Fellow of the American Academy of Arts and Sciences, 1988
School of Science Teaching Prize, MIT, 1987
Elected a Fellow of the American Association for the Advancement of Science, 1986
Fresenius Award, Phi Lambda Upsilon, 1984
E.O. Lawrence Memorial Award, Department of Energy, 1983
New York Academy of Sciences Halpern Award in Photochemistry, 1983
Honorary Doctor of Science, University of West Florida, 1983
MacArthur Prize Fellow, 1983-1988
Alumni Award, "Grad Made Good," Florida State University, 1982
Chemistry Graduate Teaching Award, MIT, 1981
American Chemical Society Award in Pure Chemistry, 1981
Dreyfus Teacher-Scholar Grant Recipient, MIT, 1975-1980
Alfred P. Sloan Research Fellowship, MIT, 1974-1976
Herbert Newby McCoy Award, California Institute of Technology, 1972
Monsanto Chemistry Award, Florida State University, 1969

PRINCIPAL RESEARCH INTERESTS

Inorganic photochemistry, catalysis, photoelectrochemistry, surface chemistry, molecular electronics

PUBLICATIONS and PATENTS

More than 300 research articles, one co-authored book, two edited symposium volumes, 16 patents, and consulting editor for four editions of a major freshman chemistry text

EDUCATION

Florida State University, Tallahassee, Florida, B.S. in Chemistry with Honors, 1969
Undergraduate research thesis directed by Professor Jack Saltiel: *Mechanisms of Photosensitized Isomerization and the Nature of Energy Transfer from Photoexcited Molecules*
Member of Phi Beta Kappa, Phi Eta Sigma, Phi Kappa Phi

California Institute of Technology, Pasadena, California, Ph.D. in Chemistry, 1972
Graduate research under the direction of Professors George S. Hammond and Harry B. Gray:
Photoprocesses in Metal Containing Molecules
Member of Sigma Xi