



## PROFESSIONAL EXPERIENCE

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| 2019-     | James and Mary Wertsch Distinguished University Professor and Chancellor Emeritus            |
| 2023-     | President Emeritus, The George Washington University   |
| 2024 -    | Washington University Ambassador for International Strategy                                  |
| 2022-2023 | President, The George Washington University (while on sabbatical from Washington University) |
| 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