Richard N. Zare: Curriculum Vitae

BIOGRAPHICAL INFORMATION

Born:	Cleveland, Ohio, November 19, 1939
Married:	Susan Shively Zare
Children:	Bethany Jean; Bonnie Sue; Rachel Amdur

EDUCATION AND PROFESSIONAL EXPERIENCE

1961	B.A. (Chemistry and Physics), Harvard University
1961-1963	Postgraduate work, University of California at Berkeley
1964	Ph.D. (Chemical Physics), Harvard University, (NSF Predoctoral Fellow)
1964-1965	Postdoctoral Research Associate, Joint Institute for Laboratory Astrophysics (JILA), University of Colorado
1965-1966	Assistant Professor, Department of Chemistry, Massachusetts Institute of Technology
1966-1968	Assistant Professor, Department of Physics and Astrophysics, University of Colorado
1968-1969	Associate Professor, Department of Physics and Astrophysics and Department of Chemistry, University of Colorado
1969-1977	Professor, Department of Chemistry, Columbia University
1975-1977	Higgins Professor of Natural Science, Columbia University
1977-	Professor, Department of Chemistry, Stanford University
1980-1985	Shell Distinguished Professor of Chemistry, Stanford University
1982	Christensen Fellow, St. Catherine's College, Oxford University
1984-1986	Stanford University Fellow
1985-	Fellow Adjoint, Joint Institute for Laboratory Astrophysics, University of Colorado
1987-	Marguerite Blake Wilbur Professor in Natural Science, Stanford University
1992-	Professor of Physics, Stanford University
2006-2010	Howard Hughes Medical Institute Professor, Stanford University
2006-2011	Chair, Department of Chemistry, Stanford University

HONORS AND AWARDS

2013	Honorary Doctorate, University of South Floriday, Tampa, Florida
2012	The International Science and Technology Cooperation Award of the People's Republic of China
2012	The World Academy of Sciences Lecture Medal
2012	The Torbern Bergman Medal, The Swedish Chemical Society, The Analytical Division
2011	Honorary Membership into the Japan Society for Analytical Chemistry (JSAC)

2011	Einstein Professorship of the Chinese Academy of Sciences
2011	King Faisal International Prize in Science (shared with George M. Whitesides)
2010	R. B. Bernstein Award in Stereodynamics (shared with R.D. Levine)
2010	Honorary Fellow of the Chinese Chemical Society
2010	BBVA Foundation Frontiers of Knowledge Award in the Basic Sciences category (shared with Michael E. Fisher)
2010	Priestley Medal, American Chemical Society
2010	Theodore William Richards Medal, Northeastern Section of the American Chemical Society
2009	Presidential Award for Excellence in Science, Mathematics, and Engineering Mentoring (PAESMEM), U.S. Office of Science and Technology Policy
2009	F. A. Cotton Medal for Excellence in Chemical Research, Texas A&M University, Department of Chemistry, and Texas A&M Section, American Chemical Society
2008	George C. Pimentel Award in Chemical Education, American Chemical Society
2007	H. Julian Allen Award, in recognition of co-authorship of "UV Irradiation of Polycyclic Aromatic Hydrocarbons in Ices: Production of Alcohols, Quinones, and Ethers," *Science* **283**, 1135-1138 (1999), NASA Ames Research Center
2007	Dudley R. Herschbach Award for Excellence in Research in the field of Collision Dynamics, Dynamics of Molecular Collisions Meeting, Santa Fe, New Mexico
2007	Honorary Doctorate, Chalmers Institute of Technology, Göteberg, Sweden
2006	Oesper Award, University of Cincinnati and Cincinnati Section of the American Chemical Society
2005	Chandler Medal, Department of Chemistry, Columbia University, New York, New York
2005	Pupin Medal "for service to the nation", Columbia University School of Engineering, New York, New York
2005	Wolf Prize in Chemistry, Israel
2005	Nichols Medal, New York Section of the American Chemical Society
2004	James Flack Norris Award for Outstanding Achievement in the Teaching of Chemistry, Northeastern Section of the American Chemical Society
2003	Laurance and Naomi Carpenter Hoagland Prize for Excellence in Undergraduate Education, Stanford University
2003	Honorary Doctorate, Université Paul Sabatier, Toulouse, France
2002	Distinguished Chemist Award, American Chemical Society Sierra Nevada Section

2002	Honorary Doctorate, Hunan University
2000-2001	California Separation Science Society (CaSSS) Scientific Achievement Award
2000	Madison Marshall Award, American Chemical Society, North Alabama
2001	Honorary Doctorate, D Univ, The University of York, York, UK
2001	Honorary Doctorate, State University of West Georgia
2001	Faraday Medal & Lectureship, Royal Society of Chemistry
2001	Charles Lathrop Parsons Award, American Chemical Society, "to recognize outstanding public service by a member of the American Chemical Society"
2000	Nobel Laureate Signature Award for Graduate Education, American Chemical Society
2000	Arthur L. Schawlow Prize in Laser Science, American Physical Society
2000	Doctor of Philosophy, honoris causa, Uppsala University, Uppsala, Sweden
1999	The Welch Award in Chemistry
1999	Doctor of Science, honoris causa, Columbia University, New York, New York
1999	E. Bright Wilson Award in Spectroscopy
1998	Distinguished Service Award, National Science Board
1998	Centennial Medal, Graduate School of Arts and Sciences, Harvard University
1998	G. M. Kosalapoff Award, Auburn Section, American Chemical Society
1998	ACS Award in Analytical Chemistry
1997	Eastern Analytical Symposium Award for Outstanding Achievements in the Field of Analytical Chemistry
1997	Allan V. Cox Medal for Faculty Excellence Fostering Undergraduate Research, Stanford University
1997	NASA Exceptional Scientific Achievement Award
1997	Phi Beta Delta (Honorary Member)
1997	California Scientist of the Year
1996	The Bing Fellowship Award, "to recognize excellence in teaching and commitment to undergraduate education"
1995	ACS Division of Analytical Chemistry Award in Chemical Instrumentation
1993	Dannie-Heineman Preis, Akademie der Wissenschaften zu Göttingen
1993	Doctor of Science, Honorary Degree, Eidgenössische Technische Hochschule Zürich, Switzerland
1993	The Pauling Award, Puget Sound, Oregon and Portland Sections of the American Chemical Society
1993	The Harvey Prize, Technion, Israel Institute of Technology
1993	Doctor of Science, Honorary Degree, Northwestern University

1991	National Academy of Sciences Award in Chemical Sciences, for "pioneering laser-based techniques, deep insights, and seminal contributions, which have influenced every facet of chemical reaction dynamics"
1991	Peter Debye Award in Physical Chemistry, American Chemical Society
1990	Willard Gibbs Medal, Chicago Section, American Chemical Society
1990	Doctor of Science, Honorary Degree, University of Arizona
1990	ISCO Award for Significant Contributions to Instrumentation for Biochemical Separations
1987	Dean's Award for Excellence in Teaching, Stanford University
1986	Kirkwood Award Medal, Yale University, New Haven Section of the American Chemical Society
1986	Michelson-Morley Award, Case Institute of Technology, Case Western Reserve University
1985	Irving Langmuir Prize, American Physical Society, for "seminal innovations in developing many experimental and theoretical processes"
1985	Harrison Howe Award, Rochester Section, American Chemical Society
1985	Remsen Award, Maryland Section, American Chemical Society
1984	Evans Award, The Ohio State University
1983	National Medal of Science, for "seminal contributions to molecular spectroscopy, photochemistry, and chemical reaction dynamics, especially for his incisive theoretical methods and the development of the experimental technique of laser-induced fluorescence"
1983	Spectroscopy Society of Pittsburgh Award
1981	Earle K. Plyler Prize, American Physical Society
1979	Michael Polanyi Medal, presented at the Faraday Discussions of the Chemistry Society, Birmingham, England
1974	Fresenius Award, given by Phi Lambda Upsilon Honorary Chemical Society to the most outstanding chemist under age 35
1967-1969	Alfred P. Sloan Fellowship
1961	Phi Beta Kappa

MEMBERSHIPS, COMMITTEES, BOARDS, ETC.

2014	Member, Board of Trustees Committee, Stanford University
2012	Member, Advisory Board, School of New Sciences, DGIST, Daegu, South Korea
2012	Honorary Professorship, Shanghai Jiao Tong University (SJTU)
2012	Chair, COSEPUP (Committee on Science, Engineering, and Public Policy) of the National Academy of Sciences, the National Academy of Engineering, and the Institute of Medicine
2011	Member, Executive Committee, Board of Directors, Wonderfest, Inc.
2010	Chair, International Evaluation Committee, National Science Foundation

	of China
2009	Fellow, TWAS, Academy of Sciences for the Developing World
2009	Fellow, American Chemical Society
2008	Honorary Fellow, Indian Academy of Sciences
2008	Fellow, Michelle R. Clayman Institute for Gender Research
2008	Fellow, Association for Women in Science
2007	Honorary Fellow, Chemical Research Society of India (CRSI)
2007	Advisor, Camille and Henry Dreyfus Foundation
2006	President, Molecular Frontiers Foundation
2006	Senior Presidential Advisor, Hunan University
2006	Chair, Academic Advisory Committee, Biomedical Engineering Center, Hunan University
2006	Professor of Biomedical Engineering Center, Hunan University
2006-2008	Faculty Affiliate, Michelle R. Clayman Institute for Gender Research
2004	Member of the European Academy of Sciences
2004	Foreign Member, Swedish Royal Academy of Engineering Sciences (IVA)
2004	Foreign Member, Chinese Academy of Sciences (CAS)
2004	Honorary Member, The World Jewish Academy of Sciences
2001	Honorary Fellow, Royal Society of Chemistry
1999-2001	Foreign Council Member, Institute for Molecular Science (Japan)
1999	Foreign Member, Royal Society (London)
1997-2000	Chairman, President's National Medal of Science Selection Committee
1997	Fellow, California Council on Science and Technology
1995-1998	Council Member, National Academy of Sciences
1992-1995	Chair, Commission on Physical Sciences, Mathematics, and Applications, National Research Council
1996-1998	Member, National Science Board, 1992-1998; Chairman, National Science Board
1992-1995	Vice-Chair of Board of Directors, Annual Reviews, Inc.; Chairman of the Board of Directors, Annual Reviews Inc., 1995-
1991	Honorary Fellow, California Academy of Sciences
1991	Fellow, Optical Society of America
1991	Member, American Philosophical Society
1989-1992	Member, Government-University-Industry Research Roundtable of the National Academy of Sciences
1987	Chairman, Panel on Basic Science and Technology Centers, National Academy of Sciences
1985-1987	Member, Directed Energy Weapons study panel, American Physical Society
1985	Fellow, American Association for the Advancement of Science

1985-1986	Chairman, Division of Chemical Physics (DCP) American Physical Society Vice-Chairman, 1984-1985
1983-1985	Member, Committee on Atomic and Molecular Science (CAMS), National Research Council
1982-1985	Editor, Chemical Physics Letters
1980-1982	Chairman, National Science Foundation Advisory Panel (Chemistry Division)
1976	Member, National Academy of Sciences
1976	Member, American Academy of Arts and Sciences
1969	Fellow, The American Physical Society
1969	Non-Resident Fellow, Joint Institute of Laboratory Astrophysics Member, The Chemical Society (London)

Editorial Advisory Boards:
Chemistry World
Honorary Board member of Physical Chemistry and Chemical Physics (PCCP)
Analytical Sciences
Angewandte Chemie
Central European Journal of Chemistry
ChemPhysChem
Chemical Physics
Chemical Physics Letters
Molecular Physics
Journal of Separation Sciences
Chinese Journal of Chromatography
Current Science
Brainwave
Chromatography

Previously on Board of Editors:
The Journal of Molecular Spectroscopy
Science
Cambridge University Press
Applied Physics
Accounts of Chemical Research
Analytical Chemistry
Chemical & Engineering News
The Journal of Chemical Physics
The Journal of Physical Chemistry
Optics Letters

Scientific Advisory Boards:

Pufendorf Institute, Lund University, Lund, Sweden
International Advisory Board of the State Key Laboratory of Physical Chemistry of Solid Surfaces (PCOSS), Xiamen, China
Hybrid Vigor Institute
Fluidigm
Eksigent, Inc.
Pharmacyclics, Inc.
Prolinx, Inc.
Cepheid, Inc.
Picarro
Wonderfest
Advisory Council for Chemistry at Oxford
Electronic Nobel Museum/Young Scholars Program

Previously on Scientific Advisory Board:
Faraday Transactions
Quanta-Ray
Miller Institute
Affymax, Inc.
IBM

NAMED LECTURESHIPS

2014	Pegram Lectures, Brookhaven National Laboratory, Upton, New York
2014	Fred M. Weissman Lecture in Analytical Chemistry, University of South Carolina, Columbia, South Carolina.
2014	Wilhelm Jost Memorial Lectures, Freie Universität, Berlin; Gottfried Wilhelm Leibniz Universität, Hannover; Georg-August-Universität, Göttingen, Germany
2014	Centenary Lecture, Indian Institute of Science (IISc), Bangalore, India
2014	2014 CV Raman Lecture, Indian Association for the Cultivation of Science (IACS), Kolkata, India
2014	Bangalore Science Forum, Bangalore, India
2014	Visva-Bharati University, Santiniketan, India
2014	Homi Bhabha Lecture, Tata Institute for Fundamental Research (TIFR), Mumbai, India
2014	King Abdullah University of Science and Technology (KAUST), Saudi Arabia
2013	Heaven and Earth Distinguished Lectures, Nanjing Univerisity, China
2013	James S. Plant Distinguished Lecture, Hamilton College, Clinton, New York
2013	Plenary Lecture, Wu Chien-Shiung Science Summer Camp, Xitou, Taiwan

2013 New Biology Distinguished Lecture, DGIST, Daegu, South Korea
2013 Jackson Lecture, University of Florida, Gainesville, Florida
2013 Martin Lecture, University of South Florida, Tampa, Florida
2013 Svedberg Lecture, Uppsala University, Uppsala, Sweden
2013 Linnett Visiting Professor Lectureship, Department of Chemistry, University of Cambridge, Cambridge UK
2013 Lady Margaret Lecture, Christ's College, University of Cambridge, Cambridge, UK
2013 Department of Chemical Engineering, Tsinghua Unviersity, Beijing, China
2013 Department of Chemistry, Beijing Institute of Technology, Beijing, China
2013 Shipley Lecture, Department of Chemistry, Clarkson University
2013 Teickmann Lecture, SUNY Buffalo
2012 ISIC Seminar, Ecole Polytechnique Fédérale de Lausaunne, Switzerland
2012 Jean Dreyfus Boissevain Lecture, Bucknell University, Lewisburg, PA
2012 Izatt-Christensen Lecturer, Bringham Young University
2011 Plenary Lecture, Recent Trends in Spectroscopy and Dynamics of Chemical Systems, University of Hyderabad
2011 Plenary Lecture, Celebration of Chemistry @ IITK, Indian Institute of Technology Kanpur
2011 Plenary Lecture, The Third Asian Spectroscopy Conference, Science and Art Center of Xiamen University
2011 Wynne-Jones Memorial Lecture, University of Newcastle
2011 Plenary Lecture, IUPAC International Congress on Chemical Sciences, Kyoto, Japan
2011 Salomon Bochner Lecture, Scientia, Rice University
2011 The Thirtieth Annual Barnett Lectureship, Northeastern, The Barnett Institute of Chemical and Biological Analysis
2011 NSF Distinguished Lecture Series in Mathematical and Physical Sciences
2011 The 22nd Annual Frontiers in Chemistry Symposium, The Scripps Research Institute
2011 Plenary Lecture, Year of Chemistry, Uppsala University
2010 Plenary Lecture, 45º Congreso Mexicano de Química y 29º Congreso Nacional de Educación Química, Riviera Maya, Quintana Roo, Mexico
2010 Wolf Prize Foundation Laureate Lecture, International Symposium "Frontiers in Photon Science", University of Manchester
2010 Oakley R. Vail Lectures, Wake Forest University
2010 Plenary Lecture, International Conference on Chemical Education, Taipei, Taiwan
2010 Global Vision Lecture, Tsinghua University, Beijing, China
2010 Plenary Lecture, 15th General Assembly, Chinese Academy of Sciences, Beijing, China

2010	Plenary Lecture, 4th International Symposium on Bioanalysis, Biomedical Engineering and Nanotechnology, Changsha, China
2010	C.R. Mueller Memorial Lecture, Purdue University
2010	Plenary Lecture, Academia Sinica, Taipei, Taiwan
2010	Plenary Lecture, Isranalytica, Tel Aviv, Israel
2009	MTSU Distinguished Lecture, Middle Tennessee State University
2009	NanQiang Lecture, Xiamen University, Xiamen, China
2009	Rajiv Gandhi Science and Technology Lecture, Bangalore, India
2009	Dr. Emily Davis and Dr. Homer C. Weed Lecture, Department of Chemistry and Biochemistry, University of Arizona
2009	A. R. Gordon Distinguished Lectures Series, University of Toronto, Toronto, Canada
2009	Abbott Chemistry Lectures, University of North Dakota
2009	Phyllis Johnson Patrick Lecture, Kansas State University
2009	Platinum Jubilee Lecture, Indian Academy of Sciences, Bangalore University, Bangalore, India
2008	Robert S. Mulliken Lecture, University of Georgia
2008	Leland Wilson Endowed Lecture, University of Northern Iowa
2008	Frank Whitmore Lecture, The Pennsylvania State University
2008	Helen Murray Free Endowed Lecture, University of Wooster
2008	Plenary Lecture, 10th National Symposium, Chemical Research Society of India, Bangalore, India
2007	William A. Chupka Lectureship in Physical and Theoretical Chemistry, Yale, University
2007	The Arnold C. Ott Lectureship in Chemistry, Grand Valley State University
2007	3M/Ronald A. Mitsch Lecture in Chemistry, Hamline University
2007	18th Leopold Marcus Lecture, Department of Chemistry, Washington University in St. Louis
2007	Nobel Laureates 2007 Beijing Forum on Energy and the Environment, Beijing, China
2007	Plenary Lecture, Ninth Annual Beckman Scholars Symposium, Irvine, California
2007	Roberts Lecturer, University College, London, UK
2007	Distinguished Frontiers Speaker, The University of Toledo
2007	Ritter Memorial Lectures, Miami University of Ohio
2007	Keynote Speaker, Honors Week Celebration, Kent State University
2007	Morino Lectures, University of Tokyo and Kyoto University, Japan
2006	Plenary Speaker, New Zealand Institute of Chemistry Conference, Rotorua, New Zealand
2006	Sir Neil Waters Distinguished Lectureship, Massey University, Palmerston North, New Zealand
2006	Michael Faraday Lecture, Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore, India

2006 Oesper Lecture, University of Cincinnati
2006 Mission Bay Seminar, University of California at San Francisco
2006 Cal Giddings Lecture, University of Utah
2006 Keynote Lecture, Biennial Conference on Chemical Education (BCCE), Purdue University
2006 Plenary Lecture, International Workshop on Bioanalytical Chemistry and Biomedical Engineering, Hunan University, Changsa, China
2006 Distinguished Zhang Dayu Lecture, Dalian Institute of Chemical Physics, Chinse Academy of Sciences, Dalian, China
2006 Lectures in Modern Chemistry, Department of Chemistry, University of British Columbia, Vancouver, BC, Canada
2006 Spring Colloquium Speaker, Department of Chemistry & Biochemistry, University of Washington
2006 Frontiers in Chemical Research Lecturer, Texas A & M University
2006 G. Wilse Robinson Lecturer, Texas Tech University
2006 Vessman Lecture, Chalmers University, Göteborg, Sweden
2006 Plenary Speaker, Photon Science Institute Launch, University of Manchester, Manchester, UK
2006 Purves Lecturer, McGill University, Montreal, Canada
2005 Plenary Speaker, Federation of Analytical Chemistry and Spectroscopy Societies (FACCS), Quebec City, Canada
2005 Plenary Speaker, ScotCHEM Launch, Edinburgh, Scotland
2005 Plenary Speaker, CONNECT 2005, 12th Royal Australian Chemical Institute (RACI) National Convention, Sydney, Australia
2005 PECRUM Lecturer (Perspective on Chemistry Research at the University of Michigan)
2005 Keynote Speaker, Atlanta Undergraduate Research Alliance (AURA)
2004 Arthur D. Little Lecturer, MIT
2004 William E. Mahoney Lecturer, University of Massachusetts Amherst
2004 Mitchum E. Warren, Jr. Lecturer, Department of Chemistry, Vanderbilt University
2004 Robert A. Jenkins Memorial Lecturer, Department of Chemistry, University of Wyoming
2004 Charles Herron Lecturer, Department of Chemistry and Biochemistry, Florida State University
2004 Noyes Lecturer, Department of Chemistry, University of Oregon
2003 Plenary Lecturer, Singapore International Chemistry Conference 3, Singapore
2003 S. Dexter Squibb Distinguished Lecturer, Department of Chemistry, University of North Carolina
2002 Haberman Lecturer, Department of Chemistry, Marquette University
2002 Samuel M. McElvain Seminar, Department of Chemistry, University of Wisconsin-Madison
2002 George Gamow Memorial Lecture, University of Colorado at Boulder
2001 L. Carroll King Memorial Lectures, The Department of Chemistry, Northwestern University

2001	R. T. Majors Lecturer, The Department of Chemistry, University of\ Connecticut
2001	Flygare Memorial Lecturer, Department of Chemistry, University of Illinois at Urbana-Champaign
2001	Faraday Lecturer, Royal Society of Chemistry
2000	Hirschmann Lecturer, Oberlin College
2000	Carr Lecturer, Department of Chemistry, Coe College
2000	Manuel G. Menendez Memorial Lecturer, Department of Physics and Astronomy, University of Georgia
2000	Anderson Lecture, Department of Physics and Astronomy, Denison University
2000	The Timothy J. O'Leary, S. J. Distinguished Scientist Lecturer, The Science Departments of Gonzaga University
1999	Lyle Ramsay Dawson Lecturer, Department of Chemistry, University of Kentucky
1999	S. C. Lind Lecture, East Tennessee Section of the American Chemical Society
1999	Charles M. Knight Lecturer, Department of Chemistry, The University of Akron
1999	The O. K. Rice Lecturer, Department of Chemistry, The University of North Carolina at Chapel Hill
1999	The Lloyd B. Thomas Chemistry Scholars Lecturer, Department of Chemistry, University of Missouri
1999	The Joe L. Franklin Memorial Lecture, Department of Chemistry, Rice University
1998	Harry Emmett Gunning Lecturer, Department of Chemistry, University of Alberta
1998	Clifford C. Hach Lecturer, Department of Chemistry, University of Wyoming
1998	Barre Lecturer, University of Montreal, Canada
1998	Kosalopoff Lecturer, Auburn University
1998	Centenary Lecturer, Royal Society of Chemistry
1998	Anson L. Clark Memorial Lecturer, University of Texas at Dallas
1998	Billings Distinguished Lecturer, Montana State University
1997	Claude Worthington Benedum Foundation Lecturer, West Virginia University
1997	Robert Maurer Lecture, Department of Physics, University of Arkansas
1997	Frank G. and Jean M. Chesley Lectureship, Carleton College
1996	Jacob Bigeleisen Endowed Lecture, State University of New York Stony Brook
1996	Gooch-Stephens Lectureship, Baylor University
1996	DuPont Distinguished Speaker, Indiana University
1996	G.B. Kistiakowsky Lecturer, Harvard University
1996	Alexander M. Cruickshank Lecturer, Gordon Research Conference
1995	Leroy Eyring Lecturer, Arizona State University
1995	Velmer Fassel Lecturer, Iowa State University

1995 Richard C. Lord Lecturer, Massachusetts Institute of Technology
1995 Fred J. Robbins Lecturer, Pomona College
1995 Moses Gomberg Lecturer, University of Michigan
1995 Lemieux Lecturer, University of Ottawa
1994 Frederic LeRoy Conover Memorial Lecturer, Vanderbilt University
1994 Raymond Lemieux Lecturer, University of Ottawa
1994 Peter Smith Lecturer, Duke University
1993 Paul C. Cross Lecturer, University of Washington
1993 Linus Pauling Distinguished Lecturer, Oregon State University
1993 R.B. Bernstein Memorial Lecturer, UCLA
1993 Nalbandov Lecturer, University of Illinois
1992 George C. Pimental Lecturer, UC Berkeley
1992 Robert S. Mulliken Lecturer, University of Chicago
1991 Arthur D. Little Lecturer, Northeastern University
1991 J. T. Donald Lecturer, McGill University
1991 Frederick Kaufman Lecturer, University of Pittsburgh
1991 Peter A. Leermakers Symposium Lecturer, Wesleyan University
1991 Russell Marker Lecturer in the Chemical Sciences, Pennsylvania State University
1991 Ernest H. Swift Lecturer, California Institute of Technology
1990 Amy/Mellon Lecturer, Purdue University
1990 Distinguished Scientists Lecturer, Trinity University
1989 E. K. C. Lee Lecturer, University of California at Irvine
1989 Geoffrey Frew Fellow, Australian Academy of Sciences
1989 Max T. Rogers Lecturer, Michigan State University
1989 Joel Broberg Lecturer in Chemistry, North Dakota State University
1989 Gustavson Lecturer, University of Denver
1989 Kennedy Lecturer, Washington University, St. Louis
1989 John Albert Southern Lecturer, Furman University
1989 Distinguished Visiting Lecturer, University of Texas at Austin
1988 Procter and Gamble Lecturer, University of Illinois at Champaign- Urbana
1988 Xerox Lecturer, Simon Fraser University
1988 Marvel-Monsanto Lecturer, University of Arizona
1988 Appleton Lecturer, Brown University
1987 Walter J. Chute Distinguished Lecturer, Dalhousie University
1987 Edgar Fahs Smith Lecturer, University of Pennsylvania
1987 Charles A. McDowell Lecturer in Chemical Physics, University of British Columbia
1986 Weizmann Memorial Lecturer, Weizmann Institute, Rehovot, Israel
1986 Kirkwood Lecturer, Yale University, New Haven Section of the American Chemical Society
1986 Friend E. Clark Lecturer, West Virginia University
1986 Michelson-Morley Lecturer, Case Western Reserve University
1986 Fritz London Memorial Lecturer, Duke University
1986 Merck Distinguished Lecturer, Rutgers University

1986	"Frontiers of Science" Distinguished Visiting Professor, University of Florida
1985	Camille and Henry Dreyfus Lecturer, Dartmouth College
1985	Davis Lecturer, University of New Orleans
1985	Priestley Lecturer, Pennsylvania State University
1985	Coover Lecturer, Iowa State University
1985	Francis E. Blacet Lecturer, University of California at Los Angeles
1984	Plenary Lecturer, Lasers '84
1984	John E. Willard Lecturer, University of Wisconsin
1984	Evans Lecturer, Ohio State University
1984	"Frontiers in Chemical Research" Distinguished Lecturer, Texas A&M University
1983	Distinguished Scientist Lecturer, University of Arizona
1983	ICPEAC Plenary Lecturer, XIII International Conference on the Physics of Electronic and Atomic Collisions, Berlin, Germany
1983	William Draper Harkins Lecturer, University of Chicago
1983	Falk-Plaut Lecturer, Columbia University
1982	Dreyfus Scholar in Residence, Hope College
1982	Venable Lecturer, University of North Carolina
1982	Albert W. Noyes Lecturer, University of Texas at Austin
1982	Jeremy Musher Memorial Lecturer, Hebrew University
1982	Guggenheim Lecturer, Reading University
1982	Hinschelwood Lecturer, Oxford University
1981	Research Scholar, Drew University
1981	University Professor, University of Arkansas
1981	Honor Lecturer in Chemistry, Arizona State University
1980	McGregory Lecturer, Colgate College
1980	Baker Lecturer, Cornell University
1980	Kolthoff Lecturer, University of Minnesota
1980	William Pyle Philips Lecturer in Chemistry, Haverford College
1979	Frank T. Gucker Lecturer in Chemistry, Indiana University
1979	Peter C. Reilly Lecturer, University of Notre Dame
1979	Francis Clifford Phillips Lecturer, University of Pittsburgh
1978	Distinguished Visiting Professor, Michigan State University
1977	Edward U. Condon Lecturer in Chemical Physics, University of Colorado
1977	Distinguished University Lecturer, University of Utah
1977	Sherwin Williams Lecturer, University of Illinois
1977	Frontiers in Chemistry Lecturer, Wayne State University
1976	Westinghouse Invited Lecturer in Chemistry, Pittsburgh, Pennsylvania
1976	FMC Lecturer, Princeton University
1975	Harold Herborg Nielsen Lecturer, Ohio State University
1972	Arthur D. Little Visiting Professor, Massachusetts Institute of Technology