

CURRICULUM VITAE

Judith Pollock Klinman

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Date of Birth: April 17, 1941
Place of Birth: Philadelphia, PA

EDUCATION

University of Pennsylvania (Chemistry), Philadelphia, PA	A.B.	1962
University of Pennsylvania (Physical Organic Chemistry)	Ph.D.	1966
Thesis Advisor: Dr. Edward R. Thornton		
Thesis Title: A Kinetic Study of the Hydrolysis and Imidazole-Catalyzed Hydrolysis of Substituted Benzoyl Imidazole in Light and Heavy Water		

LABORATORY APPOINTMENTS

Postdoctoral Fellow, Weizmann Institute of Science, Rehovoth, Israel	1966-1967
Affiliated with Dept. of Chemistry, University College, London, England	1967-1968
Postdoctoral Associate, The Institute for Cancer Research, Philadelphia	1968-1970
Research Associate, The Institute for Cancer Research, Philadelphia, PA	1970-1972
Assistant Member, The Institute for Cancer Research, Philadelphia, PA	1972-1977
Associate Member, The Institute for Cancer Research, Philadelphia, PA	1977-1978
Assistant Professor of Biophysics, University of Pennsylvania, Philadelphia, PA	1974-1978
Associate Professor of Chemistry, University of California, Berkeley, CA	1978-1982
Professor of Chemistry, University of California, Berkeley	1982-present
Professor of Molecular & Cell Biology, University of California, Berkeley	1993-present
Chair, Department of Chemistry	2000-2003
Hildebrand Distinguished Professor, University of California, Berkeley	2002-2003
Chancellor's Professor, University of California, Berkeley	1996-1999
	2009-2012

PROFESSIONAL SOCIETIES

American Chemical Society	1964-present
Sigma Xi	1966-present
American Society of Biochemistry and Molecular Biology	1972-present
Protein Society	1996-present
Biophysical Society	1996-present

FELLOWSHIPS AND AWARDS

Edgar Fahs Smith Scholar	1960-1962
National Science Foundation, Summer Predoctoral Fellow	1964
National Institutes of Health, Predoctoral Fellow	1964-1966
Weizmann Institute of Science, Postdoctoral Fellow	1966-1967
Guggenheim Fellow	1988-1989
Miller Professorship, University of California, Berkeley	1992,2003-2004
Merit Award, National Institutes of Health	1991-2001
American Academy of Arts and Sciences, elected	1993
Repligen Award, American Chemical Society	1994
National Academy of Sciences, elected	1994
Fellow of the Japanese Ministry of Science	1996
Honorary Ph.D. at the University of Uppsala, Sweden	2000
American Philosophical Society, elected	2001
David S. Sigman Lectureship Award, University of California, Los Angeles	2003
Remsen Award, Maryland Section of the American Chemical Society	2005
Honorary Ph.D. at the University of Pennsylvania	2006

Merck Award, American Society of Biochemistry and Molecular Biology	2007
Fellow, American Association for the Advancement of Science, elected	2007
Fellow of the Royal Society of Chemistry	2009
Fellow of the American Chemical Society	2011
I. Scott Medal in Biological Chemistry, Texas A&M University	2012
National Medal of Science	2014
Mildred Cohn Award in Biological Chemistry	2015

NAMED AND PLENARY LECTURESHIPS

Philips Lecturer, Haverford College, PA	1990
Dow Lectureship, University of Indiana, Bloomington, IN	1994
Mildred Cohn Lectureship, University of Pennsylvania, PA	1994
Alexander Cruickshank Lecturer, Gordon Research Conference	1995
Plenary Lecturer, American Society of Biochemistry and Molecular Biology	1995,2003
Plenary Lecturer, Protein Society	1995
Rosetta Briegel Barton Lecturer, University of Oklahoma	1998
Merck Lecturer, Rutgers University, NJ	1998
Marker Lecturer, Penn State University, PA	1998
Bigeleisen Lecturer, Stony Brook, NY	1999
Plenary Lecturer, ICBIC, Minneapolis, MN	1999
Lucy Pickett Lecturer, Mount Holyoke, NH	1999
Reilly Lecturer, University of Notre Dame, IN	2000
Distinguished Lecturer in Macromolecular and Cellular Structure and Chemistry, Scripps Institute, San Diego, CA	2000
Research Frontiers in Chemistry, University of Iowa	2001
British Biophysical Society Lecturer, Leeds University, UK	2002
Intl Conference on B6 and Quinones, Plenary Lecturer, Southampton, UK	2002
James D. and Julia P. Morrison Lecturer, Carleton College	2002
Intl Conference on Physical Org. Chemistry, Plenary Lecturer, San Diego	2002
Gunning Lecturer, University of Alberta, Edmonton	2003
Women Leaders in the Biosciences Lectureship, UCSF	2004
R. Gaurth Hansen Lectureship, Utah State University	2005
Keynote Lecturer, Symposium on Astrobiology, McQuarrie Univ., Sydney	2005
Richard L. Schowen Lecturer in Bioorganic Chemistry	2005
Chem. Comm. Lecturer of the Royal Society, Pacificchem, Honolulu, HI	2005
Boehringer Ingelheim Research Lecturer, University of British Columbia	2007
Keynote Lecturer (Inauguration of a new Max Planck program on Quantum Dynamics)	2007
University Lecturer, Juniata College, PA	2008
Plenary Speaker, Trends in Enzymology, St. Malo, France	2008
Frontiers in Chemistry, Texas A&M	2009
Distinguished Women in Science, Stanford University	2009
Closing Lecturer, European Symposium of the Protein Society, Zurich	2009
Lecturer, WINS Distinguished Lecture in Chemistry and Biochemistry, University of Texas, Austin	2009
Closing Lecturer, Methods in Protein Structure Analysis, Sweden	2010
Ross Lecturer, Dartmouth	2011
TY Shen Lecturer, Massachusetts Institute of Technology	2011
Isotopes 2011 Plenary Lecturer, Provence, France	2011
Australian Society for Biophysics, Plenary Lecturer	2011
Li Ka Shing Lecturer, China	2012
DeLuca Lecturer, University of California, San Diego	2013
Fritz London Lecturer, Duke University	2013
Peter Yates Lecturer, University of Toronto	2013
Danforth Lecturer, Grinnell College	2013
Women in Science Lecturer, Boston University	2016

INVITED TALKS AT CONFERENCES AND SYMPOSIA (other than Named or Plenary)

Gordon Research Conference on Enzymes, Co-enzymes and Metabolic Pathways	1973,1978,1981 1984,1988,1991, 1994,1998,2000, 2004,2010
Steenbock Symposia:	
Isotope Effects in Enzymology	1976
Enzyme Mechanisms	1998, 2003
Gordon Research Conference on Physics and Chemistry of Isotopes	1976,1979,1988, 1992,1998,2002, 2008,2010, 2014
Minnesota Section of the American Chemical Society	1979
Gordon Research Conference on Metals in Biology	1982,1997,2005, 2013, 2017
Gordon Research Conference on Protein Derived Cofactors	1990,1992,1995, 1997,1999,2004, 2006,2008,2010, 2012
Gordon Research Conference on Electron Donor-Acceptor Interactions	2012
American Society of Biochemistry and Molecular Biology	
Symposium on Isotope Effects	1982
Symposium on Enzyme Mechanism	1988
Symposium on Novel Cofactors	1990
Symposium on Enzyme Mechanism	1997
Symposium to honor Irwin Rose	2006
Symposium on Protein Dynamics	2007
Post-Translational Modification Conference	2008
American Chemical Society	
Symposium on Transition States	1982
Symposium on Hydrogen Transfer	1990,1995 2000,2005
Symposium on Tunneling	1993,2006
Repligen Symposium	1994,2006
Pfizer Symposium	2001
Symposium on Oxygen Activation	2007
Symposium on Novel Enzymatic Cofactors and Function (Chair)	2009
Symposium on 20 Years of Tunneling Pathways	2011
Presidential Symposium on Catalysis	2012
Symposium in Honor of Brian Hoffman (Alfred Bader Award)	2012
Symposium on Computational Chemical Dynamics	2015
Symposium on Protein Dynamics	2016
Symposium on Oxygen Activation	2016
Canadian Institute of Chemistry, Symposium on Metals in Biology	1983
International Chemical Congress of Pacific Basin Societies, HI	1984
Conference on Copper Proteins, Italy	1985,1990,1996
Fourth International Symposium on Oxidases, Portland, OR	1987
Structural Biology Symposium, Berkeley, California	1988
International Conference on Amine Oxidases, Italy	1988
International Conference on Amine Oxidases, Finland	1999
First International Congress on Quinoproteins, Netherlands	1988
Winter Enzyme Mechanism Conference	1989,1997,2003, 2007
International Symposium on Biological Oxidation Systems, Bangalore, India	1989
International Symposium on Oxygenases and Active O ₂ , Kyoto, Japan	1990
Second International Congress on Quinoproteins, Japan	1991
Symposium on Copper Coordination Chemistry, Baltimore, MD	1992
Protein Society Meeting	

Symposium on New Cofactors	1992
Symposium on Protein Dynamics	2000
Fifth Glaxo-UNC "Frontiers in Chemistry & Medicine" Symposium, NC	1993
Fourth European Symposium on Organic Reactivity, Newcastle, UK	1993
Ninth Harden Discussion Meeting, "Biological Electron & Proton Transfer", UK	1994
Second International Symposium on Vitamins and Biofactors, San Diego, CA	1995
International Conference on C-1 Microorganisms, San Diego, CA	1995
Tables Rondes Rousset UCLAF, Paris, France	1995
International Workshop on New Trends in Biocatalysis Research, Japan	1996
International Meeting on Hydrogen Transfer, Germany	1997
Biophysical Society	
Symposium on Enzyme Mechanism	1998
Symposium on Protein Dynamics	2006
Symposium to Honor Mo Cleland	2014
Earl and Theresa Stadtman Symposium, Philadelphia, PA	2000
Johnson Foundation Discussions, "40 Years of Tunneling in Biology", Phila PA	2001
2001 An Isotope Odyssey Series, Zakopane, Poland	2001
Panel Member, ACS Committee on Science-Special Session: "Diversity in the Top 50 Universities: The Challenge to Lead"	2001
29 th Reaction Mechanisms Conference, Ohio State University	2002
Meeting of IUPAC and Canadian Chemical Society	2003
Taiwan Bioinorganic Symposium	2003
Reaction Mechanisms VII, University College Dublin	2004
The Research Triangle Park Biochemistry & Enzymology Club 2 nd Symp.	2004
Gordon Research Conference on Bio-Organic Chemistry	2005
Symposium on Enzyme Dynamics, Ohio State University	2005
Royal Society Discussion Meeting on Hydrogen Tunneling, London	2005
Chemical Challenges for the 21 st Century, Sydney	2005
Agouron Institute Meeting on "O ₂ ", Santa Fe, NM	2006
Sanken Workshop on Nano-Bioscience, Berkeley	2007
Isotopes 2007, Spain	2007
QAMTS, Houston	2007
Protein Dynamics Workshop, New York	2008
Quantum Technology in Biological Systems, Singapore	2009
Frontiers in Chemical Biology, Bangalore, India	2009
22 nd Solvay Conference on Chemistry, Brussels, Belgium	2010,2013, 2016
EMBO: Catalytic Mechanisms by Biological Systems, Netherlands	2012
FEBS, St. Petersburg, Russia	2013
23 rd Solvay Conference on Chemistry, Brussels, Belgium	2013
CECAM Workshop, Paris	2014
EMBO Conference on Enzymology, Manchester	2014
Steenbock Symposium to honor WW Cleland, Madison WI	2014
Symposium to honor Izaak Maurits Kolthoff, Minneapolis, MN	2014
Buergerstock Conference, Switzerland	2016

EDITORIAL AND ADVISORY BOARDS

National Institutes of Health,	
Ad Hoc Biochemistry & Physical Biochemistry Study Sections	1977-1984
Ad Hoc Enzymology Study Section	2008
Reviewer of the Pioneer Awards	2009
Reviewer for Special Study Section	2010,2011
Reviewer for MIRA grants for Young Investigators	2016
<i>Journal of Biological Chemistry</i> , Editorial Board	1979-1984
American Chemical Society Monograph Series, Editorial Board	1980-1982
Mid-Winter Enzyme Mechanisms Conference	
Seventh Conference, Organizing Committee	1981
Eighth Conference, Organizer	1983
American Chemical Society, Biological Chemistry Division	

Executive Council	1982-1985
Chair, Nominating Committee	1986-1987
Program Chair	1992
American Society of Biochemists and Molecular Biologists	
Membership Committee	1984-1986
Nominating Committee	1986
Public Affairs Committee	1987-1993
Symposium Chair, Novel Cofactors	1989
Program Committee	1995
President-Elect	1997-1998
President	1998-1999
Past President	1999-2000
Nominating Committee	2008-2010
Committee on Status of Women	2011-
Awards Committee	2015-
National Institutes of Health, Physical Biochemistry Study Section	1984-1988
International Union of Biochemistry, Interest Group on Kinetics and Mechanisms of Enzymes and Metabolic Networks	1984
Gordon Conference on Enzymes, Coenzymes & Metabolic Pathways, Co-Chair	1989
<i>European Journal of Biochemistry</i> , Editorial Board	1991-1995
Sterling Winthrop Pharmaceuticals, Board of Scientific Advisors	1990-1994
<i>Biofactors</i> , Editorial Board	1991-1998
Fibromed, Board of Scientific Advisors	1992-1994
Advisory Board of the National Tritium Lab	1992-1995
<i>Biochemistry</i> , Editorial Board	1993-present
Gordon Conference on Isotopes in Biology and Chemistry	
Assistant Chair	1994
Chair	1996
Council of the Gordon Research Conferences	1994-1997
<i>Annual Review of Biochemistry</i> , Editorial Board	1995-2000
Advisory Board of the National Stable Isotopes Lab	1997-2000
Accounts of Chemical Research, Editorial Board	1995-1998
Current Opinions in Chemical Biology, Editorial Board	1997-present
Protein Society, Program Co-Chair	1998
Gordon Conference on Quinones and Redox Active Amino Acids, Asst. Chair	1999
Roche Diagnostics, Scientific Advisory Board	1999-2001
Mesilla Conference on Tunneling and Dynamics in Proteins, Co-Chair	2000
Chemical Record, Editorial Board	2000-present
Gordon Conference on Protein Derived Cofactors, Radicals & Quinones, Chair	2002
Advisory Board Member, Advances in Physical Organic Chemistry	2003-present
Editorial Board, Chemistry and Biodiversity	2004-present
Advisory Board for Program on Enzyme Dynamics, Albert Einstein Med. College	2005-2010
Organizing Committee of Agouron Institute Conference on O ₂	2006
Blue Ribbon Committee Member (to evaluate US/Israel Binational Science Prog)	2007-2008
Faculty of 1000, Section Head in Biocatalysis	2012-present
Retrotape, Board of Scientific Advisors	2012-present
UNIVERSITY SERVICE (selected from 1992):	
Member of the Chancellor's Advisory Committee on Biology	1992-1995
Environmental Health and Safety Committee, College of Chemistry	1992, 1993
Member of the Planning Committee, Department of Chemistry	1994, 1995, 1997- 1999, 2010-2011
Member of the Executive Committee, Interdepartmental NIH Training Grant in Molecular Biophysics	1996-2001
Chair, Search Committee for a Structural Biologist in the Department of Molecular and Cell Biology	1996
Member, Divisional Council of the Academic Senate	1997, 1998
Member, Chancellor's Committee on the Status of Women	1999

Member, Stanley Hall Replacement Committee	1999
Member, Chancellor's Task Force on the Recruitment of Women and Underrepresented Faculty	2000
Chair, Department of Chemistry	2000-2003
Member of Two-Person Committee to Evaluate University Child Care Services	2006
Chair, Graduate Life Committee	2008-2011
Recruitment Committee for Junior Faculty in Chemistry	2008
Committee to select QB3 Director for Berkeley Campus	2009
Member, Dept. of Chemistry Planning Committee	2011-present
Faculty Awards Committee	2015-present