

Jenny Pickworth Glusker

Curriculum Vitae

DATE: January 2011

PLACE OF BIRTH: Birmingham, England; U. S. Citizen

A. EDUCATION

Oxford University, Oxford, England Chemistry (first class honors) B.A.	1953
Oxford University, Oxford, England Chemistry M.A.	1957
Oxford University, Oxford, England Chemistry D.Phil.	1957
D.Phil. Thesis Title: "Crystallographic Studies of Vitamin B12 and Related Compounds"	
Supervisor: Dr. Dorothy C. Hodgkin	
Kirkaldy Prize (Somerville)	1951
Vernon Harcourt Scholarship and D. S. I. R. Grant, (Department of Scientific and Industrial Research, England)	1953

B. SCIENTIFIC POSITIONS AND EXPERIENCE

Postdoctoral Research Fellow, California Institute of Technology, Pasadena, CA	1955-1956
Research Fellow, The Institute for Cancer Research, Philadelphia, PA	1956
Research Associate, The Institute for Cancer Research, Philadelphia, PA	1957-1967
Assistant Member, The Institute for Cancer Research, Philadelphia, PA	1967
Associate Member, The Institute for Cancer Research, Philadelphia, PA (Member, 1977 to 1979)	1967-1979
Senior Member, The Institute for Cancer Research, Philadelphia, PA	1979-2003
Senior Member Emeritus (now Professor Emeritus) The Institute for Cancer Research, Philadelphia, PA	2003-date
Adjunct Professor of Biochemistry and Biophysics, University of Pennsylvania,	

Philadelphia, PA (1980 to date) plus earlier affiliated appointments

1969-date

C. SCIENTIFIC and PROFESSIONAL SOCIETIES

Sigma Xi

American Chemical Society

American Crystallographic Association

American Physical Society

American Association for the Advancement of Science

The American Society for Biochemistry and Molecular Biology

American Association for Cancer Research

Society of Crystallographers in Australia

The Protein Society

British Crystallographic Association

Royal Society of Chemistry (Member 2001)

D. COMMITTEES

University of Pennsylvania, Biophysics Graduate Group

1968 to date

Los Alamos National Laboratory, Los Alamos, NM

- PCS Advisory Board (external advisory committee for the DOE BER program and scientific advisory panel for beam time allocation) 2006 to date
- LANSCE Users Group (LUG) Executive Committee 2007 thru 2008

(LANSCE = Los Alamos Neutron Science Center, PCS = Protein Crystallography Station)

American Crystallographic Association

- Nominating Committee Member 1972, 1981
- Program Chairman, American Crystallographic Association
- Meeting, Pennsylvania State University, August 19-23 1974

- Editor, A.C.A. Newsletter, January 1, 1975 -1990 1975-1990
- Vice President 1978
- President 1979
- Past President 1980

National Institutes of Health

Biophysics and Biophysical Chemistry A Study Section,
(July 1, 1972 - June 30, 1976) 1972-1976

Biotechnology Resources Review Committee, Division of
Research Resources (July 1, 1977 - June 30, 1980)
(Chairman 1979-1980) 1977-1980

Metallobiochemistry Study Section (July 1983 - June 1987) 1983-1987
(also ad-1993 hoc member, June 1983) 1983

National Advisory Research Resources Council
(ad hoc member, June 1983) 1983

Pharmacology Study Section (ad hoc member, June 1984) 1984

Division of Research Grants Advisory Committee 1989-1992

Research Resources Council 1995-1999

U.S. National Committee for Crystallography

- Member, January 1, 1974 - December 31, 1976 1974-1976
- Secretary-Treasurer, January 1, 1977 - December 31, 1979 1977-1979
- Member, January 1 - December 31, 1980 1980
- Chairman, January 1, 1982 - December 31, 1984 1982-1984
- Member, January 1, 1988 - December 31, 1990 1988-1990

National Research Council, National Academy of Sciences

Panel on Research Associateships

- Chemistry 1975

American Institute of Physics

- Governing Board, A.C.A. Representative 1976-1979
- Advisory Committee, "Physics Today," Appt. 1977-1980
(Chairman, 1979-1980) 1977-1980
- Director-at-Large, Governing Board 1980-1983
- Executive Committee, Governing Board 1981-1982
- Member, Advisory Committee for the History of Physics 2003-2005

International Union of Crystallography

Commission on Crystallographic Teaching

Consultant 1978-1981, 1981-1984, 1993 to date 1978-1984

Member and Secretary 1984-1987 1984-1987

Chairman 1987-1990, 1990-1993 1987-1993

Commission on Crystallographic Nomenclature 1990-1996

U.S. Delegate, International Union of Crystallography Meeting

Warsaw, Poland 1978

Ottawa, Canada 1981

Hamburg, Germany (Chairman of U.S. Delegation) 1984

Perth, Australia 1987

Bordeaux, France 1990

Chairman, Summer School in Crystallography, IUCr Teaching

Commission, Tianjin, China, September 1988 1988

Chairman and Organizer, Winter School in Crystallography,

IUCr Teaching Commission, Bangkok, Thailand, 1990

February 1990

IUCr/OUP Bookseries Committee, International Union of Crystallography	1987 - 1996
International Council of Scientific Unions (ICSU)	
Committee on the Teaching of Science	1991-1993
Council of Scientific Society Presidents, Member	1978-1980
Selection Committees	
Member, Selection Committee, Philadelphia Section Award, American Chemical Society	1980-1982
Member, Selection Committee, Garvan Medal, American Chemical Society	1982-1985
Member, Fankuchen Award Committee, American Crystallographic Association	1988
Chairman, Rhodes Scholarship Selection Committee for Pennsylvania	1984-1989
Chairman, Patterson Award Committee, American Crystallographic Association	1996
Chairman, Buerger Award Committee, American Crystallographic Association	1999
Member, Trueblood Award Committee, American Crystallographic Association	2003
Member of a Selection Committee, American Chemical Society (committee name confidential)	2003-2004
Editorships and Editorial Boards	
Member, Editorial Board, "Biophysical Journal"	

Appts. 1981 thru 1983, 1984 thru 1986	1981-1986
Member, Editorial Advisory Board, "Accounts of Chemical Research", Appt. 1982 thru 1984, 1985 thru 1987	1982-1987
Joint American Co-editor, "Acta Crystallographica"	1987-1995
Member, Editorial Board "Structural Chemistry"	1988-2005
Member, Editorial Board "Receptor"	1989-2000
Editor, "Acta Crystallographica D," Biological Crystallography	1991-2003
Co-editor of Tenth Anniversary issue	2003
Member, Editorial Board, "Vitamins and Hormones"	1993-2002
 Chairman, Computer Graphics Laboratory Advisory Committee, University of California, San Francisco (Member 1985 - 1988)	 1988 to date
 Governing Board Member, Cambridge Structural Data Base, Cambridge, U.K., 1988 to 2001 Vice-Chairman, 1999 to 2001	 1988-2001
 Review Committees for American Cancer Society, Damon Runyon, and Veterans Administration Organizer and Chairman, "Asian Region Seminar in Crystallography in Molecular Biology" Madras, India, December 9-14, 1993 Co-organizer (with C. E. Bugg), Conference on "Structure-Based Drug Design" Panama City Beach, Florida, April 22-25, 1994 Director, Workshop on "X-ray Crystallography" at the 13th Biennial Conference on Chemical Education, Bucknell University, Lewisburg, PA, August 4-6, 1994 Co-organizer (with T. Mak), Summer School on Crystallography, The Chinese University of	

Hong Kong, Hong Kong, June 19-30, 1995

Lecturer (by invitation), American Crystallographic Association Summer Course in Crystallography, University of Georgia, Athens, GA, July 12-24, 1999, and June 8-20, 2001, and Indiana University of Pennsylvania, Indiana, PA, July 25 - August 4, 2004, July 10-19, 2006, July 7-16, 2008, June 22 - July 1, 2009, June 21-30, 2010, and Duquesne University, Pittsburgh, PA, July 9-18, 2007. Invited for 2011.

E. HONORS

Rosa Briegel Barton Lectureship, University of Oklahoma	1968
Philadelphia Section Award, American Chemical Society	1978
Garvan Medal, American Chemical Society	1979
Philips Lectureship, Haverford College, Haverford, PA	1983
Who's Who in Technology	1984
Honorary D.Sc., College of Wooster, Ohio	1985
Public Service Award, American Crystallographic Association	1991
Visiting Fellowship, Oriel College, Oxford, England	1994-1995
Hassel Memorial Lecture, Oslo, Norway	1995
Fankuchen Award, American Crystallographic Association	1995
Visiting Professorship, International Union of Crystallography. Suez Canal University, Ishmailia, Egypt	1997
Who's Who in America, of American Women, in the East, in Science and Engineering	1998 to date
Fellow of the American Association for the Advancement of Science	1999
Honorary Fellowship, Somerville College, Oxford, England (lifetime)	2001 to date
Who's Who in the World	2002 to date
Visiting Professorship, International Union of Crystallography. Kayseri University, Turkey	2006