

GERALD G. FULLER
PERSONAL AND PROFESSIONAL VITAE

BIOGRAPHICAL INFORMATION

Date of Birth: April 7, 1953.

Place of Birth: Washington, D.C.

EDUCATION

Ph.D., Chemical Engineering, California Institute of Technology, February 1980.

M.S., Chemical Engineering, California Institute of Technology, June 1977.

B.Sc., Chemical Engineering, University of Calgary, June 1975.

SCHOLARSHIPS AND HONORS

2017 Katz Lecture, Dept. Chemical Engineering, City College of New York

2016 General Secretary, International Committee on Rheology

2016 Bird, Stewart and Lightfoot (BSL) Lecture, Univ. Wisconsin

2016 Fellow, American Academy of Arts and Science (AAA&S)

2015 Milton van Dyke Award, Division of Fluid Mechanics, APS

2015 Fellow of The Society of Rheology

2015 Talbot Distinguished Lecture, University of Illinois at Urbana-Champaign

2014 Honorary Degree of Doctor of Philosophy of the University of Leuven, Belgium

2014 Doumas/Dow Distinguished Lecture, Virginia Tech University.

2012 Corresponding Member of the Russian and International Engineering Academy

2009 Distinguished Service Award, Society of Rheology.

2009 Associate Member, University of Wales Institute of Non-Newtonian Fluid Mechanics.

2009 Honorary Degree of Doctor of Philosophy of the University of Crete

2009 Journal of Rheology Publication Award for "Analysis of the magnetic rod interfacial stress rheometer" by Sven Reynaert, Carlton F. Brooks, Paula Moldenaers, Jan Vermant, and Gerald G. Fuller, Volume 52(1) pp. 261-285 (2008).

2008 Named one of the "One Hundred Engineers of the Modern Era" by the American Institute of Chemical Engineers (AIChE) marking the 100th Anniversary of the AIChE

2008-12, President of the International Committee on Rheology.

2006 Cox Medal for Excellence in Fostering Undergraduate Research.

2006 Named the Fletcher Jones II Professor of Engineering at Stanford University.

2006 Foreign Associate of the Moroccan Academy of Science and Technology.

2005 National Academy of Engineering.

2004 Julian C. Smith Lectureship in Chemical and Biomolecular Engineering, Cornell University.

2004 Pearson Lecturer in Chemical Engineering, UCSB.

2004-08 Chairman of the XVth International Congress on Rheology.

2003 Holtz Lecturer, Dept of Chemical Engineering, Johns Hopkins University.

1999-04 Visiting Professor, Dept. Mechanical Engineering, Kings College, London.

1999-01 President of the Society of Rheology.

1997 Bingham Medal Award, The Society of Rheology.

1993 Fellow of the American Physical Society.
1990 Theile Lecturer, Department of Chemical Engineering, Notre Dame University, October.
NSF Presidential Young Investigator Award 1985.
1975-79 National Research Council of Canada Postgraduate Scholarship.
Society of Chemical Industry Gold Key Award 1975.
1975 Association of Professional Engineers, Geologists and Geophysicists, Gold Medal in Chemical Engineering.
1974 Hudson's Bay Oil and Gas Gold Medal in Chemical Engineering.
1972 Dome Petroleum Scholarship in Chemical Engineering.
1971 Queen Elizabeth Scholarship.

WORK EXPERIENCE

August 1, 2008 to July 31, 2009 and September 1, 1996 - February 1, 2001
Chairman, Department of Chemical Engineering, Stanford University
October 1996 – 2001; 2008-2009
Professor, Department of Chemical Engineering, Stanford University
June 1996 - August 1996
Visiting Professor, University of Strasbourg, France
January 1994 - July 1994
Visiting Associate Professor, Ecole des Mines de Paris, Nice, France
July 1992 - August 1992
Visiting Scientist, Materials Science, E.P.F.L., Lausanne, Switzerland
June 1989 - September 1989
Visiting Scientist, Chemical Engineering, Katholieke Universiteit, Leuven, Belgium
October 1985 - September 1990
Associate Professor, Chemical Engineering, Stanford University
January 1987 - August 1987
Visiting Scientist, AT&T Bell Laboratories Murray Hill, New Jersey
October 1980 - September 1985
Assistant Professor, Chemical Engineering, Stanford University
February 1980 - September 1980
Visiting Scientist, Centre de Recherches sur les Macromolecules Strasbourg, France
October 1975 - February 1980
Teaching and Research Assistant, California Institute of Technology, Pasadena, California
May 1975 - September 1975
Research Assistant in Theoretical Chemistry, University of Calgary, Calgary, Alberta
May 1974 - September 1974
Assistant Engineer, Shell Canada Ltd., Calgary, Alberta
May 1973 - September 1973
Gas Plant Operator, Imperial Oil Ltd., Edmonton, Alberta
May 1972 - September 1972

Laboratory Assistant, ATCO Research and Development Calgary, Alberta

PROFESSIONAL ACTIVITIES

American Institute of Physics Publishing Partnerships Committee, 2013-present

Editorial Advisory Board, *Langmuir*, 2011 – present

Editorial Board Member, *Journal of Rheology*, 2012 - present

Advisory Board Member, International Committee on Rheology, 2012 – present

Advisory Committee for *Physics Today*, 2008 - 2014.

President, International Committee on Rheology, 2008-2012

Editorial Board Member for the *J. Polymer Science: Polymer Physics*, 2003 –2010.

Past President, Society of Rheology, 2001-2003.

President, Society of Rheology, 1999-2001.

Vice President, Society of Rheology, 1997-1999.

Chair, Local Arrangements Committee, Society of Rheology, 1998.

Panelist, NSF Career Grant Committee, 1997.

Member at Large, Executive Committee of the Society of Rheology, 1995 - 1997.

Member Twenty-eighth Senate of the Academic Council, Stanford University, 1995-1996.

Chair of the Technical Committee, Society of Rheology, 1995.

Panelist, NSF Workshop on Particle Science and Technology, 1993.

Member, Nominating Committee, Society of Rheology, 1989.

Member, Bingham Medal Award Committee, Society of Rheology, 1987 - 1989.

Editorial Board Member for the *Journal Rheologica Acta*, 1985 - present.

Member of the A.I.Ch.E., Society of Rheology, APS, ACS.