

Steven M. Weinreb

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Title: Russell and Mildred Marker Professor of Natural Products Chemistry

Birth Date: May 10, 1941

Birth Place: New York, NY

Education:

Cornell University, Ithaca, NY, A.B., 1963, Chemistry

University of Rochester, Rochester, NY, Ph.D., 1967, Chemistry

Columbia University, New York, NY, 1966-1967, Chemistry (Postdoctoral)

M.I.T., Cambridge, MA, 1967-1970, Chemistry (Postdoctoral)

Honors and Awards:

N.Y. State Regent Scholarship, 1959-1963

NIH Postdoctoral Fellowships, 1966-1967 (Columbia), 1967-1968 (M.I.T)

Alfred P. Sloan Foundation Fellowship, 1975-1979

NIH Research Career Development Award, 1975-1980

John Simon Guggenheim Memorial Foundation Fellowship, 1983-1984

American Chemical Society Arthur C. Cope Senior Scholar Award, 2005

Major Research Interests:

Total synthesis of natural products. Development of new synthetic methods. Heterocyclic chemistry. Cycloadditions and pericyclic reactions in synthesis.

Research and Professional Experience:

Interim Dean, Eberly College of Science, The Pennsylvania State University, July-September, 1998

Head, Department of Chemistry, The Pennsylvania State University, July, 1994- June, 1998

Russell and Mildred Marker Professor of Natural Products Chemistry, The Pennsylvania State University, 1987-present

Professor of Chemistry, The Pennsylvania State University, 1980-1987
Associate Professor of Chemistry, The Pennsylvania State University, 1978-1980
Associate Professor of Chemistry, Fordham University, 1975-1978
Assistant Professor of Chemistry, Fordham University, 1970-1975
Research Associate with George Buchi, MIT, 1967-1970 (NIH Postdoctoral Fellow)
Research Associate with Gilbert Stork, Columbia University, 1966-1967 (NIH Postdoctoral Fellow)
Graduate work with Marshall Gates, University of Rochester, 1963-1966

Other Professional Activities:

Ad hoc reviewer, NIH Medicinal Chemistry Study Section (June, 1979; February, 1981; October, 1983; June, 1985; March, 1996; February, 2000)
Ad hoc reviewer, NIH Special Study Sections (November, 1984; March, 1985; April, 1986; September, 1994; November, 1994; March, 1995; August, 1997; March, 2002; July, 2003; March, 2005 (Postdoctoral Fellowships))
Ad hoc reviewer, NIH Bioorganic and Natural Products Study Section (March, 1982)
Editorial Advisory Board, *Journal of Organic Chemistry*, 1980-1984
Editorial Advisory Board, *Current Medicinal Chemistry*, 1994-present
Advisory Editorial Board, *Progress in Heterocyclic Chemistry*, 1996-present
Editorial Board, *Archives of Pharmaceutical Research*, 1997-present
Co-Chairman, NSF Workshop on Organic Synthesis and Natural Products Chemistry, 1979-1981
National Cancer Institute Contract Panel, "Synthesis of Retinoids for Prevention of Epithelial Cancer," June 3, 1980
National Cancer Institute Special Review Committee, "Collaborative Chemoprevention Projects," March 17-18, 1986
National Science Foundation Research Experiences for Undergraduates (REU) Grant Review Panel, November 5-6, 1988
National Science Foundation Workshop on Environmental Chemistry, March 5-6, 1992
Short Courses Taught:
 Lederle Laboratories, American Cyanamid Corp. (March, 1975)
 Philadelphia Section - ACS (May, 1980)
 The Upjohn Company (October, 1984)
Consultant, Ortho Pharmaceutical Corp., 1983-1990

Consultant, Sterling Drug, Inc., 1990-1994

Member, NIH Medicinal Chemistry Study Section, 1990-1994

Selection Committee, ACS Roger Adams Award, 1990-1994

Senior Editor, *Journal of Organic Chemistry*, 1990-1997

President Elect, International Society of Heterocyclic Chemistry, 2000-2001

President, International Society of Heterocyclic Chemistry, 2002-2003

Immediate Past President, International Society of Heterocyclic Chemistry, 2004-2005

External Review Committee, Department of Chemistry, University of Kentucky, November 7-8, 2002

External Review Committee, Department of Chemistry, University of Arizona, September 16-17, 2004

Editor, Volumes 17 (2003) and 21 (2005), *Science of Synthesis, Houben-Weyl Methods of Molecular Transformations* (Georg Thieme Verlag)

Regional Editor, *Letters in Organic Chemistry* (Bentham Science Publishers), 2006-present