

Curriculum vitae of Michael L. Bender

Born December 31, 1943

Married to Yvette Mintzer, two children.

B.S. in Chemistry, Carnegie Institute of Technology, 1965.

Ph.D. in Geology, Columbia University, 1970. Major Professor: Wallace S. Broecker

Research Associate, Lamont-Doherty Geological Observatory of Columbia University, 1971-1972.

Lecturer part time, State University of New York at Stony Brook, 1971.

Assistant Professor of Oceanography, University of Rhode Island, 1972-1977, Associate Professor, 1977-1982, Professor, 1982-1997.

Professor of Geosciences, Princeton University, 1997-present.

Visiting Researcher, Centre des Faibles Radioactivities, CNRS-CEA, Gif sur Yvette, France, 1983-1984 and 1992-1993.

Committees:

DSDP Hydraulic piston coring working group, 1979-1980.

National Science Foundation oceanography advisory panel, 1979-1981.

Manganese Nodule Program Scientific Advisory Committee, 1978-1984; Executive Committee, 1979-1983; director, 1980-1982.

Global Ocean Flux Program Steering Committee, 1985-1987; Steering Committee corresponding member (1987-present); Benthic Working Group Chairman, 1986-1987; member of Upper Water Column working group and Atlantic and Pacific Planning Groups (1985-1990).

Associate Editor, Global Biogeochemical Cycles, 1986-1990, 1993-2004.

NSF Ice Core Working Group, 1990-1997.

FOCUS Steering Committee, 1997-1998.

National Institute of Global Environmental Change, New England Region, Management Committee. 1996-2001.

Visiting Committee, Earth, Atmospheric and Planetary Sciences Department, Massachusetts Institute of Technology, 1999-2008.

OCTET Steering Committee, 1999-2002.

NOAA CO₂ Observations Advisory Group (Chair), 1999-2001.

NRC Board on Atmospheric Science and Climate, 2004-2007.

Editorial Board member, Proceedings of the National Academy of Sciences, 2002-2006.

Long Term Ecosystem Research National Advisory Board, 2007-2010.

NRC Committee on New Research Opportunities in Earth Sciences, 2010-2012.

Editorial Board, The Sea

Member, American Geophysical Union, Geochemical Society

Lectureships:

H. Burr Steinbach lecturer, Woods Hole Oceanographic Institution (1982 and 1992)
Starr Lecture, MIT (2000)
Distinguished Atmospheric Sciences Lecture, U. C. Berkeley (2001)
CIRES Distinguished Lecture Series, University of Colorado (2002)
Distinguished lecturer, University of South Florida (2009)
Alumni Lecture, Lamont-Doherty Earth Observatory of Columbia University (2009)
Flint Lecturer, Yale University (2012)
Distinguished Lecturer, University of Texas at Austin (2013)

Honors:

Fellow, American Geophysical Union (1995)
Fellow of the Geochemical Society and the European Association of Geochemistry (1998)
Patterson Medal of the Geochemical Society (1998)
Member, National Academy of Sciences of the United States (2001)
Revelle Medal of the American Geophysical Union (2008)