

MARGARET A. TOLBERT

Distinguished Professor

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EDUCATION:

June 13, 1986	Ph.D. in Chemistry California Institute of Technology Pasadena, CA 91125
Dec. 17, 1985	M.S. in Chemistry University of California Berkeley, CA 94720
May 22, 1979	A.B. with Honors in Chemistry Grinnell College Grinnell, IA 50112

RESEARCH EXPERIENCE:

2010 – present	Distinguished Professor, Dept. of Chemistry and Biochemistry
1998 - present	Professor, Dept. of Chemistry and Biochemistry, Univ. Colorado
1991 - 1998	Associate Professor, Dept. of Chemistry and Biochemistry, CU
1990 - 1991	Leader, Atmospheric Chemistry Group, SRI International
1986 - 1991	Staff Scientist in the Chemistry Laboratory, SRI International
1983 - 1986	Research Assistant with Prof. J.L. Beauchamp at Caltech
1979 - 1983	Research Assistant with Prof. J.H. Clark at the University of California, Berkeley.

TEACHING EXPERIENCE AND COMMUNITY SERVICE:

2015-present	Air Chemistry, ATOC 3500 / CHEM 3151
1992-present	Atmospheric Chemistry, graduate level CHEM 5151
1992-present	Environmental Chem I and II, for non-science majors, CHEM 1011/1031
2005	Atmospheric Aerosol Discussions
June 1991, 93, 99	Lecturer, Summer Colloquia for students in the atmospheric sciences, ACD/Advanced Study Program, NCAR.
1988 - present	Presented 134 lectures at universities and conferences.
1986 - 1987	Consulting Assistant Professor, Stanford University

SELECTED HONORS AND AWARDS:

College Scholar Award, University of Colorado (2019)
Keynote Lecture, IGAC (2018)
NASA Group Achievement Award, MSL Extended Mission Science Team (2017)
Astrobiology High Impact Article (2016)
ACS Editor's Choice Award (2014)
Harold S Johnston Lecturer, UC Berkeley (2011)
Distinguished Professor, University of Colorado (2010)
Carnegie Capital Science Evening Lecturer (2009)
ACS National Award for Creative Advances in Environmental Science (2009)
Frontiers in Science Lecturer, University of Iowa (2008)
Winter Commencement Speaker, University of Colorado (2007)
Doctor of Science *honoris causa*, Grinnell College (2007)
Hazel Barnes Prize, University of Colorado (2007)
Guggenheim Fellowship (2005)
Elected to the National Academy of Sciences (2004)
NASA Group Achievement Award, Crystal-Face Science Team (2003)
NASA Group Achievement Award, SOLVE Experiment (2001)
BFA Award for Excellence in Research, Scholarly and Creative Work (2001)
Camille Dreyfus Teacher-Scholar (1994)
James B. Macelwane Medal, American Geophysical Union (1993)
Fellow, American Geophysical Union (1993)
National Science Foundation Young Investigator (1992)

SELECTED PROFESSIONAL ACTIVITIES:

ACS Editorial Advisory Board, 2017-present
OPA Advisory Board, CU 2016-present
PNAS, direct submission editor, 2009 - present
Hazel Barnes Selection Committee, 2008 - present
Distinguished Professor Selection Committee, 2011- present
Co-Associate Director, CIRES Environmental Chemistry, 2008 - present
Dean's Executive Advisory Council, CU 2013-2017
NSF, Committee of Visitors, 2007
National Academy Committee, Climate Change Science Program SAP 2.4, 2007
Associate Editor, Atmospheric Environment, 1999-2008
AGU Atmospheric Sciences Nominations Committee 2004-present
UCAR Board of Trustees, 1998-2001
Associate Editor, J. Geophys. Res. Atmospheres, 1997-2001
International Organizing Committee, Nucleation and Atmospheric Aerosols 2000
James B. Macelwane Medal Committee, AGU, 1996-1998
NRC Committee on Atmospheric Chemistry, 1994-1997
Review Panel, UNEP/WMO Scientific Assessment of Ozone Depletion 1994
Steering Committee, NASA Subsonic Assessment: Climate Effects, 1994
Advisory Board, C&E News, 1993-1995
Meetings Committee, Atmospheric Sciences, AGU, 1993-1995
AMS Committee on Middle Atmosphere, 1993-1995

Co-Author, Ch. 4, UNEP/WMO Assessment of Stratospheric O₃: WMO Report 37, 1994
Co-Author, Ch.5, HSRP/AESA Interim Assessment, NASA Ref Publication 1333, 1993
Co-Author, Ch.3, Scientific Assessment of Ozone Depletion: WMO Report 25, 1991
American Chemical Society
American Geophysical Union