

Curriculum Vitae

Michael A. Duncan

Franklin Professor and Regents' Professor
Department of Chemistry, University of Georgia, Athens, GA 30602
Phone: 706-542-1998; Fax: 706-542-1234
Email: maduncan@uga.edu Web site: <http://research.franklin.uga.edu/maduncan/>

Personal

Born: November 17, 1953, Greenville, SC
Married: Debra M. Duncan, 08/28/76 – present
Children: Katherine Duncan Bright (b. 05/07/83), Allison J. Duncan (b. 04/04/86)
Residence: 165 Gibbons Way, Athens, GA 30605

Education

B.S. Chemistry, 1976, Furman University. Research Advisor: Lon B. Knight
Thesis title: "ESR Matrix Isolation of Metal-Containing Radicals"

Ph.D. Physical Chemistry, 1982, Rice University. Research Advisor: Richard E. Smalley (Nobel Prize in Chemistry 1996)
Dissertation title: "Resonant Laser Ionization in the study of Molecular Excited States,"
University Microfilms International, #8216315, Rice University, 1982.

Professional Appointments

1981 Postdoctoral Fellow, Joint Institute for Laboratory Astrophysics (JILA), National Bureau of Standards, and University of Colorado. Advisor: Stephen R. Leone
1983 Assistant Professor, University of Georgia
1988 Associate Professor, University of Georgia
1992 Professor, University of Georgia
1995 Distinguished Research Professor, University of Georgia
2006 Franklin Professor, University of Georgia
2007 Regents' Professor, University of Georgia

Professional Affiliations

American Chemical Society (Physical Division); American Physical Society (Chemical Physics Division); American Association for the Advancement of Science; Affiliate, American Astronomical Society (Laboratory Astrophysics Division); Coblenz Society.

Awards and Honors

National Merit Scholarship, Furman University, 1972 – 76
National Research Council Postdoctoral Fellowship, National Bureau of Standards, University of Colorado and Joint Institute for Laboratory Astrophysics, Boulder, CO, 1981 – 83
Lilly Endowment Young Faculty Teaching Fellow, UGA, 1984 – 85
N.E. Georgia ACS Section Philbrook Award for Undergraduate Teaching, UGA, 1986
Sarah Moss Foundation Young Faculty Career Development Fellowship, UGA, 1989
ACS Student Affiliates Teacher of the Year, UGA, 1989 – 90
University of Georgia Creative Research Medal, 1994

Distinguished Research Professor, University of Georgia, 1995
Visiting Professor, National Science Council, Taiwan, R.o.C., April 1998
Yamada Foundation Visiting Professor, Keio University, Hiyoshi, Yokohama, Japan, October 1998
Visiting Professor, University of Nijmegen, The Netherlands, May – June 1999
Senior Teaching Fellow, University of Georgia, 1999 – 2000
Visiting Professor, University of Nijmegen, The Netherlands, May 2000
Phi Beta Kappa, Alumni Membership, Furman University, 2000
"Chemist of the Year," Northeast Georgia Section, American Chemical Society, 1999 – 2000
Visiting Professor, F.O.M. Laboratory for Plasma Physics, Nieuwegein, The Netherlands, August 2001
University of Georgia Teaching Academy, 2001
Fellow of the American Physical Society, 2001
Fellow of the American Association for the Advancement of Science, 2004
Charles H. Stone Award, Carolina-Piedmont Section, American Chemical Society, October 2005
Franklin Professor, University of Georgia, 2006
Regents' Professor, University of Georgia, 2007
Alexander von Humboldt Fellowship (Fritz Haber Institute, Berlin), 2007 – present
Award for Experimental Physical Chemistry, Physical Chemistry Division, American Chemical Society, 2011
University of Georgia, Lamar Dodd Award, 2011

Research Focus

Physical Chemistry, Chemical Physics. Laser spectroscopy and mass spectrometry. Metal, semiconductor, and molecular clusters. Metal cation complexes, metal van der Waals complexes. Protonated molecular ions and carbocations. Excited state photophysics and dynamics. Electronic spectroscopy. Infrared spectroscopy. Laser desorption mass spectrometry. Nanoparticle materials.

Other Professional Activities

Senior Editor, *Journal of Physical Chemistry*, 5/1998 – 12/2015.
Member-at-Large, Division of Chemical Physics, American Physical Society, 2002 – 2006.
Advisory Board, *Petroleum Research Foundation*, 2003 – 2006.
Science Advisory Board, *Furman University*, 2004 – 2006.
Nominating Committee, Division of Chemical Physics, American Physical Society, 2009 – 2011.
Member-at-Large, Executive Committee, Physical Chemistry Division, American Chemical Society, 2012-2015.
National Award Selection Committee, American Chemical Society, 2012 – present.
Vice Chair-Elect, Physical Chemistry Division, American Chemical Society, 2016.
Vice Chair, Physical Chemistry Division, American Chemical Society, 2017.
Chair-Elect, Physical Chemistry Division, American Chemical Society, 2018
Chair, Physical Chemistry Division, American Chemical Society, 2019
Coblentz Society, Coblentz Award Committee, 2014 – 2017, chair 2017.
American Astronomical Society, Laboratory Astrophysics Division, Awards Committee, 2016 – 19.

Editorial Advisory Boards: *Journal of Physical Chemistry*, 1995 – 98; 2018 – 2021; *Journal of Cluster Science*, 1996 – 98; *International Journal of Mass Spectrometry and Ion Processes*, 1996–97; *Journal of Molecular Spectroscopy*, 2010 – 2013; *Review of Scientific Instruments*, 2012 – 2015.