**Curriculum Vitae**

**Michael A. Duncan**

Franklin Professor and Regents' Professor

Department of Chemistry, University of Georgia, Athens, GA 30602

Office Phone: 706-542-1998

Email: maduncan@uga.edu Web site: <http://research.franklin.uga.edu/maduncan/>

**Personal**

Born: November 17, 1953, Greenville, SC

Married: Debra Moore Duncan, 08/28/76−present

Children: Katherine Duncan Bright (b. 05/07/83), Allison J. Duncan (b. 04/04/86)

**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**

1981−1983 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

1995−2006 Distinguished Research Professor, University of Georgia

2006−present Franklin Professor, University of Georgia

2007−present 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); Coblentz 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; May 2000

Senior Teaching Fellow, University of Georgia, 1999−2000

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

Fellow of the American Chemical Society, 2021

**Research Focus**

Physical Chemistry, Chemical Physics. Laser spectroscopy and mass spectrometry. Metal, carbon, 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. Astrochemistry.

**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.

Member-at-Large, Executive Committee, Physical Chemistry Division, American Chemical Society, 2012−2015.

National Award Selection Committee, American Chemical Society, 2012−2019.

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.

**Publications: 297 total.**

According to Google Scholar (November 29, 2022): 18,153 total citations; H = 67; Citations per paper: 61.1; i10 index: 246.