**Curriculum Vitae**

**Michael A. Duncan**

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**Personal**

Born: November 17, 1953, Greenville, SC

Married: Debra M. Duncan, 08/28/76-present

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

Residence: 165 Gibbons Way, Athens, GA 30605. 706-353-3125

**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"

**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

1995−2006 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; American Astronomical 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

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

Northeast Georgia "Chemist of the Year," 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 Senior Fellowship (Fritz Haber Institute, Berlin), 2007-present

American Chemical Society, Physical Chemistry Division, Award for Experimental Physical Chemistry, 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*, 1998-2015.

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.

Chair-Elect, Physical Chemistry Division Executive Committee, American Chemical Society, 2018-present.

Editorial Advisory Boards: *Journal of Physical Chemistry*, 1995–98 and 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.