

PAUL J. DAGDIGIAN

Department of Chemistry

The Johns Hopkins University, 3400 N. Charles Street, Baltimore, MD 21218

Phone_ (410) 516-7438; e-mail: pjdagdigian@jhu.edu

RESEARCH INTERESTS

Physical Chemistry: Dynamics of molecular collisions, reactive intermediates, chemical reactions, vibrational and rotational energy transfer, laser spectroscopy, laser-based detection techniques

EDUCATION

1967 B.A. *Magna cum laude*, major: chemistry, Haverford College
1972 Ph.D. Research area: physical chemistry, University of Chicago

APPOINTMENTS

1972-1974 Postdoctoral Associate, Dept. Chemistry, Columbia University, advisor: R. N. Zare
1974-1978 Assistant Professor, Department of Chemistry, Johns Hopkins University
1979-1980 Associate Professor, Department of Chemistry, Johns Hopkins University
1981-present Professor, Department of Chemistry, Johns Hopkins University
1998-2005 Chair, Department of Chemistry, Johns Hopkins University
1999-present Arthur D. Chambers Professor of Chemistry, The Johns Hopkins University
2005-2006 Visiting Fellow, JILA, University of Colorado
2005-present Adjunct Professor, Department of Chemistry and Biochemistry, U. Maryland
2013-2014 Visiting Professor, U. New South Wales, UNSW Canberra Campus, Australia

FELLOWSHIPS AND AWARDS

1976-1980 Alfred P. Sloan Research Fellow
1977-1982 Camille and Henry Dreyfus Teacher-Scholar
2007 Maryland Chemist of the Year, Maryland Section of the ACS

SERVICE TO DEPARTMENT, UNIVERSITY, AND COMMUNITY (selected)

1982-1984 Member, Editorial Board, *The Journal of Chemical Physics*
1985-1991 Eastern U.S. Editor, *Laser Chemistry* (Gordon and Breach Science Publishers)
1985 Vice-chair, 1985 Conference on the Dynamics of Molecular Collisions
1987 Chair, 1987 Conference on the Dynamics of Molecular Collisions
1988 Participant, ARO Workshop on Nitramine Propellant Ignition and Combustion, Chapel Hill, NC
1988-1989 Member, Program Committee, Quantum Electronics Laser Science Meeting, Baltimore, MD
1989-1990 Vice-Chair, Division of Chemical Physics, American Physical Society
1990-1991 Member, Program Committee, Quantum Electronics Laser Science Meeting, Baltimore, MD
1990-1992 Chair, Division of Chemical Physics, American Physical Society
1992 Member, Workshop on Local Measurement Techniques for Tropospheric OH and

- HO₂, Menlo Park, CA
- 1995-1996 Co-organizer, ACS Symposium on Bimolecular Interactions of Small Free Radicals
- 2002 Vice-chair, Gordon Research Conference on Atomic and Molecular Interactions
- 2004 Chair, Gordon Research Conference on Atomic and Molecular Interactions
- 2004 Member, Herbert P. Broida Prize Committee, American Physical Society
- 2004 Participant, U.S.-Egypt Workshop on Laser Chemistry and Applications to Materials and Biomedical Research, Cairo, Egypt
- 2006 Evaluator of Chemistry Department of St. Mary's College of Maryland for ACS Committee on Professional Training
- 2006 Participant, Investment Strategy Meeting, Army Research Office
- 2006-2011 Member, Homewood Academic Council, Johns Hopkins University
- 2006-2012 Member, American Chemical Society Petroleum Fund Advisory Board
- 2008 Member, Army Chemistry Coordinating Group, Army Research Office
- 2010 Organizer, Symposium on Laser-Based Detection of CBE Threats, Pacificchem 2010
- 2010 Rapporteur, Habilitation of François Lique, Université du Havre, FR
- 2011-2012 Member, Tenure and Appointment Procedures Committee, Johns Hopkins U.
- 2011-present Visiting Associate, Committee on Professional Training, ACS
- 2012 Evaluator of Chemistry Department of New Jersey Institute of Technology for ACS Committee on Professional Training
- 2013-2017 Member, Homewood Academic Council, Johns Hopkins University

PROFESSIONAL SOCIETIES

- Fellow, American Physical Society
- Member, American Chemical Society