

Curriculum Vitae

John Harold Dawson Carolina Distinguished Professor Emeritus

EDUCATION

Columbia University, New York City, NY	A.B.	1972	Chemistry
Stanford University, Stanford, CA	Ph.D.	1976	Chemistry (Biochemistry minor)

PROFESSIONAL EXPERIENCE

1976 - 1978	NIH Postdoctoral Fellow, Department of Chemistry, California Institute of Technology
1978 - 1983	Asst. Prof., Dept. Chem./Biochem. and Sch. of Med., Biochem. Sect., Univ. South Carolina
1983 - 1986	Assoc. Prof., Dept. Chem./Biochem. and Sch. of Med., Biochem. Sect., Univ. South Carolina
1987 - 2016	Professor, Dept. Chem./Biochem. and Sch. of Med., Biochem. Sect., Univ. South Carolina
1987 - 2016	Carolina Distinguished Professor (Emeritus, 2016 – present), University of South Carolina

MAJOR HONORS AND AWARDS

NIH Postdoctoral Fellowship (1976-1978); Camille and Henry Dreyfus Teacher/Scholar (1982-1987); NIH Research Career Development Award (1983-1988); Alfred P. Sloan Foundation Research Fellow (1983-1987); Carolina Distinguished Professor, University of South Carolina (1987-2016) (Emeritus, 2016 – present); Outstanding South Carolina Chemist, SC Section, American Chemical Society (ACS) (1988); Russell Award for Research Excellence in Science and Engineering, University of South Carolina (1988); Dupont Distinguished Lecture, Indiana University (1988); Elected Fellow, American Association for the Advancement of Science (1989); Basic Science Faculty Research Award, School of Medicine, University of South Carolina (1993); Governor's Award for Excellence in Science Discovery, Governor's Office and SC Academy Science (1997); Southern Chemist Award, Memphis Section, ACS (2003); Carolina Trustee Professor Award, University of South Carolina Board of Trustees (2004); Charles H. Stone Award, Charlotte/Piedmont Section, ACS (2006); Wyeth/Alumni Lecture, Columbia University (2006); Bobigny Award for Advancements in the Spectroscopy of Biological Molecules, Twelfth European Conference on the Spectroscopy of Biological Molecules, (2007); Elected Fellow, American Chemical Society (2010); University of South Carolina Educational Foundation Outstanding Service Award (2012); Eraldo Antonini Lifetime Achievement Award in Heme Protein Science, Society of Porphyrins and Phthalocyanines (2018)

PROFESSIONAL ACTIVITIES

1980–98	Chair, Graduate Admissions Comm., Dept. of Chem. & Biochem., Univ. of South Carolina
1985–7 & 94	Ad Hoc Panelist, NIH Mol./Cell. Biophys., Metallobio., & Phys. Biochem. Study Sections
1988–89	Member, NSF Biophysics Program Grant Review Panel
1989,95,05,15,21	Symp. Co-Org., "Metal Ions in Biol. & Med.," <i>Int. Chem. Congress/Pacificchem.</i> , Honolulu, HI
1990–93	Member, Advisory/Grant Rev. Panel, NSF Instrumentation & Instrument Development Prog.
1990–94	Member (Chair, 1991-94), Biochem/Struct. Biol. Panel, H. Hughes Doctoral Fellowship Prog.
1992–2010	Editorial Board, <i>Chemtracts-Inorganic Chemistry</i> , Data Trace Publishing
1993	Int. Advisory Board, <i>2nd Int. Symposium on Cyt. P450 of Microorg. & Plants</i> , Tokyo, Japan
1995–2017	Int. Scientific Advisory Comm., <i>International Conf. Cyt. P450: Biochemistry & Biophysics</i>
1995	Program Comm., <i>3rd Int. Symposium on Cytochrome P450 Biodiversity</i> , Woods Hole, MA
1996–2022	Editor-in-Chief, <i>Journal of Inorganic Biochemistry</i> , Elsevier Science Inc.
1997	Conference Chair, <i>10th International Conf. Cyt. P450: Biochem. & Biophys.</i> , San Francisco
1999, 2000	Chair-Elect/Chair, Bioinorganic Subdivision, Division of Inorg. Chem., American Chemical Society
2002–2007	Editorial Board, <i>Journal of Biological Chemistry</i>
2002–2024	Symp. Co-Org., "Heme Enz./Models," <i>2nd–12th Internat. Conf. Porphyrins & Phthalocyanines</i>
2003–05	Vice-Chair-Elect/Vice-Chair/Chair, Metals in Biology Gordon Research Conf., Ventura, CA
2004–present	Steering Committee, Metals in Biology Gordon Research Conf., Ventura, CA
2005–present	Int. Scientific Advisory Comm., <i>International Symposium Applied Bio-Inorganic Chemistry</i>
2006–2008	Graduate Director, Department of Chemistry & Biochemistry, Univ. of South Carolina
2008	Int. Scientific Advisory Comm., <i>4th Asian Biological Inorganic Chemistry</i> conference, Jeju, Korea
2008–2015	Chair, Department of Chemistry and Biochemistry, Univ. of South Carolina
2010–present	Int. Scientific Advisory Comm., <i>Canadian Bioinorganic Chemistry Conference</i> , Ontario, Canada
2011 & 2013	Symp. Org., "P450 Heme Chem./Spectroscopy," <i>17th & 18th Int. Conf. Cyt. P450: Biochem. & Biophys.</i>
2011–present	Symp. Org., "Heme Prot./Analogues," <i>3rd–9th Canadian Bioinorg. Chem. Conf.</i> , Ontario, Canada
2013–present	Organizing Committee, <i>Canadian Bioinorganic Chemistry Conference</i> , Ontario, Canada
2022–present	Associate Editor, <i>Journal of Inorganic Biochemistry</i> , Elsevier Science Inc.

INVITED LECTURES, PUBLICATIONS, FUNDING, MENTORING

Invited Lectures at Conferences, 143: International, 102; American Chemical Society, 25; Gordon Research, 4;
Invited University Lectures: 214 (40 International); Research Publications: 226; Cumulative Extramural Funding
(1979-2016): \$7,136,987; Student Mentoring: Undergraduate/High School, 75; M.S., 4; Ph.D., 36; Postdoctoral, 23