

# Curriculum Vitae

**John Harold Dawson**

**Carolina Distinguished Professor**

## 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 - present Professor, Dept. Chem./Biochem. and Sch. of Med., Biochem. Sect., Univ. South Carolina  
1987 - present Carolina Distinguished Professor, University of South Carolina

## MAJOR HONORS AND AWARDS

National Institutes of Health Postdoctoral Fellowship (1976-1978); Camille and Henry Dreyfus Teacher/Scholar (1982-1987); National Institutes of Health Research Career Development Award (1983-1988); Alfred P. Sloan Foundation Research Fellow (1983-1987); Carolina Distinguished Professor, University of South Carolina (1987-present); Outstanding South Carolina Chemist, South Carolina Section, American Chemical Society (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, American Chemical Society (2003); Carolina Trustee Professor Award, University of South Carolina Board of Trustees (2004); Charles H. Stone Award, Charlotte/Piedmont Section, American Chemical Society (2006); Wyeth/Alumni Lecture, Columbia University (2006); Elected Fellow, American Chemical Society (2010); University of South Carolina Educational Foundation Outstanding Service Award (2012)

## 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 Symp. Co-Org., "Metal Ions in Biol. & Med.," *Int. Chem. Congress/Pacificchem.*, 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-present Editorial Board, *Chemtracts-Inorganic Chemistry*, Data Trace Publishing  
1993 Int. Advisory Board, *2nd Int. Symposium on Cyt. P450 of Microorg. & Plants*, Tokyo, Japan  
1995-present Int. Scientific Advisory Comm., *International Conf. Cyt. P450: Biochemistry & Biophysics*  
1995 Program Comm., *3rd Int. Symposium on Cytochrome P450 Biodiversity*, Woods Hole, MA  
1996-present Editor-in-Chief, *Journal of Inorganic Biochemistry*, Elsevier Science Inc.  
1997 Conference Chair, *10th International Conf. Cyt. P450: Biochem. & Biophys.*, San Francisco  
1999, 2000 Chair-Elect/Chair, Bioinorganic Subdiv., Div. of Inorg. Chem., American Chemical Society  
2002-2007 Editorial Board, *Journal of Biological Chemistry*  
2002-2014 Symp. Co-Org., "Heme Enz./Models," *2<sup>nd</sup>-8<sup>th</sup> Internat. Conf. Porphyrins & Phthalocyanines*  
2003-05 Vice-Chair-Elect/Vice-Chair/Chair, Metals in Biology Gordon Research Conf., Ventura, CA  
2005-present Int. Scientific Advisory Comm., *International Symposium Applied. Bio-Inorg. Chemistry*  
2006-2008 Graduate Director, Department of Chemistry & Biochemistry, Univ. of South Carolina  
2008 Int. Scientific Advisory Comm., *4<sup>th</sup> Asian Biol. Inorg. Chem.* conference, Jeju, Korea  
2008-2015 Chair, Department of Chemistry and Biochemistry, Univ. of South Carolina  
2010-present Int. Scientific Advisory Comm., *Canadian Bioinorganic Chemistry Conference*, Ontario, Canada  
2011-2015 Symp. Org., "Heme Prot./Analogues," *3<sup>rd</sup>, 4<sup>th</sup>, 5<sup>th</sup> Canadian Bioinorg. Chem. Conf.*, Ontario, Canada  
2011 & 2013 Symp. Org., "P450 Heme Chem./Spectroscopy," *17<sup>th</sup> & 18<sup>th</sup> Int. Conf. Cyt. P450: Biochem. & Biophys.*  
2013-present Organizing Committee, *Canadian Bioinorg. Chemistry Conference*, Ontario, Canada

## INVITED LECTURES, PUBLICATIONS, FUNDING, MENTORING

Invited Lectures at Conferences, 140: International, 96; American Chemical Society, 25; Gordon Research, 4  
Invited University Lectures: 210; Research Publications: 224; Cumulative Extramural Funding: \$7,136,987  
Student Mentoring: Undergraduate/High School, 74; M.S., 4; Ph.D., 36; Postdoctoral, 23