



Dr. Dongping Zhong

Bio:

1985, B.S. laser physics from Huazhong University of Science and Technology (China)

1999, Ph.D. California Institute of Technology, Pasadena, California

(Advisor: Nobel Laureate, Linus Pauling Professor Ahmed H. Zewail)

1999-2001, Postdoctoral Fellow, NSF Laboratory for Molecular Sciences, California Institute of Technology

2002-2007, Assistant Professor, Departments of Physics, Chemistry (adjunct), and Biochemistry (adjunct), Member of Biophysics, Biochemistry, and Chemical Physics Programs, The Ohio State University

2007-2010, Robert Smith Associate Professor of Physics, Associate Professor of Chemistry and Biochemistry, The Ohio State University

2010-Present, Robert Smith Professor of Physics, Professor of Chemistry and Biochemistry, The Ohio State University

Research Interests:

Femtobiology (DNA repair, Circadian rhythm, Photoreceptors)

Biomolecular Recognition (Hydration dynamics, Conformation fluctuations)

Ultrafast Protein/Enzyme Dynamics (Heme proteins, Flavoproteins)

Four Dimensional (4D) Electron Diffraction and Microscopy for Biology (Structure, Dynamics and Function)

Awards and Honors:

1999, The Herbert Newby McCoy Award, California Institute of Technology

1999, Milton and Francis Clauser Doctoral Prize, California Institute of Technology

2005, Packard Fellowship, The David and Lucile Packard Foundation

2007, Robert Smith Professorship, The Ohio State University

2008, CAREER Award, The National Science Foundation

2008, Sloan Research Fellowship, The Alfred P. Sloan Foundation

2008, Camille Dreyfus Teacher-Scholar Award, The Camille and Henry Dreyfus Foundation

2008, Dr. Elizabeth L. Gross Award for Faculty Excellence, The Ohio State University

2009, Fellow, American Physical Society

2009, Outstanding Young Researcher Award, Overseas Chinese Physics Association

2011, Fellow, The American Association for the Advancement of Science

2013, Guggenheim Fellowship, The John Simon Guggenheim Memorial Foundation

The Zhong Group: <https://www.asc.ohio-state.edu/physics/zhong/index.htm>