

# Dongping Zhong

Department of Physics  
191 West Woodruff Avenue  
The Ohio State University  
Columbus, OH 43210

Phone: (614) 292-3044 (O)  
(614) 844-5967 (H)  
Fax: (614) 292-7557 (O)  
E-mail: dongping@mps.ohio-state.edu

---

## Education

- Ph.D.** Chemical Physics, California Institute of Technology, 1999  
*Advisor: Nobel Laureate, Linus Pauling Professor Ahmed H. Zewail*
- M.S.** Physical Chemistry, Kansas State University, 1994  
*Advisor: University Distinguished Professor Donald W. Setser*
- M.S.** Laser Physics, Huazhong University of Science and Technology, P.R. China, 1988  
*Advisor: University Distinguished Professor Zaiguang Li*
- B.S.** Laser Physics, Huazhong University of Science and Technology, P.R. China, 1985

## Appointments

- *Robert Smith* Associate Professor, Department of Physics, 2007-  
Associate Professor, Departments of Chemistry and Biochemistry (adjunct), 2007-  
Assistant Professor, 2002-2007  
Departments of Physics, Chemistry (adjunct), and Biochemistry (adjunct)  
Member of OSU Biophysics, Biochemistry, and Chemical Physics Programs, Spectroscopy Institute  
The Ohio State University
- Postdoctoral Fellow, 1999-2002  
NSF Laboratory for Molecular Sciences, California Institute of Technology  
*Research Advisor: Professor Ahmed H. Zewail*

## Honors and Awards

- *Fellow*, The American Physics Society, 2009
- *Outstanding Young Researcher Award*, Overseas Chinese Physics Association, 2009
- *Camille Dreyfus Teacher-Scholar Award*, The Camille and Henry Dreyfus Foundation, 2008-2013
- *Dr. Elizabeth L. Gross Award for faculty excellence*, The Ohio State University, 2008
- *CAREER award*, The National Science Foundation, 2008-2013
- *Sloan Research Fellowship*, The Alfred P. Sloan Foundation, 2008-2010
- *Robert Smith Endowed Professorship*, The Ohio State University, 2007-present
- *Lecturer, Frontiers in Spectroscopy*, The Ohio State University, 2006
- *Packard Fellowship*, The David and Lucile Packard Foundation, 2005-2010
- *Guest Professorship*, Huazhong University of Science and Technology, 2002-2005, 2008-2011
- *Milton and Francis Clauser Doctoral Prize*, California Institute of Technology, 1999
- *The Herbert Newby McCoy Award*, California Institute of Technology, 1999

## Research Interests

Femtobiology (*DNA repair, Circadian rhythm, Photoreceptors*)  
Biomolecular Recognition (*Hydration dynamics, Conformation fluctuations*)  
Ultrafast Protein/Enzyme Dynamics (*Heme proteins, Flavoproteins*)

## Professional Activities

- Member of American Physical Society, American Chemical Society, Biophysical Society, American Photobiology Society, American Association for the Advancement of Science

- Frequent reviewer for Journals: Physical Review Letters, PNAS, Chemical Physics Letters, Journal of Physical Chemistry, Journal of American Chemical Society, FEBS Letters, Angewandte Chemie, Journal of Photochemistry and Photobiology, Biochemistry, Journal of Biomolecular Structure and Dynamics, Applied Physics Letters, Review of Scientific Instruments, Chemical Physics, Journal of Medicinal Chemistry, Biophysics Journal, ChemPhysChem, Biomacromolecules, Photochemistry and Photobiology, Optical Letters, Journal of Molecular Spectroscopy, Physical Chemistry Chemical Physics
- Referee for Proposals: NSF, ACS-Petroleum Research Foundation, NIH (P01 special panel 2008; *ad hoc* member, MSF-B study section 2009; *ad hoc* member, the Board of Scientific Counselors Site Review, 2009), Oak Ridge Associated Universities-Pennsylvania Performance Review (2009)
- Conference Session Chair:
  - *The 3<sup>rd</sup> Asia and Oceania Conference on Photobiology (AOCP)*, Beijing, P.R. China, 11/18/2006
  - *I2CAM Exploratory Workshop on Quantum Dynamics and Biomolecular Function*, Yeppoon, Australia, 04/10/2007
  - *63<sup>rd</sup> Ohio State University International Symposium on Molecular Spectroscopy*, Columbus, Ohio, 06/18/2008
  - *Neutron Scattering Workshop on Biomolecular Dynamics and Protein-Water Interactions*, Feldafing/Munich, Germany, 09/25/2008
  - *The 6<sup>th</sup> Joint Meeting of Chinese Physicists Worldwide International Conference on Physics Education and Frontier Physics*, Lanzhou, China, 08/04/2009
- Conference Organization Committee:
  - *Workshop on Enzyme Dynamics and Function*, Columbus, Ohio, May 19-21, 2005
  - *Symposium on Biological Membranes*, Columbus, Ohio, Oct. 8-11, 2005
  - *The 7<sup>th</sup> International Conference on Photonics and Imaging in Biology and Medicine*, Wuhan, China, Nov. 24-27, 2008
  - *The 6<sup>th</sup> Joint Meeting of Chinese Physicists Worldwide International Conference on Physics Education and Frontier Physics*, Lanzhou, China, Aug. 3-7, 2009
  - *The 8<sup>th</sup> International Conference on Photonics and Imaging in Biology and Medicine*, Wuhan, China, Aug. 8-11, 2009
  - *Femtochemistry, Femtobiology, and Femtophysics*, The 9<sup>th</sup> International Conference of Femtochemistry 9, Beijing, China, Aug. 8-13, 2009 (International Organization Committee Chair)

### **Scholarly or Creative Work (*highlights and commentaries*)**

- *Chemical & Engineering News*, April 26, 36 (1996)
- *Photonics Spectra*, December, 88 (1996)
- *The Press Release of the 1999 Nobel Prize in Chemistry*, Stockholm, Sweden (1999)
- *Proceedings of the National Academy of Sciences USA* **96**, 4219 (1999)
- *Proceedings of the National Academy of Sciences USA* **98**, 387 (2001)
- *Journal of Physical Chemistry B* **108**, issue 46, cover (2004)
- *Journal of Physical Chemistry B* **110**, issue 21, cover (2006)
- *Proceedings of the National Academy of Sciences USA* **104**, issue 47, cover highlight (2007)
- *Science* **318**, 1351, Editors' Choice (2007)