

Chunshan Deng

Postdoctoral (Visiting Fellow)

Unit on Cognitive Neurophysiology and Imaging

Laboratory of Neuropsychology

National Institute of Mental Health, National Institutes of Health

Building 49, Room B2J-45, MSC-4400

49 Convent Dr., Bethesda, MD 20892

Tel: (301)-594-1129

Fax: (301)-480-1644

PERSONAL INFORMATION:

Name: Chunshan Deng Citizenship: P. R. China

Gender: Male Date of Birth: Jun 21, 1984

Email: chunshan.deng@nih.gov

EDUCATION

Oct 2011 - Present: **Post-doc (Visiting Fellow)** National Institute of Mental Health (NIMH), National Institutes of Health (NIH), Bethesda, MD
Sponsor: Dr. David Leopold

Sep 2005- May 2011: **Ph.D.** in Neuroscience, Institute of Biophysics, Chinese Academy of Science (CAS), Beijing, China
Mentor: PI. Yi Wang

Sep 2001- Jul.2005: **B.S.** in Biology, Zhengzhou University, Zhengzhou, Henan Province, China

PROJECT INVOLVED

Oct 2011-Present: Contribution of Pulvinar in Binocular Rivalry in Macaque Monkey. NIMH, NIH, Bethesda, MD

Method: Electrophysiology, fMRI, Monkey

Supervisor: PI David Leopold

Nov 2007 – Jun 2011: Rapid Orientation Plasticity in Cat Primary Visual Cortex, Institute of Biophysics, CAS, Beijing, China

Method: Extracellular Single-unit Recording *in vivo*, Cat

Supervisor: PI Yi WANG

Apr 2007 – Oct 2007: Representation of Luminance Changing Rate in Cat

Primary Visual Cortex, Institute of Biophysics, CAS, Beijing, China

Method: Extracellular Single-unit Recording *in vivo*, Cat

Supervisor: PI Yi WANG

Sep 2006 – Mar 2007: Topological Perception in Nonhuman Primate,
Kunming Institute of Zoology, CAS, Kunming, China

Method: Behavior, Monkey.

Supervisor: Principal Investigator (PI) Yi WANG & PI Yuanye MA

HONORS AND AWARDS

2008 Annual Award, State Key Laboratory of Brain and Cognitive Sciences,
Institute of Biophysics, CAS

2007 Annual Award, State Key Laboratory of Brain and Cognitive Sciences,
Institute of Biophysics, CAS

2006 All Excellent Award, Graduate University of Chinese Academy of
Sciences

SCIENTIFIC CONFERENCE ATTENDED

2011 (Nov) SfN's 41st Annual Meeting, Nov. 12-16, Washington DC. US

2011 (Jun) The 1st IBRO-KIST School of Neuroscience, June 28 - July 8,
Seoul, Republic of Korea

2010 (Jun) IBRO-APRC School of Neuroscience, May 31 - June 11, Hong
Kong, China

2009 (Nov) The 4th National Conference on Brain and Cognitive Sciences,
Chengdu, China

2008 (Dec) The 1st International Conference on Neuroeconomics and
Neruomanagment, Hangzhou, China

2006 (Nov) The 2nd National Conference on Brain and Cognitive Sciences,
Guilin, China

PRESENTATION:

2009 (Nov) Chunshan Deng, Bing Liu and Yi Wang, "Rapid Orientation
Plasticity in Cat Primary Visual Cortex", The 4th National Conference on
Brain and Cognitive Sciences, Chengdu, China

LIST OF PUBLICATION

Chunshan Deng, Bing Liu, Yi Wang, *Rapid Orientation Plasticity in Cat
Primary Visual Cortex*, The 4th National Conference on Brain and Cognitive
Sciences, November 24 - November 28, 2009, Chengdu, China, *ACTA*

Biophysica Sinica, Vol. 25 Supplement, P6.

Bing Liu, **ChunShan Deng**, Yi Wang, *The Discriminative Ability to Contrast and Orientation of Transient Stimuli by Neurons in Cat Primary Visual Cortex*, The 4th National Conference on Brain and Cognitive Sciences, November 24 - November 28, 2009, Chengdu, China, *ACTA Biophysica Sinica*, Vol.25 Supplement, P17.

PAPER IN REVISE:

Chunshan Deng, Bing Liu and Yi Wang. *Orientation Plasticity Correlates with Neuronal Selectivity in Cat Primary Visual Cortex.*

Bing Liu, **Chunshan Deng**, Yi Wang. *Simultaneous Changes of Contrast and Orientation Affect Orientation Tuning of Neurons in Primary Visual Cortex.*

MEMBERSHIP

SfN Member (2011- present)

LANGUAGE

Chinese, English