

Curriculum Vitae

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ACADEMIC APPOINTMENTS:

1984 - 1986 Assistant Professor, Computer Center,
China Medical University, Shenyang, China
1989 - 1990 Assistant Professor, Department of Biology,
Nanjing University, Nanjing, China
2002 Instructor, Department of Physiology,
Weil Medical College of Cornell University, New York, NY
7/2002-current Research Assistant Professor, Department of Ophthalmology,
Mount Sinai School of Medicine, New York, NY

EDUCATION:

1980 - 1984 Wuhan University, Wuhan, China. Degree: B.S., Major: Electronics
1986 - 1989 Nanjing University, Nanjing, China. Degree: M.S. Major: Physiology
1992 - 1999 The University of Texas Medical School at Houston. Degree: Ph.D.
Major: Neuroscience. Supervisor: Daniel Felleman.

POSTDOCTORAL TRAINING:

2/1999 - 4/2001 Department of Neurobiology and Anatomy
The University of Texas Medical School at Houston
Mentor: Daniel Felleman.
Project: Functional organization of macaque V2.
4/2001 - 6/2002 Department of Physiology
Weil Medical College of Cornell University, New York, NY
Mentor: Daniel Gardner
Project: Development of neurophysiology database.

TEACHING ACTIVITIES:

Computer Science, medical student course, 1984-1986, China Medical University, China.
Experiments in Animal Physiology, undergraduate student course, 1987, Nanjing University, China.
Principles of Neuroscience: Systems Neuroscience, graduate student course, 2004. Mount Sinai School of Medicine, New York.

GRANT:

Fight For Sight Grants-in-Aid (PI: Youping Xiao), "The effect of glaucoma on the function of the central visual pathway", 2003-2004.

PUBLICATIONS:**Peer-reviewed articles:**

1. Wang, J-J, **Xiao, Y-P**, Dong, M-R, Zhang, J, Chen, J, Yu, Q-X(1991). Stimulation of the dorsal raphe nucleus induced depressive effect on cerebellar Purkinje cell responses to mossy and climbing fiber afferent input in rat. **Acta Physiologica Sinica**. 43(6):519-29.
2. Felleman, D.J., **Xiao, Y.**, and McClendon, E.(1997) Modular organization of occipito-temporal pathway: cortical connections between visual area 4 and visual area 2 and posterior inferotemporal ventral area in macaque monkeys, **The Journal of Neuroscience** 17:3185-3200.
3. **Xiao, Y.**, Felleman, D.J.(1999). Segregation and convergence of projections from functionally identified V2 stripes to V4 in Macaques. **Cerebral Cortex** 9:792-804.
4. **Xiao, Y.**, Y. Wang, Felleman, D.J.(2003). A spatially organized representation of color in macaque area V2. **Nature** 421: 535-539.
5. **Xiao, Y.**, Felleman, D.J.(2004). Projections from Primary Visual Cortex to Cytochrome Oxidase Thin Stripes and Interstripes of Macaque Visual Area 2. **Proc. Natl. Acad. Sci. USA** 101:7147-7151.
6. Y. Wang, **Xiao, Y.**, Felleman, D.J.(2004). V2 thin stripes contain spatially organized representations of achromatic luminance that encode the magnitude and direction of luminance change relative to background. Submitted.