



Postdoctoral Fellow Position Computational Neuroscience NYU Shanghai

Postdoctoral positions in computational neuroscience are available in Xiao-Jing Wang's lab at NYU Shanghai. Our research aims at understanding dynamical behavior and function of neural circuits, with a focus on cognitive processes such as decision-making and working memory (see <http://www.cns.nyu.edu/wanglab/>). Currently we are developing large-scale circuit models of the global brain for monkey and mouse, in close collaboration with experimentalists who work on mesoscopic connectome and neurophysiology with behaving animals using modern technologies. In addition, we carry out research on training recurrent neural networks to perform many cognitive tasks, at the interface between brain science and artificial intelligence.

Qualified candidates are expected to hold a PhD degree, including young talents with a training in Physics, Mathematics, Computer Science and other quantitative fields who want to make a transition to neuroscience. The successful applicants will work closely with the PI in theory and modeling, as well as collaboration with experimentalists.

The positions are expected to start October 1, 2017, each for a two-year term, with the possibility of extension. Successful candidates will receive globally competitive compensations, and have the opportunities to spend time at NYU in New York.

The Wang lab is part of the NYU-ECNU Institute of Brain and Cognitive Science at NYU Shanghai (the Institute). The Institute is a joint venture between New York University (NYU) and East China Normal University (ECNU) and a major research and academic platform for NYU Shanghai. More information about the Institute: <http://shanghai.nyu.edu/research/brain>.

Applications will be reviewed until the positions are filled. To be considered, all applicants must submit an up-to-date curriculum vita, and arrange three letters of recommendation. Please visit our website at <http://shanghai.nyu.edu/about/work/fellowships> for instructions and other information on how to apply. If you have any questions, please e-mail xjwang@nyu.edu.

About NYU Shanghai:

NYU Shanghai is the newest degree-granting campus within New York University's global network. It is the first higher education joint venture in China authorized to grant degrees that are accredited in the U.S. as well as in China. All teaching is conducted in English. A research university with liberal arts and science at its core, it resides in one of the world's great cities with a vibrant intellectual community. NYU Shanghai recruits scholars *of the highest caliber* who are committed to NYU's global vision of transformative teaching and innovative research and who embody the global society in which we live.

NYU's global network includes degree-granting campuses in New York, Shanghai, and Abu Dhabi, complemented by eleven additional academic centers across five continents. Faculty and students circulate within the network in pursuit of common research interests and cross-cultural, interdisciplinary endeavors, both local and global.

NYU Shanghai is an equal opportunity employer committed to equity, diversity and social inclusion. We strongly encourage applications from individuals who are under-represented in the profession, across color, creed, race, ethnic and national origin, physical ability, and gender and sexual identity. NYU Shanghai affirms the value of differing perspectives on the world as we strive to build the strongest possible university with the widest reach.

EOE/AA/Minorities/Females/Vet/Disabled/Sexual Orientation/Gender Identity Employer