POSTDOCTORAL FELLOW POSITION
Computational Neuroscience of Neural Network and Dynamics
NYU Shanghai

Multiple postdoctoral positions are available in Sukbin Lim's lab at NYU-Shanghai as part of the NYU-ECNU Institute of Brain and Cognitive Science (https://shanghai.nyu.edu/research脑). The overarching goal of our research program is to understand network interactions and dynamics in neuronal systems. In particular, our work is focused on investigating mechanisms for working memory (Lim and Goldman, Nature Neurosci., 2013, J Neurosci., 2014), synaptic plasticity for learning and memory (Lim et al., Nature Neurosci., 2015) and the effects of noise on neuronal systems (Lim and Goldman, Neural Comp., 2012, Lim and Rinzel, J Comp. Neurosci., 2010).

Environment:

NYU-ECNU Institute of Brain and Cognitive Science is one of the cross-disciplinary research institutes. Successful candidates will have the opportunity to interact and collaborate with experimental and other computational groups investigating neural circuit mechanisms of cognitive functions, learning and memory. The initial appointment is for 1 year, renewable up to 3 years subject to progress, and a highly competitive compensation package will be provided.

To Apply:

Qualified applicants are expected to hold a PhD by the start date of the position in computational and theoretical neuroscience, or related discipline with a strong quantitative training in Mathematics, Physics, Computer Sciences and Engineering. Strong programming skills (e.g., Python, MATLAB or C/C++) and experience in modeling networks/complex systems will be highly valued. Knowledge of Neuroscience would be a plus.

Applications will be reviewed until the position is filled. To be considered, please send a curriculum vitae, short research statement and the names and contact information of three references to sukbin.lim@nyu.edu.

About NYU Shanghai:

NYU Shanghai is the newest degree-granting campus within the NYU Global Network University. It is the first Sino-US higher education joint venture to grant a degree that is 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 who are committed to NYU’s global vision of transformative teaching and innovative research.

New York University has established itself as a Global Network University, a multi-site, organically connected network encompassing key global cities and idea capitals. There are three degree-granting campuses in New York, Shanghai, and Abu Dhabi, and 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.

EOE/Minorities/Females/Vet/Disabled