POSTDOCTORAL RESEARCHER POSITION
Motor Representations in Speech Perception
NYU Shanghai

A postdoctoral position is available in Xing Tian's lab at NYU Shanghai to work in a collaborative project with Diogo Almeida at NYU Abu Dhabi. Our research program is to investigate the neural bases of speech and language, and other higher order human cognitive functions. In particular, our work is focused on using electrophysiological (MEG/EEG) and neuroimaging (fMRI) techniques in combination with computational approaches to investigate motor-sensory interaction in speech production and perception. This project focuses on the investigation of motor representations in speech perception in the context of working memory and long-term memory.

Qualified applicants are expected to hold a PhD in psychology, neuroscience, neurolinguistics or related discipline with a strong background in cognitive neuroscience. Experience with research in EEG/MEG/ECoG and/or fMRI is highly desired. Strong quantitative skills and experience of computational modeling would be a plus. The successful applicant will be expected to travel among NYU global campuses about 1 month per year and conduct experiments using MEG at NYU Abu Dhabi.

Our lab is a part of NYU-ECNU Institute of Brain and Cognitive Science at NYU Shanghai (https://shanghai.nyu.edu/research/brain). The Institute leverages the existing significant strength of cognitive neuroscience research at NYU and ECNU. The imagining center in the institute is a state-of-art research facility, including a 3T MRI scanner, MR-compatible 64 Channels and ActiChamp 64 active sensor EEG systems, TMS, tDCS and fNIR. In addition, the postdoctoral researcher will have access, at NYU Abu Dhabi, to a 200-channel MEG system equipped with an eye tracker and a 64-Channel MEG-compatible EEG system, as well as two independent 64 Channel EEG systems equipped with active sensors and a 3T MRI scanner. The position provides top-notch interdisciplinary training in cognitive neuroscience and a highly competitive compensation package.

Applications will be reviewed until the position is filled. To be considered, all applicants need to submit a curriculum vitae, and the names and contact information of two references. Please visit our website at http://shanghai.nyu.edu/about/work/fellowships for instructions and other information on how to apply. Applications will be reviewed as received. If you have any questions, please e-mail xing.tian@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.