



Behavioral Neurophysiology Postdoctoral Fellow NYU Shanghai

We are seeking a postdoctoral fellow with experience in rodent behavior, electrophysiology and optogenetics. The fellow will work on a set of recently developed visuomotor tasks which involve complex visual perception, spatial cognition, learning, movement planning, updating and execution.

Responsibilities

The day-to-day responsibilities include (but are not restricted to):

- Collaborating with Prof. Erlich and other members of the lab on experimental design.
- Collecting behavioral, electrophysiological, pharmacological, optogenetic and anatomical data from mice and rats.
- Analyzing collected data and preparing visualizations on a regular basis to update Prof. Erlich and other lab members of progress.
- Writing scientific grants and manuscripts.
- Mentoring/training graduate and undergraduate students and other lab members
- Helping with the maintenance of the lab.
- Attending and presenting at lab meetings.
- Attending institute seminars and participating in other institute events.

Requirements

- A PhD in Neuroscience or equivalent (e.g. Physiology, Biology or Psychology with relevant experience)
- English proficiency (reading, writing, speaking, and listening)
- Mandarin fluency preferred
- Proficient in programming in R, Python, or MATLAB. Willing to learn other computer languages and libraries
- Linux, SQL, git proficiency is preferred

Compensation will be commensurate with experience and qualifications.

To apply, send a **CV**, **2-4 letters of reference**, and a **cover letter** addressing interest to apply@erlichlab.org.

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