The mission of NYU Shanghai’s Neural Science Program is to promote cutting-edge research and interdisciplinary collaboration in the field of neural science. The program aims to educate students in undergraduate, graduate, and postdoctoral levels, providing them with an opportunity to contribute to the understanding and improvement of behavioral, cognitive and system neural science.

Highlights of the Program:
- Access to the vast intellectual resources of the NYU Global Network.
- Collaboration with renowned scholars at New York University, NYU Shanghai, and other universities within and outside China.
- Cutting-edge research environment at NYU Shanghai, including the Institute of Brain and Cognitive Science.
- Research opportunities with and close mentorship by NYU Shanghai faculty.
- NYU degree upon graduation.

Ph.D. Program: The N.E.T. Cognitive Neuroscience PhD Program | ECNU

In addition to the N.E.T. Ph.D. track, NYU Shanghai faculty also invites applications from students for the Master’s Program in Cognitive Neuroscience.

Master’s Program: The N.E.T.

NYU Shanghai Degree

NYU Shanghai offers the following graduate programs in Neural Science.

Undergraduate Studies

NYU Shanghai Degree | Undergraduate Studies

NYU Shanghai students earn a Bachelor of Arts or Bachelor of Science degree conferred by New York University, the same degree awarded at our New York campus, as well as a Chinese diploma recognized by the Chinese government, qualifying graduates for opportunities both in China and around the world.

Graduate Training

NYU Shanghai-ECNU Joint Graduate Training Program (N.E.T.)

The NYU Shanghai-ECNU Joint Graduate Training Program (N.E.T.) is a program in which NYU Shanghai faculty, through collaborative arrangements with affiliated departments at East China Normal University (ECNU), advise and incorporate ECNU graduate students into their research teams. Participating students will undertake their doctoral research under the supervision of NYU Shanghai faculty.

Highlights of the Program:
- Collaboration with renowned scholars at New York University, NYU Shanghai, and other universities within and outside China.
- Access to the vast intellectual resources of the NYU Global Network.
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Ph.D. Program: The N.E.T. Cognitive Neuroscience PhD Program | ECNU

In addition to the N.E.T. Ph.D. track, NYU Shanghai faculty also invites applications from students for the Master’s Program in Cognitive Neuroscience.

Student Internship Opportunities (SURP)

The NYU Shanghai Summer Undergraduate Research Experience Program (SURP) is designed to foster entry into neuroscience research careers for undergraduate students interested in neuroscience research.

Students apply for positions in a thematic summer program with renowned faculty advisors. During the program, they will actively participate in research projects in the laboratories of NYU Shanghai faculty members.

Success stories and mentorship experience in the SURP suggest a promising future in neuroscience research.
### RESEARCH

NYU-ECNU Institute of Brain and Cognitive Science at NYU Shanghai

The NYU-ECNU Institute of Brain and Cognitive Science at NYU Shanghai is a research institute dedicated to advancing the understanding of brain and behavior through fundamental research programs at NYU and at ECNU. The institute brings together researchers across departments to conduct interdisciplinary research. The goal is to improve scientific knowledge for the improvement of the human condition and to advance the next generation of scientifically literate and cognitive scientists.

Members of the Institute focus on basic and translational research in auditory and visual perception, speech and language, learning and memory, and decision making. Using behavioral, neuroscience, brain imaging, and computational modeling approaches, the Institute has formed an ecosystem for training talented undergraduates and graduate students as well as professionals. The Institute is operated by an advisory board of chairs from NYU and ECNU. The Advisory Board includes five members, with each member holding a 3-year term. The Institute has also established a summer school program to provide a multidisciplinary program in brain and cognitive science.

### FACULTY ADVISORS

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### Publications

**Journal of Neuroscience**  
*Neural coding and plasticity in visual processing*  
CT Zhu et al.  
2023  
**Current Biology**  
*Subcortical contributions to sensory plasticity and learning*  
CT Zhu et al.  
2022

**Research Interests**  
- Neural coding and plasticity in visual processing  
- Subcortical contributions to sensory plasticity and learning  
- Neural control of behavior and decision making  
- Computational modeling of neural systems  
- Neural network dynamics and plasticity in learning  
- Neural computation and learning in the brain

**Faculty Website**  
[shanghai.nyu.edu/academics/faculty/directory/sukbin-lim](shanghai.nyu.edu/academics/faculty/directory/sukbin-lim)

**Lab Website**  
[wp.nyu.edu/perception_action_lab](wp.nyu.edu/perception_action_lab)

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