

Jiahuan Liu

✉ liujh22@gmail.com

in Jiahuan Liu

🌐 <https://bigsaltyfisch.com/>

Education

- Aug 2025 – Present 📖 **Ph.D., Biology, University of Virginia, Charlottesville, USA**
Main courses: Neobiology, etc.
- Sep 2023 – May 2025 📖 **M.A., Psychology, New York University, New York, USA**
GPA: 3.84/4.00
Main courses: Cognitive neuroscience, EEG Processing, Bioinformatics, Neuropsychology, etc.
- Jan 2022 – Jun 2023 📖 **B.S., Psychology, James Cook University, Singapore**
GPA: 3.00/4.00
Main courses: Psychological Neuroscience, Memory and Cognition, Programming in Python, Machine Learning and Data Science, Psychometrics, etc.
- Sep 2016 – Sep 2019 📖 **B.S., Psychology, University of Tuebingen, Tuebingen, Germany**
GPA: 3.58/4.00
Main courses: General Psychology, Biological Psychology, Statistic in R, Social Psychology, Personality Psychology, Developmental Psychology, etc.

Research Publications

Journal Articles

- 1 Y. Zhu, H. Gelnaw, P. Leary, *et al.*, "Tau load in select brainstem neurons predicts the severity and nature of balance deficits in the absence of cell death," Oct. 2024. 📄 DOI: 10.1101/2024.10.14.618073.
- 2 J. Liu, "Impairment and control: Bilateral relationship between alcohol use disorder and working memory," *Journal of Education, Humanities and Social Sciences*, vol. 8, pp. 1599–1603, Feb. 2023, ISSN: 2771-2907. 📄 DOI: 10.54097/ehss.v8i.4529.
- 3 X. Ma, X. Yuan, J. Liu, *et al.*, "Gravity-dependent animacy perception in zebrafish," *Research*, vol. 2022, Jan. 2022, ISSN: 2639-5274. 📄 DOI: 10.34133/2022/9829016.

Skills

- Language 📖 Mandarin (Native), English (Excellent), German (Excellent, DSH-2, Goethe-Zertifikat B2).
- Computer Skills 📖 Proficient in Python, Matlab, R, SPSS, Adobe Illustrator.
- Lab Skills 📖 Zebrafish husbandry, Embryo screening and culture, EEG, MEG analysis, fMRI analysis, Gene sequencing analysis.

Miscellaneous Experience

Teaching Experiences

- Jul 2024 – Dec 2024 📖 **Teaching Assistant, NYU Department of Psychology**
Lecturer: Prof. Stephanie Keer
- May 2024 📖 **Project Grader, NYU Department of Psychology**
Cooperators: Prof. Elizabeth A. Bauer, Prof. David Bosch.

Miscellaneous Experience (continued)

Jan 2024 – May 2024



Recitation Leader, NYU Center for Neuroscience

Lecturers: Prof. Christine Constantinople, Prof. Simon Peron.

Awards and Achievements

Apr 2025



1st Place – 29th Annual NYU M.A. Psychology Research Conference (\$200)

References

Available on Request