

YINUO LIU

Boston University, United States

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EDUCATION

Boston University

September 2023 – Present

PhD in Speech, Language, and Hearing Sciences

Boston, United States

- Advisor: Dr. Tyler Perrachione
- GPA: 4/4

Zhejiang University

September 2019 – June 2023

Bachelor of Science in Psychology (Chu Kochen Honors College)

Hangzhou, China

Minor: English translation and interpretation

- GPA: 3.97/4, 1/60 in class

PH.D. RESEARCH INTERESTS

Cognitive and neural mechanisms underlying language processing (e.g., the representations of real-life speech with contexts); **Structure and functions of brain language network in the typical group and people with disorders** (e.g., dyslexia); **Computational modeling of human language processing**

PAPERS AND MANUSCRIPTS

Liu, Y., Choi, J.Y., & Perrachione, T.K. (Under Review). Systematic bias in surface area asymmetry measurements from automatic cortical parcellations.

Kong, X., Zhang, C., Liu, Y., & Pu, Y. (2022). Scanning reproducible brain-wide associations: Sample size is all you need? *Psychoradiology*, 2(3), 66-67.

CONFERENCE PRESENTATIONS

Liu, Y., Perrachione, T.K. (2025, September 14-18). Structural variation in human auditory cortex gyrification revealed by data-driven curvature-based clustering. *8th International Conference on Auditory Cortex*, Maastricht, Netherlands.

Belisle, R.M., Liu, Y., Stephen, E.P., & Perrachione, T.K. (2025, September 14-18). Structural predictors of receptive language selectivity in temporal cortex. *8th International Conference on Auditory Cortex*, Maastricht, Netherlands.

Liu, Y., Perrachione, T.K. (2025, September 12-14). Patterns of structural variation in human auditory cortex revealed by data-driven curvature-based clustering. *17th Annual Meeting of the Neurobiology of Language*, Washington, DC, United States.

Belisle, R.M., Liu, Y., & Perrachione, T.K. (2025, June 12-13). Shared and distinct precentral areas for speech production and receptive language in individual brains. *5th Biennial Boston Speech Motor Control Symposium*, Boston, MA, United States.

Liu, Y., Chin, J.A., & Perrachione, T.K. (2025, April 4). Neuroanatomical signatures of dyslexia found in microstructural but not macrostructural features of the superior temporal plane. *New England Research on Dyslexia Society*, Boston, MA, United States.

Liu, Y., Chin, J.A., & Perrachione, T.K. (2025, March 29-April 1). Hemispheric biases in automatic atlas-based cortical parcellations exaggerate surface area lateralization. *32nd Annual Meeting of the Cognitive Neuroscience Society*, Boston, MA, United States.

Liu, Y., Choi, J.Y., & Perrachione, T.K. (2024, October 4). Hemispheric biases in automatic cortical parcellations exaggerate surface area lateralization in primary auditory cortex and other key language areas. *Advances and Perspectives in Auditory Neuroscience XXII*, Chicago, IL, United States.

Liu, Y., Cai, Y. (2022, November 25-29). Posterior activities during encoding and early delay support the context binding. *15th Annual Meeting of Chinese Neuroscience Society*, Jiangsu, China.

Liu, Y., Zhang, C., Hu, H., Hu, Y., & Kong, X. (2022, June 7-8). Lateralization of language brain networks: A graph theory study. *OHBM 2022 Annual Meeting*, virtual.

Hu, H., Liu, Y., Hu, Y., & Kong, X. (2022, June 7-8). Machine learning reveals hemispheric differences in the human brain. *OHBM 2022 Annual Meeting*, virtual.

SELECTED HONORS AND AWARDS

Chinese National Scholarship (for top 1% students across China)	2020, 2022
Zhejiang University Scholarship - First Prize (for top 1% students at the university)	2020, 2021, 2022
First-Class Scholarship for Elite Students in Basic Sciences (for top 3% students)	2020, 2021, 2022
Scholarship for Leading Achievements (for top 3% students in the honors program)	2020, 2021