

Curriculum Vitae - Xianhui He

Education

- 2024- Present **DPhil in Experimental Psychology (Fully funded)**, University of Oxford (UK)
- 2021-2024 **Master's in Applied Psychology**, Zhejiang University (China)
- 08/2023 **Neural Computational Modeling summer course**, Chinese Neuroscience Society
- 07/2022 **Computational Neuroscience summer course**, Neuromatch Academy (NMA)
- 2017-2021 **BSc in Psychology**, Zhejiang University (China)

Publications and Preprints

He, X., Büchel, P. K., Faghel-Soubeyrand, S., Klingspohr, J., Kehl, M. S., & Staresina, B. P. (2025). *Sleep strengthens successor representations of learned sequences*. bioRxiv.

Yang, C., **He, X.**, & Cai, Y. (2025). Reactivating and reorganizing activity-silent working memory: Two distinct mechanisms underlying pinging the brain. *Cerebral Cortex*, 35(2), bhae494.

Li, C., Peng, Y., Wang, R., **He, X.**, Cai, Y., Ma, Y., Wu, D., Wang, M., & Zhang, S. (2024). *Amygdala engages non-emotional multi-item working memory maintenance through amygdala-hippocampus interaction*. bioRxiv.

Conference activity

- 03/2025 Cognitive Neuroscience Society conference 2025 (Datablitz talk)
- 03/2024 Cognitive Neuroscience Society conference 2024 (Datablitz talk)
- 07/2023 Working Memory Symposium 2023 (online talk)
- 07/2022 Working Memory Symposium 2022 (online talk)
- 03/2022 Cognitive Neuroscience Society conference 2022 (online poster)

Awards and Honours

- 2024-2027 Medical Sciences Graduate School Studentship at the University of Oxford
- 2024 Honored Graduate Student of Zhejiang University
- 2022-2023 Research Fund of Zhejiang University: XY2022035, CNY 5,000
- 2021-2023 Golden Age Studentship of Zhejiang University: CNY 20,000
- 2021 Honored Undergraduate Student of Zhejiang University
- 2020 Scholarship of Zhejiang Province: CNY 6,000
- 2019 Yong Ping Scholarship of Zhejiang University: CNY 6,000