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Education & Work

Beijing Normal University, China	September 2019 - June 2023
Bachelor of Science in Psychology (Supervisor: Prof. Qiandong Wang)	
The Chinese University of Hong Kong, Hong Kong SAR, China	August 2023 - July 2025
Full-time Research Assistant (RA) (Principal Investigator: Prof. Urs Maurer)	
The Chinese University of Hong Kong, Hong Kong SAR, China	August 2025 - June 2027
Master of Philosophy in Psychology (Supervisor: Prof. Urs Maurer)	

Research Interest & Skills

Interest: ① Clinical computational / multimodal research ② Neuroscience methodology / algorithm ③ Gene × Environment
Programming Skills: Fluent in Python, R, \LaTeX . Familiar with Matlab, JavaScript. Some of my codes on [GitHub](#) and [RPubs](#).
Language: Fluent in Cantonese, Mandarin (Mother tongue), and English (IELTS-A 7.5). Learning German (A2).

Publications (# denote as the co-first author) See full publication record on [Google Scholar](#)

- Huo, S.[#], Wang, J.[#], **Lam, T. K.**, Wong, B. W. L., Wu, K. C., Mo, J., & Maurer, U. (2024). Development of EEG Alpha and Theta Oscillations in the Maintenance Stage of Working Memory. *Biological Psychology*, 191, 108824.
- Wei, H.[#], **Lam, T. K.**[#], Liu, W., Su, W., Wang, Z., Wang, Q., Lin, X., & Li, P. (2025) Initial and Sustained Attentional Bias toward Emotional Faces in Patients with Major Depression Disorder. *Journal of Eye Movement Research*, 18 (6), 72.
- Li, Y.[#], Wang, Q.[#], Yuan, S., **Lam, T. K.**, Guo, K., Zhang, Y. & Yi, L. (2025). Reduced Attention to Human Eyes in Autism-associated Shank3 Mutant Laboratory Beagle Dogs. *Molecular Psychiatry*.

Work in progress

- Lam, T. K.**, Huo, S., Lui, K. F. H., McBride C., & Maurer, U. Posterior Periodic Alpha Power as a Neural Marker for Early Bilingual Skills: The Mediating Role of Rapid Automatized Naming and Intergenerational Transmission. [In preparation].
- Lam, T. K.**, Dong, Y., Zhu, H., Wei, H., Han, Y., & Gao, Y. Network Homogeneity Dysfunction in the Default Mode Network Correlates with Symptom Severity in Major Depressive Disorder. [In preparation].

Conferences (* denote as the presenter)

- Lam, T. K.***, Huo, S., Lui, K. F. H., McBride C., & Maurer, U. (February 2025). The Effect of Resting State Alpha Power on Basic Bilingualism in Hong Kong Chinese-English-speaking Children. *Presented at the ARWA (Association for Reading and Writing in Asia) Conference*, Cebu, Philippines.
- Lam, T. K.***, Huo, S., Chan, Y. H., Chen, Y., & Maurer, U. (July 2024). Intergenerational Transmission of Chinese Dyslexia. *Presented at the SSSR (Society for the Scientific Study of Reading) Conference*, Copenhagen, Denmark.

RA Experience

(Full-time RA) Cognitive Neuroscience of Language Lab, CUHK. Supervisor: Prof. Urs Maurer	Aug. 2023 - July 2025
(Part-time RA) Child Cognition Lab, BNU. Supervisor: Prof. Qiandong Wang	June 2021 - June 2023
(Part-time RA) Parental Emotional Regulation and Kids Lab, BNU. Supervisor: Prof. Zhuo Rachel Han	Sep. 2020 - June 2022
(Scientific Intern) Peking University Sixth Hospital. Supervisor: M.D. Peng Li	Nov. 2021 - Nov. 2022

References

Prof. Urs Maurer (MPhil. Supervisor) umaurer@cuhk.edu.hk Prof. Qiandong Wang (BSc. Supervisor) wangqd@bnu.edu.cn
Ph.D. Shuting Huo shutinghuo@cuhk.edu.hk Ph.D. Weijian Liu weijianl@drcmr.dk