

林德堃 Lam Tak Kwan Quentin (Modified on September 19, 2025)

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Rm 603C, 6F, Wong Foo Yuan Building, the Chinese University of Hong Kong (CUHK), Sha Tin.

This resume can be found through the link: [Quentin Lam's Resume](#)



Education & Work

Beijing Normal University, China

September 2019 - June 2023

Bachelor of Science in Psychology (Supervisor: Prof. Qiandong Wang)

Thesis title: Attentional Biases toward Emotional Faces in the Major Depressive Disorder: An Eye-tracking Study

The Chinese University of Hong Kong, Hong Kong SAR, China

August 2023 - July 2025

Full-time Research Assistant at the Cognitive Neuroscience of Language Lab (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)

(Pending) Thesis title: Genetic × Environmental factors contributing academic abilities and brain maturation in children

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)

Wei, H.[#], **Lam, T. K.[#]**, Liu, W., Su, W., Wang, Z., Wang, Q., Li, P., & Lin, X. (2025) Initial and Sustained Attentional Bias toward Emotional Faces in Patients with Major Depression Disorder. *Journal of Eye Movement Research* [Accepted].

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*.

<https://doi.org/10.1038/s41380-025-02965-7>

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.

<https://doi.org/10.1016/j.biopsycho.2024.108824>

Su, W., **Lam, T. K.**, Yi, Z., Ahemaitijiang, N., Han, Z. R., & Wang, Q. (2023). Dynamic Patterns of Affect-biased Attention in Children and its Relationship with Parenting. *International Journal of Behavioral Development*, 01650254231207596.

<https://doi.org/10.1177/01650254231207596>

XU Jianjie, ZHANG Yiyi, **LAM Tak Kwan**, CHE Liying, SONG Manman, HAN Zhuo. (2023). Parent-child Attachment and Children's Depressive Symptoms: The Role of Children's Biological Sensitivity and Parental Gender Differences. *Acta Psychologica Sinica*, 55 (3), 469. <https://doi.org/10.3724/SP.J.1041.2023.00469>

Su, W., Lin, X., Liu, W., **Lam, T. K.**, Li, P., & Wang, Q. (2025). The Impact of Depression and Social Anxiety on Eye Orientation and Disengagement in Individuals with and without Depression. *Journal of Affective Disorders* [Under Review].

Lam, T. K., Huo, S., Lui, K. F. H., McBride C., & Maurer, U. Periodic Alpha Power as a Domain-General Neural Foundation for Academic Skills: Mediation by Processing Speed and Intergenerational Transmission in Bilingual Children. [In preparation].

Yang, Y., Huo, S., Chan, Y. H., Wong, B. W. L., **Lam, T. K.**, & Maurer, U. (2025) Longitudinal Resting-State EEG Aperiodic and Periodic EEG Power Changes in Children with Developmental Dyslexia. [In preparation].

Conferences (* denote as the presenter)

- Lam, T. K.***, Liu, W., Su, W., Wang, Z., Li, P., Wang, Q., & Lin, X. (July 2025). Initial and Sustained Attentional Bias toward Emotional Faces in Major Depression Disorder. *Presented at the CP(Computational Psychiatry) Conference*, Tübingen, Germany.
- Lam, T. K.***, Huo, S., Lui, K. F. H., McBride C., & Maurer, U. (February 2025). The Effect of Resting State Alpha Power on Basic Biliteracy 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.
- Wang, Q., Li, X., Gong, X., Yin, T., **Lam, T. K.***, & Yi, L. (May 2023). Autistic Children's Visual Attention to Face Movement. *Presented at the INSAR (International Society for Autism Research) Conference*, Stockholm, Sweden.

Research Assistant Experience

Cognitive Neuroscience of Language Lab, CUHK. Supervisor: Prof. Urs Maurer August 2023 - July 2025
Full-time Research Assistant

- Writing the final report of the General Research Fund #14601921 awarded to Urs Maurer and Shuting Huo
- Teach two MA students (Supervisor: Ph.D. Shuting Huo) preprocess EEG data with Brain Vision Analyzer
- Apply algorithm to separate periodic and aperiodic component in EEG power spectra (Paper published)
- Generate assessment feedback reports for 2 different projects' children and parents (Python)

Child Cognition Lab, Beijing Normal University. Supervisor: Prof. Qiandong Wang June 2021 - June 2023
Part-time Research Assistant

- Machine learning for eye-tracking temporal dynamic data (Paper published)
- Eyelink eye-tracking experiment coding in Python with Psychopy
- Develop Python eye-tracking data preprocess pipeline
- Workstation (Linux) manager

Parental Emotional Regulation and Kids Lab. Supervisor: Prof. Zhuo Rachel Han September 2020 - June 2022
Part-time Research Assistant

- Conduct behavioral coding of 80 parent-child interactions based on Minnesota Longitudinal Study Manuals
- Assess physiological sensitivity by respiratory sinus arrhythmia (Biopac MP150) and brain activity with fNIRS (NIRx)

Teaching Assistant (TA) Experience and Workshop

CUHK

- TA at the undergraduate course, *Engagement and Assessment of Individuals with Common Mental Health Problems*.
Lecturer: Dr. Yan Yung Connie Ho (In Cantonese and English). 2025-2026 Term 1
- **Lam T. K.** (2025.04). A step by step guide to do moderation analysis with copilot in R. Rm 411, FYB, CUHK. (In English)

BNU

- TA at the undergraduate course, *Experiments in Experimental Psychology* 【實驗心理學實驗】.
Lecturer: Prof. Qiandong Wang (With Matlab & R in Chinese). 2022-2023 Term 1 & Term 2

Clinical Experience

Peking University Sixth Hospital, China. Supervisor: M.D. Xuebing Huang, Mr. Kun Jia

February 2025 - April 2025

Complete the Mindfulness-Based Cognitive Therapy (MBCT) 8-week program

Peking University Sixth Hospital, China. Supervisor: M.D. Peng Li

November 2021 - November 2022

Scientific Intern

- Trained to conduct the Mini International Neuropsychiatric Interview and MATRICS Consensus Cognitive Battery
- Assist in eye-tracking & fMRI data collection
- Recruit 24 major depressive disorder participants at the outpatient services

References

Prof. Urs Maurer (MPhil. Supervisor)

Associate Professor at the Department of Psychology, the Chinese University of Hong Kong.

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Prof. Qiandong Wang (BSc. Supervisor)

Associate Professor at the Faculty of Psychology, Beijing Normal University, China.

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Ph.D. Shuting Huo

Research Assistant Professor at the Department of Psychology, the Chinese University of Hong Kong.

shutinghuo@cuhk.edu.hk

Ph.D. Weijian Liu

Postdoc at Danish Research Centre for Magnetic Resonance, Department of Radiology and Nuclear Medicine, Copenhagen University Hospital Amager and Hvidovre, Hvidovre, Denmark.

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