

Tak Kwan Quentin Lam (Modified on March 16, 2025)

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603C, 6F, Wong Foo Yuan Building, The Chinese University of Hong Kong, 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: Ph.D. Qiandong Wang)	
The Chinese University of Hong Kong, Hong Kong SAR, China	August 2023 - July 2025
Full-time Junior Research Assistant (Present)	
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 \times Environment

Programming Skills: Fluent in Python, R, \LaTeX . Familiar with Matlab, JavaScript.

Some of my codes can be found on [GitHub](#) and [RPubs](#).

Language: Fluent in Cantonese, Mandarin (Mother tongue), and English (IELTS-A 7.0). Learning German (A1).

Lab Experience

(Present) Cognitive Neuroscience of Language Lab, CUHK. Supervisor: Prof. Urs Maurer	August 2023 - July 2025
<i>Junior Research Assistant</i>	
<ul style="list-style-type: none">Teach two MA students (Supervisor: Ph.D. Shuting Huo) using Brain Vision Analyzer to preprocess EEG dataUse FOOF package to separate periodic and aperiodic component in EEG power spectra (Paper published)Use Python to automatically generate Children and Parent reports as the reading assessment feedbackDeveloping Python EEG data preprocess pipeline	
Child Cognition Lab, Beijing Normal University. Supervisor: Ph.D. Qiandong Wang	June 2021 - June 2023
<i>Part-time Research Assistant</i>	
<ul style="list-style-type: none">TA at the Undergraduate course, Experiments in Experimental Psychology (In Matlab & R) 2022 Fall & 2023 SpringMachine Learning for eye-tracking temporal dynamic data (Paper published)Eyelink Eye-tracking experiment coding in Python with PsychopyDevelop Python Eye-tracking data preprocess pipeline	
Parental Emotional Regulation and Kids Lab. Supervisor: Prof. Zhuo Rachel Han	September 2020 - June 2022
<i>Part-time Research Assistant</i>	
<ul style="list-style-type: none">Conduct behavioral coding of 80 parent-child interactions based on Minnesota Longitudinal Study manualsAssess physiological sensitivity using respiratory sinus arrhythmia (Biopac MP150) and measured brain activity with functional near-infrared spectroscopy (fNIRS)	

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(MCBT) 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

Publications and Thesis

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.

Li, Y., Wang, Q., Yuan, S., **Lam, T. K.**, Guo, K., Zhang, Y. & Yi, L. (2024). Reduced Attention to Human Eyes in Autism-associated Shank3 Mutant Dogs. *Molecular Psychiatry* [Under 2nd round review].

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., Liu, W., Su, W., Wang, Z., Li, P., Wang, Q., & Lin, X. Initial and Sustained Attentional Bias toward Emotional Faces in Major Depression Disorder. [In preparation]

Lam, T. K., Wang, Q. (2023). *Attentional Biases toward Emotional Faces in the Major Depressive Disorder: An Eye-tracking Study*. (Unpublished bachelor's thesis). Beijing Normal University.

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. *Will be 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.