

Tsui Kam Hung, Harry

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ACADEMIC APPOINTMENTS

Research Assistant Professor, Division of Social Science, 09/2026 – Present
Hong Kong University of Science and Technology

ACADEMIC QUALIFICATIONS

Doctor of Philosophy (Ph.D.) in Psychiatry, Li Ka Shing Faculty of Medicine 12/2022 – 08/2026
The University of Hong Kong

Supervisor: Professor Chan Kit Wa Sherry

Thesis title: Mentalizing Across the Psychosis Continuum: Toward a Process-Level Account from Behavioral, Computational, and Attentional Evidence

Bachelor of Social Science (BSocSc), First Class Honors, Majoring in Psychology 09/2017 – 06/2021
The University of Hong Kong

PEER-REVIEWED PUBLICATIONS

1. Ho, R. H.L., **Tsui, H. K. H.** (co-first), ... & Chan, S. K. W. (2026). Natural Language Processing Application on Electronic Health Records for Psychosis: A Systematic Review. *npj Digital Medicine*. <https://doi.org/10.1038/s41746-026-03125-z> (IF 2025: 18; Rank: 1/188 in Health Care Sciences & Services)
2. **Tsui, H. K. H.**, ..., & Chan, S. K. W. (2026). Efficacy of non-invasive brain stimulation in treatment-resistant schizophrenia: A systematic review and network meta-analysis. *Neuroscience and biobehavioral reviews*, 182, 106549. <https://doi.org/10.1016/j.neubiorev.2026.106549> (IF 2024: 7.9; Rank: 3/57 in Behavioral Sciences)
3. **Tsui, H. K. H.**, Lo, J. C. C., & Chan, S. K. W. (2025). Mentalizing impairments across 11 psychiatric conditions: A transdiagnostic systematic review and network meta-analysis of tasks with static illustrations. *European Psychiatry*, 69(1), e2. <https://doi.org/10.1192/j.eurpsy.2025.10146> (IF 2024: 6.7; Rank: 18/288 in Psychiatry)
4. **Tsui, H. K. H.**, Kranz, G. S., Zheng, Y., Hsiao, J. H., & Chan, S. K. W. (2025). Efficacy of non-invasive brain stimulation on theory of mind and emotion processing in neuropsychiatric disorders: A systematic review and meta-analysis. *Neuroscience and biobehavioral reviews*, 178, 106380. <https://doi.org/10.1016/j.neubiorev.2025.106380> (IF 2024: 7.9; Rank: 3/57 in Behavioral Sciences)
5. **Tsui, H. K. H.**, Liao, Y., Hsiao, J. H., ..., & Chan, S. K. W. (2025). Eye Movement Abnormalities During the Gaze Perception Task in Individuals With Clinical High Risk for Psychosis: A Discriminant Analysis With Hidden Markov Models. *Schizophrenia Bulletin*, sbaf105. <https://doi.org/10.1093/schbul/sbaf105> (IF 2023: 5.3; Rank: 28/279 in Psychiatry)
6. **Tsui, H. K. H.**, Chan, S. K. W., ..., & Hsiao, J. H. W. (2025). Differential Mask Effects on Emotion Recognition and Eye Movements in Psychotic-like Experiences and Autism: Insights from Hidden Markov Modeling. *Journal of Psychiatric Research*. <https://doi.org/10.1016/j.jpsychires.2025.07.025> (IF 2023: 3.7; Rank: 63/279 in Psychiatry)
7. **Tsui HKH**, Liao Y, Hsiao JH, Suen YN, ... & Chan SKW. (2024). Mentalizing impairments and hypermentalizing bias in individuals with first-episode schizophrenia-spectrum disorder and at-risk mental state: the differential roles of neurocognition and social anxiety. *European Archives of Psychiatry and Clinical Neuroscience*, 1-13. <https://doi.org/10.1007/s00406-024-01830-y> (IF 2022: 4.7; Rank: 55/155 in Psychiatry)
8. **Tsui HKH**, Wong TY, Ma CF, Wong TE, Hsiao JH, Chan SKW. (2024). Comparison of Negative Symptom Network Structures Between Patients With Early and Chronic Schizophrenia: A Network and Exploratory Graph Analysis. *Schizophrenia Bulletin*, sbae135. <https://doi.org/10.1093/schbul/sbae135> (IF 2022: 6.6; Rank: 25/144 in Psychiatry)
9. **Tsui HKH**, Luk SL, Hsiao J, Chan SKW. (2024). Facial Emotion Perception in Subjects with Clinical High Risk for Psychosis Compared with Healthy Controls, First-Episode Psychosis, and in Predicting Psychosis Transition:

A Systematic Review and Meta-Analysis. *Psychiatry Research*, 116143.

<https://doi.org/10.1016/j.psychres.2024.116143> (IF 2022: 11.3; Rank: 7/144 in Psychiatry)

10. **Tsui HKH**, Wong TY, Ma CF, Wong TE, Hsiao J, & Chan SKW. (2024). Reliability of Theory of Mind Tasks in Schizophrenia, ASD, and Nonclinical Populations: a systematic review and meta-analysis. *Neuropsychology Review*. <https://doi.org/10.1007/s11065-024-09652-4> (IF 2023: 5.4; Rank: 8/180 in Psychology, Clinical)
11. Wong, C. T. W., **Tsui, H. K. H.**, ..., & Chan, S. K. W. (2025). A Global meta-analysis of digital divide in psychiatric population from 2004 to 2023. *npj Digital Medicine*, 9(1), 26. <https://doi.org/10.1038/s41746-025-02203-y> (IF 2024: 15.1; Rank: 1/188 in Health Care Sciences & Services)
12. Sum, M. Y., Wong, C. T. W., Chu, S. T., **Tsui, H. K. H.**, Suen, Y. N., Lee, E. H. M., Hui, C. L. M., Chang, W. C., Lim, K., & Chan, S. K. W. (2025). An ecological momentary assessment of the dynamic relationship between microaggression, idea of reference and affects in patients with first-episode psychosis. *BMC psychiatry*, 25(1), 1137. <https://doi.org/10.1186/s12888-025-07609-2> (IF 2024: 3.6; Rank: 68/288 in Psychiatry)
13. Vann-Adibe S, **Tsui HKH**, Chan SKW. (2025). Efficacy and Methodology of Remote Heart Rate Variability Biofeedback Interventions for Mental Health: A Systematic Review and Meta-Analysis. *Applied Psychophysiology and Biofeedback*. <https://doi.org/10.1007/s10484-025-09750-w> (IF 2024: 2.4; Rank: 65/185 in Psychology, Clinical)
14. Lim, H. C., **Tsui, H. K. H.**, Wong, J. T., Chen, K. Y., Hau, F., Ma, D. C. F., Tang, J. Y. M., & Chan, S. K. W. (2025). Childhood trauma and longitudinal clinical outcomes in bipolar affective disorder: a systematic review. *East Asian archives of psychiatry*, 35(3), 185–193. <https://doi.org/10.12809/eaap2512>
15. Ciren, Z., **Tsui, H.K.H.** & Chan, S.K.W. Effects of Resilience Interventions for Adolescents and Young Adults Without Psychiatric Diagnoses: A Systematic Review and Network Meta-analysis of Randomized Controlled Trials. *Adolescent Res Rev* (2025). <https://doi.org/10.1007/s40894-025-00270-6> (IF 2024: 8.1; Rank: 2/94 in Psychology, Developmental)
16. Chan, S. K. W., Pang, T. S. W., **Tsui, H. K. H.**, Suen, Y. N., YAN, E. W. C., Tsui, C. F., ... & Honer, W. G. (2024). Modeling the effects of treatment resistance and anticholinergic burden on cognitive function domains in patients with schizophrenia. *Psychiatry Research*, 115985. <https://doi.org/10.1016/j.psychres.2024.115985> (IF 2022: 11.3; Rank: 9/155 in Psychiatry)
17. Ngan, S. T. J., Cheng, C. P. W., Chan, W. C., **Tsui, K. H. H.**, Chan, S. M. C., & Chan, K. W. S. (2024). The modulation effect of cognition on mentalization in late-life depression: a study of gaze perception—a potential screening tool for high-risk group of late-life depression. *Frontiers in Psychiatry*, 15, 1199119. <https://doi.org/10.3389/fpsy.2024.1199119> (IF 2022: 4.7; Rank: 53/155 in Psychiatry)
18. Sum, M. Y., Chan, S. K. W., **Tsui, H. K. H.**, & Wong, G. H. Y. (2023). Stigma towards mental illness, resilience, and help-seeking behaviours in undergraduate students in Hong Kong. *Early Intervention in Psychiatry*, 18(3), 181-189. <https://doi.org/10.1111/eip.13455>
19. Cheuk, N. K. W., Tse, W., **Tsui, H. K. H.**, ..., & Chan, S. K. W. (2023). A systematic review and meta-analysis of the effect of clozapine on cognitive functions in patients with treatment-resistant schizophrenia. *Schizophrenia research*, S0920-9964(23)00338-9. Advance online publication. <https://doi.org/10.1016/j.schres.2023.09.027> (IF 2022: 4.5; Rank: 57/155 in Psychiatry)

CONFERENCE PRESENTATIONS

1. **Tsui HKH**, ..., & Chan SKW. Natural Language Processing Application in Electronic Health Records Studies for Psychosis: a systematic review. *Digital Mental Health International Conference 2026*. (Oral Presentation)
2. **Tsui HKH**, ..., & Chan SKW. Artificial Intelligence–Based Versus Human-Delivered Mental Health Interventions: A Systematic Review and Network Meta-Analysis of Randomized Controlled Trials. *Digital Mental Health International Conference 2026*. (Oral Presentation)
3. **Tsui HKH**, Hsiao J, ..., & Chan SKW. Computational Archetypes of Social Cognitive Mechanistic Profiles During Gaze Perception and Social Functioning Across Psychiatric Disorders. *2026 Hong Kong Psychological Society Annual Conference*. (Poster Presentation) (Best Poster Prize)
4. **Tsui HKH**, ..., & Chan SKW. Artificial Intelligence–Based Versus Human-Delivered Mental Health

Interventions: A Systematic Review and Network Meta-Analysis of Randomized Controlled Trials. *2026 Hong Kong Psychological Society Annual Conference*. (Poster Presentation)

5. **Tsui HKH**, Hsiao J, ..., & Chan SKW. Computational Archetypes of Social Cognitive Mechanistic Profiles During Gaze Perception and Social Functioning Across Psychiatric Disorders. *2026 Annual Congress of the Schizophrenia International Research Society*. **(Oral Presentation)**
6. **Tsui HKH**, Hsiao J, ..., & Chan SKW. Eye Movement Abnormalities during the Gaze Perception Task in Individuals with Clinical High Risk for Psychosis with Hidden Markov Models. Oral Presentation. The 2025 HKCPsych International Mental Health Congress. *Ab 303*. **(Oral Presentation)**
7. **Tsui HKH**, Hsiao J, ... & Chan SKW. Non-Invasive Brain Stimulation on Positive Symptoms and Auditory Hallucinations in Treatment-Resistant Schizophrenia: A Systematic Review and Network Meta-Analysis. *2025 Annual Congress of the Schizophrenia International Research Society*. (Poster Presentation)
8. **Tsui HKH**, Hsiao J, ... & Chan SKW. Eye movements in the gaze perception task: implicit social cognitive processing and a potential biomarker for detecting clinical high risk for psychosis. *2024 Annual Congress of the Schizophrenia International Research Society*. S25. (Poster Presentation)
9. **Tsui HKH**, Pang TSW, Hsiao J, ..., & Chan SKW. Interaction Effects of Gender and Cognitive Function on ToM Impairments in Individuals with First-Episode Schizophrenia Spectrum Disorders. *2023 Annual Congress of the Schizophrenia International Research Society*. S56. (Poster Presentation)

AWARDS & HONOURS

Best Poster Prize, 2026 HKPS Annual Conference	2026
Reaching Out Awards, HKSAR Government Scholarship Fund	2026
For Our Future Innovation and Technology Scholarship, GBA Youth Foundation	2026
HKU Foundation First Year Excellent PhD Award , HKU	2025
Y S and Christabel Lung Postgraduate Scholarship, HKU	2025
Li Po Chun Charitable Trust Fund Postgraduate Scholarships, HKU	2025 – 2026
Mary Sun Medical Scholarships, HKU	2025
Evergreen Scholarships for Student Enrichment, HKU	2019
Dean's Honours List, Faculty of Social Sciences, HKU	2018

ACADEMIC SERVICE

Ad Hoc Reviewer:

Schizophrenia Bulletin; Schizophrenia Research; Schizophrenia (Springer Nature); Scientific Reports (Springer Nature); Journal of Psychiatric Research; BMC Psychiatry; BMC Medical Informatics and Decision Making; Psychiatry Research Communications