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Education

The Chinese University of Hong Kong – Doctor of Philosophy in Psychology, June 2027

- Dissertation Advisor: Helene Fung
- Postgraduate studentship, PhD International Mobility for Partnerships and Collaborations Award (PhD IMPAC Award)

King's College London – Visiting PhD student, February 2026

- Advisor: Dag Aarsland

Tianjin University – Master of Applied psychology, January 2022

- Dissertation Advisor: Bin Yu
- Dissertation Project: *Social isolation, loneliness, and cognitive function among Chinese older adults (Outstanding thesis of Tianjin University)*

Jilin University – Bachelor of Engineering

- Major: Material Forming and Control Engineering

Publications

Guo, L., Zhou, Y., Lu, H., & Fung, H. H. (2025). The moderating effect of cognitive reserve on the association between neuroimaging biomarkers and cognition: A systematic review. *Neurobiology of Aging*, 156, 10-29.

Guo, L., An, L., Luo, F., & Yu, B. (2020). Social isolation, loneliness and functional disability in Chinese older women and men: a longitudinal study. *Age and Ageing*, 50(4), 1222-1228.

Guo, L.#, Yang, L.#, Rao, L., Luo, F., Gao, N., Jia, X., & Yu, B. (2022). Too depressed to breathe: the longitudinal association between depressive symptoms and lung function among general middle-aged and older adults. *Archives of Gerontology and Geriatrics*, 104797.

Guo, L., Luo, F., Gao, N., & Yu, B. (2021). Social isolation and cognitive decline among older adults with depressive symptoms: prospective findings from the China Health and Retirement Longitudinal Study. *Archives of Gerontology and Geriatrics*, 104390.

- Guo, L.,** An, L., Wang, N., Ni, T., Wang, X., Zhou, Y., . . . Yu, B. (2024). Prospective association between social isolation, loneliness and lung function among Chinese middle-aged and older adults. *Australasian Journal on Ageing*, 43(4), 675-682.
- Zhou, Y., Sheehan, R., **Guo, L.,** & Strydom, A. (2025). Blood-based biomarkers for Alzheimer's disease in Down syndrome: A systematic review and meta-analysis. *Alzheimer's & Dementia*, 21(4), e70135.
- Song, Y., **Guo, L.,** Zhu, H., & Yu, B. (2025). Only child or multiple children? The number of children and cognition in older Chinese parents. *Australasian Journal on Ageing*, 44(1), e70009.
- Song, Y., Steptoe, A., Yang, H., Ma, Z., **Guo, L.,** Yu, B., & Xia, Y. (2025). Loneliness and Risk of Incident Hearing Loss: The UK Biobank Study. *Health Data Science*, 5, 0281.
- Lee, T.-l., **Guo, L.,** & Chan, A. S. (2024). fNIRS as a biomarker for individuals with subjective memory complaints and MCI. *Alzheimer's & Dementia*, 20(8), 5170-5182.
- Liu, Z., Shi, D., Cai, Y., Li, A., Lan, G., Sun, P., Liu, L., Zhu, Y., Yang, J., Zhou, Y., **Guo, L.,** Zhang, L., . . . Guo, T. (2024). Pathophysiology characterization of Alzheimer's disease in South China's aging population: for the Greater-Bay-Area Healthy Aging Brain Study (GHABS). *Alzheimer's Research & Therapy*, 16(1), 84.
- Li, Y., Wu, Q., **Guo, L.,** Weerawardena, N. S., Luo, F., & Yu, B. (2023). Dyadic effects of cognitive function on depressive symptoms among middle-aged and older Chinese couples. *International Journal of Geriatric Psychiatry*, 38(4), e5909.
- Luo, F., **Guo, L.,** Thapa, A., & Yu, B. (2021). Social isolation and depression onset among middle-aged and older adults in China: Moderating effects of education and gender differences. *Journal of Affective Disorders*, 283, 71-76.
- Li, A., Zhao, R., Zhang, M., Sun, P., Cai, Y., Liu, L., Lan, G., Zhu, Y., Chen, X., **Guo, L.,** Zhou, Y., Sun, K., Zhu, L., Kung, H. F., Wang, Q., Xu, L., Han, Y., Wang, X., & Guo, T. (2023). [18F]-D3FSP amyloid- β PET imaging in elderly adults and Alzheimer's disease. *Alzheimer's & Dementia*, 19(S17), e079352.
- Guo, T., Zhang, M., Shi, D., Li, Y., Chen, X., Zhao, R., Lan, G., Cai, Y., Sun, P., Li, A., Zhu, Y., Liu, L., **Guo, L.,** Zhou, Y., Liu, Z., Sun, K., Wang, X., Xu, L., Wang, Q., & Han, Y. (2023). Plasma biomarker and neuroimaging changes in a Chinese community aging cohort: The Greater-Bay-Area Healthy Aging Brain Study (GHABS). *Alzheimer's & Dementia*, 19(S14), e077578.

Awards

2025 PhD International Mobility for Partnerships and Collaborations Award
 2021 National Scholarship Award for Postgraduates
 2022 Outstanding Master's Thesis of Tianjin University
 2022 Outstanding Peer Tutor of Tianjin University Academic Winter Camp
 2021 Tianjin University Merit Student

Reviewer

Alzheimer's & Dementia

Depression & Anxiety

Age and Ageing

BMC public health

International Journal of Geriatric Psychiatry

Psychogeriatrics

Health Policy and Technology

Frontiers in Cardiovascular Medicine

Frontiers in Public Health