

# Lizhi Guo

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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- $\beta$  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

- 2016 National Silver Award of the 2nd China International College Students' 'Internet+' Innovation and Entrepreneurship Competition

## **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*