



Yuyin Xiao

Postdoctoral Scholar, Economics

Bio

BIO

Yuyin Xiao is the postdoctoral researcher of the Freeman Spogli Institute for International Studies at Stanford University. She received her MS and PhD from Shanghai Jiaotong University. Her research focuses almost exclusively on low- and middle-income countries and is concerned with: health policy, including health equity, supply, demand and utilization of health service programs, and research on health service systems; health technology and innovation, including digital health, development of digital health tools, and evaluation of the effectiveness of digital interventions. Yuyin's papers have been published in leading academic journals, including British Medical Journal, Journal of Medical Internet Research, Journal of Biomedical Informatics, BMC Public Health and others.

INSTITUTE AFFILIATIONS

- Member, Maternal & Child Health Research Institute (MCHRI)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Global Health Postdoctoral Affiliate, Center for Innovation in Global Health (CIGH) (2025 - present)

STANFORD ADVISORS

- Scott Rozelle, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Effect of the 'digital plus' approach to upscaling early childhood development services in rural China: study protocol for a cluster randomised controlled trial.** *BMJ open*
Wang, B., Xiao, Y., Qian, Y., Li, S., Zhang, H., Reiling, K., Rozelle, S.
2025; 15 (11): e099427
- **Early childhood sleep patterns and association with caregiver-child relationships in rural China: caregiver depression as a mediator.** *Journal of pediatric psychology*
Xiao, Y., Wang, B., Li, S., Jiang, Q., Zhang, H., Rozelle, S.
2025
- **Screen Exposure and Early Childhood Development in Resource-Limited Regions: Findings From a Population-Based Survey Study.** *Journal of medical Internet research*
Xiao, Y., Emmers, D., Li, S., Zhang, H., Rule, A., Rozelle, S.
2025; 27: e68009
- **Prevalence and impact of parental co-morbid anxiety and depression during the first 2#years postpartum in China.** *Journal of affective disorders*

Xu, J., Xiao, Y., Li, F., Cui, Y., Shi, C., Shi, J., Yu, C., Qi, S., Lu, C., Li, G., Jiang, F.
2025

- **The mediating effect of family support in the relationship between socio-economic status and postpartum depressive symptoms.** *BMC public health*
Xiao, Y., Cui, Y., Li, F., Zeng, W., Rozelle, S., Shi, C., Xu, J., Shi, J., Li, G., Jiang, F.
2024; 24 (1): 3374
- **Empowering new mothers in China: role of paediatric care in screening and management of postpartum depression** *BMJ-BRITISH MEDICAL JOURNAL*
Zhang, Y., Wang, H., Wu, S., Xiao, Y., Jiang, F.
2024; 386: e078636
- **What has the appraisal for hospitals brought to job satisfaction of healthcare professionals? A cross-sectional survey in China** *BMJ OPEN*
Li, X., Lu, M., Shi, C., Song, K., Xiao, Y., Bian, D., Xu, S., Li, G.
2024; 14 (8)
- **Mental health disparities between physicians and nurses: Analyzing the impact of occupational stress and work environment fitness using random forest algorithm.** *Journal of affective disorders*
Lu, M., Li, X., Song, K., Xiao, Y., Zeng, W., Shi, C., Fan, X., Li, G.
2024; 350: 350-358
- **Health care costs of cardiovascular disease in China: a machine learning-based cross-sectional study.** *Frontiers in public health*
Lu, M., Gao, H., Shi, C., Xiao, Y., Li, X., Li, L., Li, Y., Li, G.
2023; 11: 1301276
- **Measuring and improving performance of clinicians: an application of patient-based records.** *BMC health services research*
Dong, M., Xiao, Y., Shi, C., Li, G.
2023; 23 (1): 775
- **Determinants Influencing the Adoption of Internet Health Care Technology Among Chinese Health Care Professionals: Extension of the Value-Based Adoption Model With Burnout Theory.** *Journal of medical Internet research*
Bian, D., Xiao, Y., Song, K., Dong, M., Li, L., Millar, R., Shi, C., Li, G.
2023; 25: e37671
- **The Application of Graph Theoretical Analysis to Complex Networks in Medical Malpractice in China: Qualitative Study.** *JMIR medical informatics*
Dong, S., Shi, C., Zeng, W., Jia, Z., Dong, M., Xiao, Y., Li, G.
2022; 10 (11): e35709
- **Development and validity of computerized neuropsychological assessment devices for screening mild cognitive impairment: Ensemble of models with feature space heterogeneity and retrieval practice effect.** *Journal of biomedical informatics*
Xiao, Y., Jia, Z., Dong, M., Song, K., Li, X., Bian, D., Li, Y., Jiang, N., Shi, C., Li, G.
2022; 131: 104108
- **Which Contributes to Clinical Performance: Academic Output or Person-Environment Fit?** *Frontiers in public health*
Dong, M., Xiao, Y., Shi, C., Zeng, W., Wu, F., Li, G.
2022; 10: 801917
- **Impact of the COVID-19 Pandemic on Chronic Disease Care in India, China, Hong Kong, Korea, and Vietnam.** *Asia-Pacific journal of public health*
Singh, K., Xin, Y., Xiao, Y., Quan, J., Kim, D., Nguyen, T., Kondal, D., Yan, X., Li, G., Ng, C. S., Kang, H., Minh Nam, H., Mohan, et al
1800: 10105395211073052
- **Rating Hospital Performance in China: Review of Publicly Available Measures and Development of a Ranking System.** *Journal of medical Internet research*
Dong, S., Millar, R., Shi, C., Dong, M., Xiao, Y., Shen, J., Li, G.
2021; 23 (6): e17095
- **Person-environment fit and medical professionals' job satisfaction, turnover intention, and professional efficacy: A cross-sectional study in Shanghai.** *PloS one*

Xiao, Y., Dong, M., Shi, C., Zeng, W., Shao, Z., Xie, H., Li, G.
2021; 16 (4): e0250693