

Yanshang Wang

Curriculum Vitae

CONTACT

PKU China Center for Health Development Studies
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EDUCATION

Research Assistant

Heidelberg Institute of Global Health, Heidelberg University
(Mentor: Prof. Till Bärnighausen)

Aug 2024-present

Visiting Researcher

School of Public Health, Imperial College London (Mentor: Dr. Benedict Hayhoe and Dr. Grazia Antonacci)

Apr 2024-present

Ph.D. Student

China Center for Health Development Studies (CCHDS), Peking University (985 & 211 Project) (Supervisor: Prof. Ping He)

Sep 2020-present

- Rank: 4/56
- Courses (Selected): Epidemiology, Health Economics, Causal Inference, Econometrics, etc.
- Honors and Fellowships (Selected): Outstanding Scientific Research Award, Merit Student, etc.

B.A. in Management

School of Public Health, Tianjin Medical University (211 Project)

Sep 2016-June 2020

- Rank: 1/27
- Courses (Selected): Mathematics, Health Economics, Labor Economics, Statistics, Social Medicine, Health Service Research, etc.
- Honors and Fellowships (Selected): Merit Student, First-Class Scholarship of School, Excellent Graduate, etc.

RESEARCH INTERESTS

- Population Health, Health Policy, Social Epidemiology, Causal Inference, Implementation Science

PUBLICATIONS

Peer Reviewed Articles (Selected)

27. **Wang, Y.**, Guo, D., Xia, Y., ... & He, P. (2025). Cost-Effectiveness of Community-based Integrated Care Model for Patients with T2DM and Depressive Symptoms. *Nature Communications*.
26. **Wang, Y.**, Xia, Y., Yuan, Y., ... & He, P. (2025). The static and dynamic effects of stroke onset on depressive symptoms in middle-aged and older adults: evidence across 21 countries. *JAMA*.
25. **Wang, Y.**, Guo, D., Wang, M., ... & He, P. (2024). Effect of Community-based integrated care for patients with diabetes and depression (CIC-PDD) in China: a pragmatic cluster-randomized trial. *Diabetes Care*.

24. **Wang, Y.**, Wang X. & Ye, X. (2024). Inequalities in unmet needs for healthcare services among middle-aged and older adults in China. *Journal of Aging & Social Policy*.
23. **Wang, Y.**, & He, P. (2024). The Effects of College Education on Depressive Symptoms: An Instrument Variable Approach. *Depression and Anxiety*, 2024(1), 4110906.
22. **Wang, Y.**, Ding, R., Luo, Y., He, P., & Zheng, X. (2024). Does college education reduce the risk of schizophrenia? Evidence from a college enrollment expansion policy in China. *Schizophrenia Research*, 264, 519-525.
21. **Wang, Y.**, Guo, D., Wang, M., Hu, M., Zhu, D., Yu, Q., ... & He, P. (2023). Community-based integrated care for patients with diabetes and depression (CIC-PDD): study protocol for a cluster randomized controlled trial. *Trials*, 24(1), 550.
20. **Wang, Y.**, Hu, M., Ding, R., & He, P. (2022). The Dynamic Relationship Between Subjective Social Status and Health: Evidence from A Chinese Cohort Study. *British Journal of Health Psychology*.
19. **Wang, Y.**, Hu, M., Zhu, D., Ding, R., & He, P. (2022). Effectiveness of Collaborative Care for Depression and HbA1c in Patients with Depression and Diabetes: A Systematic Review and Meta-Analysis. *International Journal of Integrated Care*.
18. **Wang, Y.**, Sun, H., Zou, J., Ning, J., & Du, Y. (2021). Evaluation Model for Hospital Response Capability for Public Health Emergency. *Disaster Medicine and Public Health Preparedness*, 15(4), 403-408.
17. Guo, D., **Wang, Y.**, Zhao, Y., et al (2024). Association between toothbrushing behavior and cardiometabolic multimorbidity among middle aged and older adults in North China: a cross-section study. *BMC Oral Health*, 24: 1333.
16. Yuan, Y., Si, H., Shi, Z., **Wang, Y.**, Xia, Y., Guan, X., & He, P. (2024). Association of Cognitive Frailty with Subsequent All-Cause Mortality Among Middle-Aged and Older Adults in 17 Countries. *The American Journal of Geriatric Psychiatry*.
15. Su, Q., **Wang, Y.**, & Fan, L. (2024). The Impact of Informal Care on Healthcare Utilization of Older Adults with Functional Limitations in China. *Journal of Gerontological Social Work*, 1-16.
14. Wang, M., Hu, M., **Wang, Y.**, Long, C., Xia, Y., Zhu, D., ... & He, P. (2023). Willingness to vaccinate against herpes zoster in Chinese urban population: a mixed-methods study. *BMJ open*, 13(12), e079115.
13. Ye, X., Li, W., **Wang, Y.**, Hu, M., Zhu, D., Shi, X., & He, P. (2024). Effects of retirement on inpatient healthcare utilisation: an observational study in China. *BMJ open*, 14(1), e077969.
12. Ye, X., & **Wang, Y.** (2023). Association of urban-rural health insurance integration with health outcomes among middle-aged and older adults in rural China. *JAMA Network Open*, 6(4), e237583-e237583.
11. Hu, M., **Wang, Y.**, Wang, M., Zhu, D., Li, W., Yu, R., ... & He, P. (2023). Data envelopment analysis on the efficiency of vaccination services and its influencing factors in Beijing, China. *BMC Health Services Research*, 23(1), 1-8.

10. Ding, R., **Wang, Y.**, Ye, X., Zhu, D., Shi, X., & He, P. (2022). Antidepressant Use and Expenditure in The Treatment of Patients with Depression: Evidence from China Urban Medical Claims Data. *Journal of Affective Disorders*, 296, 603-608.
9. Ding, R., Zhao, M., **Wang, Y.**, Wang, M., Guo, D., Liu, X., ... & He, P. (2023). Community-based rehabilitation interventions on quality of care for people with schizophrenia in China (CRISC): study protocol for a cluster-randomized controlled trial. *BMC psychiatry*, 23(1), 1-10.
8. Ye, X., Zeng, F., **Wang, Y.**, Ding, R., Zhao, M., Zhu, D., & He, P. (2023). Effectiveness of Community-Based Rehabilitation Interventions on Symptoms and Functioning for People with Schizophrenia: A Systematic Review and Meta-Analysis. *Psychiatric Quarterly*, 1-29.
7. Ye, X., Zhu, D., **Wang, Y.**, Chen, S., Gao, J., Du, Y., ... & He, P. (2022). Impacts of the Hearing Aid Intervention on Healthcare Utilization and Costs Among Middle-Aged and Older Adults: Results from A Randomized Controlled Trial in Rural China. *The Lancet Regional Health-Western Pacific*, 100594.
6. Ding, R., Zhu, D., **Wang, Y.**, Yong, M., Shi, X., & He, P. (2022). Medical Service Utilisation and Direct Medical Cost of Depression: A Cross-Sectional Analysis of Urban Medical Claims Data from China. *BMJ open*, 12(9), e056422.
5. Ding, R., Ye, X., Chen, S., **Wang, Y.**, Zhu, D., & He, P. (2022). Does self-perceived income priority matter? The association between income inequality and allostatic load in China. *Stress*, 25(1), 1-8.
4. **Wang, Y.**, Gu, T., Chu, Hai., & Du, Y. (2020). The Impact of Environmental Conditions on Health Status of Urban and Rural Residents in China. *Chinese Public Health*, 09, 1264-1267. (Chinese Publication)
3. **Wang, Y.**, Hao, L., Guo, Y., Chen, X., & Du, Y. (2019). Emergency Treatment Drill and Evaluation of Mass Casualties in Tianjin General Medical Institutions. *Chinese Journal of Hospital Management*, 02, 163-167. (Chinese Publication)
2. **Wang, Y.**, Zhan, T., Wang, X., Li, H., Dong, X., Xuan, L., & Du, Y. (2019). A Comprehensive Evaluation of Health Service Level of Chinese Traditional Chinese Medicine Hospitals. *Medicine and Society*, 05, 18-21. (Chinese Publication)
1. **Wang, Y.**, Sun, H., Ning, J., Yang, X., Zou, J., & Du, Y. (2018). Evaluation of the Allocation of Health Resources in Tianjin. *Medicine and Society*, 08, 14-16. (Chinese Publication)

Working papers

6. **Wang, Y.** & He, P. Effects of the integrated care on healthcare utilization and costs among patients with diabetes depression: a cluster randomized controlled trial (Under Peer Review.)
5. **Wang, Y.** & He, P. The Spillover effects of Cancer on Depressive Symptoms: Causal Evidence from a Multicohort Study (Under Peer Review.)
4. **Wang, Y.**, Shi, Z. & He, P. Can Price Reforms in the Healthcare System Still Be Effective? Evidence from China (Writing.)
3. Yan, Z., Li, H. & **Wang, Y***. The Spillover Effects of Early Health Shocks on Students' Outcomes (Submitted.)

2. **Wang, Y.** & He, P. Readiness, barriers and facilitators of implementation of community-based integrated care for patients with diabetes and depression (CIC-PDD)-a mixed method study (Submitted.)
1. **Wang, Y.** & He, P. Why Does Mental Health Deteriorate in Adults? The Role of in Utero Malnutrition and Son-preference (Under Peer Review.)

FUNDED RESEARCH

- Major Project of the National Social Science Fund of China, Research on Disability Prevention Strategies and Applications in The Context of Population Aging (21&ZD187) (Recognized Researcher) 2022-2024
- CMB-OC2, The Impact of Community-Based Rehabilitation Interventions on Quality of Care for People with Schizophrenia: A Cluster-Randomized Controlled Trial (20-375) (Recognized Researcher) 2021-2023
- Beijing Municipal Science & Technology Commission, Impact of Integrated Care on Patients with Diabetes and Depression and Evaluation of Health Economics (21I10124) (Recognized Researcher) 2021-2023
- National Social Science Foundation of China, Research on the Impact of Human Resource Patchwork of Emergency Medical Rescue Teams on the Maturity of Rescue Capability and its Improvement Countermeasures (19BGL247) (Recognized Researcher) 2020-2022

SELECTED INVITED TALKS AND CONFERENCE PRESENTATIONS

- Second Doctoral Symposium on "Population and Development" (online), Oral Presentation July 2022
- Twentieth Quarterly Meeting of Labor Economics in China (online), Oral Presentation March 2022
- International Conference on Integrated Care 2022 (Online), Digital Poster May 2022
- International Conference on Integrated Care 2024, Oral Presentation April 2024
- European Health Economics Association 2024, Oral Presentation June 2024
- Workshop on Healthy Ageing and Adult Caregiving, Oral Presentation October 2024

AWARDS

- The 15th "Challenge Cup" Extra-Curricular Academic Works Competition for College Students, *National Third Prize* 2019
- The 4th "Internet+" Student Innovation and Entrepreneurship Competition, *Second Prize of Tianjin* 2018
- The "Youth Creation" Tianjin Student Entrepreneurship Competition, *Second Prize of Tianjin* 2018
- The 15th "Challenge Cup" Extra-Curricular Academic Works Competition for College Students, *National Third Prize* 2017

OTHER

- **Language:** Chinese (Native), English (Fluent)

- **Statistical Programming:** Stata, R