

# Jie Zhao

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## Education Background

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Since Aug. 2025 University of Connecticut

- PhD in Social Work

Sept 2021 – Jun 2024 Huazhong University of Science and Technology

- Master's in Social Medicine and Health Management

Sept 2017 – Jun 2021 Harbin Medical University

- Bachelor's in Public Affairs Administration

## Professional Experience

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Jul 2024 – Jul 2025

Southern University of Science and Technology

Research Assistant

- **Research Project Delivery:** Facilitated the implementation of a digital management research project integrating specialist and general practice for hypertension in primary settings; led data analysis and manuscript writing.
- **Project Support:** Provided comprehensive assistance across multiple research projects, including conducting interviews, drafting research reports, and supporting PI in achieving timely, high-quality outcomes.

## Publication Experience

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### Published Articles:

- [1] **Zhao, J.**, Yan, C., Han, D., Wu, Y., Liao, H., Ma, Y., Zhang, M., Li, S., & Wang, J. (2022). Inequity in the healthcare utilization among latent classes of elderly people with chronic diseases and decomposition analysis in China. *BMC Geriatrics*, 22(1), 846. <https://doi.org/10.1186/s12877-022-03538-x>
- [2] **ZHAO Jie**, WANG Yijing, LIU Gang, et al. The Impact of Digital Health-Enabled GP-Specialty Collaborative Care on Community Health Center Chronic Care Services Capacity in China: A Difference-in-Difference Analysis[J]. *Chinese General Practice*. DOI: 10.12114/j.issn.1007-9572.2025.0047.
- [3] TU Kunkun, **ZHAO Jie**, SHI Xiuyuan, et al. The Effects of General Practitioner and Specialist Collaborative Care on Hypertension and Diabetes Patient Outcomes in Primary Care Settings in China: A Systematic Review and Meta-Analysis[J]. *Chinese General Practice*. DOI: 10.12114/j.issn.1007-9572.2025.0048.
- [4] Dan Han, Sangsang Li, Yunyi Wu, **Zhao, J.**, Mei Zhang, Hui Liao, Ying Ma, Chaoyang Yan, Jing Wang, (2023). The Mediating Role of Depression in the Association Between Hearing Impairment and Functional Disability among Middle-aged and Older Adults in China, *Innovation in Aging*, <https://doi.org/10.1093/geroni/igad093>
- [5] Du, X., Gu, S., Wu, Y., **Zhao, J.**, Liao, H., Li, S., Han, D., Zhang, M., & Wang, J. (2024) The association between dual sensory loss and healthcare expenditure: mediating effect of depression. *Journal of Affective Disorders*.
- [6] Li, S., Zhang, M., Han, D., Wu, Y., **Zhao, J.**, Liao, H., Ma, Y., Yan, C., & Wang, J. (2023). The effects of loneliness and social isolation on cognitive impairment-free life expectancy in older adults. *Aging & Mental Health*, 23, 1-8. <https://doi.org/10.1080/13607863.2023.2191926>
- [7] Wu, Y., Li, S., Han, D., Zhang, M., **Zhao, J.**, Liao, H., Ma, Y., Yan, C., & Wang, J. (2023). The Mediating Role of Depression in Association Between Total Sleep Time and Instrumental Activities of Daily Living in China. *International Journal of Public Health*, 68, 1605678. <https://doi.org/10.3389/ijph.2023.1605678>
- [8] Liao, H., Li, S., Han, D., Zhang, M., **Zhao, J.**, Wu, Y., Ma, Y., Yan, C., & Wang, J. (2023). Associations between social support and poverty among older adults. *BMC Geriatrics*, 23(1), 384. <https://doi.org/10.1186/s12877-023-04079-7>

## Conference Experience

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- [1] **Zhao, J.**, Li, X., Liu, G., & Han, X. The Impact of Digitally-Enabled Vertical Integration of Multidisciplinary Teams on the Chronic Care Services Capacity of Community Health Centers in China: A Difference-in-Differences Analysis. *AcademyHealth's 2025 Annual Research Meeting*.

- [2] Li, X., **Zhao, J.**, Liu, G., Jian, W., & Han, X. The Impact of Digitally-Enabled Vertical Integration of Specialist and Generalist Care on Hypertension Patient Outcomes in China: A Difference-in-Difference Analysis of Patient-Level Administrative Data. *AcademyHealth's 2025 Annual Research Meeting*.
- [3] Tu, K., **Zhao, J.**, Shi, X., Xie, P., & Han, X. Systematic Review and Meta-Analysis on the Improvement of Health Outcomes for Chronic Disease Patients in Primary Care Settings under the GP-Specialty Service Model in China. *AcademyHealth's 2025 Annual Research Meeting*.

## Project Experience

Jul 2024 – Jul 2025	Southern University of Science and Technology	Research Assistant
<b>Optimization Pathways of the Digital Integration of General Practitioners and Specialists on Hypertension Management</b>		
<ul style="list-style-type: none"> <li>● <b>Intervention Strategy Development:</b> Improved intervention strategies combining community-based participatory research with expert consultations to identify key elements for optimizing our implementation.</li> <li>● <b>Effect Evaluation Using IOF:</b> Conducted cluster randomized controlled trials focused on service outcomes to evaluate the effectiveness of optimized intervention strategies.</li> </ul>		
Jul 2024 - Present	Southern University of Science and Technology	Research Assistant
<b>Cost Estimation for Basic Public Health Services in Nanshan District Community Health Centers, Shenzhen</b>		
<ul style="list-style-type: none"> <li>● <b>Survey Design &amp; Data Collection:</b> Developed a cost assessment questionnaire based on national standards, gathering institutional and project-specific data through extensive surveys in Nanshan District's community health centers.</li> <li>● <b>Advanced Cost Analysis:</b> Applied Activity-Based Costing (ABC) to evaluate costs for basic public health services, determining average costs for a standard community health service center.</li> </ul>		
Jul 2023 – Jun 2024	Huazhong University of Science and Technology	Research Author
<b>Survey on Health Status and Management Strategies of Rural Elderly Patients with Chronic Diseases 2023</b>		
<ul style="list-style-type: none"> <li>● <b>Comprehensive Rural Health Assessment:</b> Examining health and management strategies for elderly patients with chronic diseases in rural areas of Henan and Guizhou provinces through robust questionnaire methodologies.</li> <li>● <b>Policy Evaluation:</b> Analyzed data-based Stata to identify gaps in the family doctor system and provided insights for optimizing healthcare policies, highlighting the need for enhanced training, participation, and service diversification.</li> </ul>		
Jul 2022 – May 2023	Huazhong University of Science and Technology	Research Author
<b>Survey on Poverty Vulnerability and Intervention Strategies for Rural Elderly Families with Chronic Diseases, 2022</b>		
<ul style="list-style-type: none"> <li>● <b>Comprehensive Fieldwork Coordination:</b> Managed all phases of a survey on rural elderly chronic diseases, including questionnaire design, logistics, training, and coordination with regional stakeholders.</li> <li>● <b>Data Management and Analysis:</b> Established a database post-fieldwork, led data entry, validation, and analysis, drawing actionable insights to mitigate health-related poverty vulnerabilities.</li> <li>● <b>Ethnographic Interview Insights:</b> Utilized qualitative interviews to construct conclusions, emphasizing ethnographic methods to capture intricate socio-cultural dynamics related to impact factors and potential interventions.</li> </ul>		
Sept 2021 – Jun 2022	Bill & Melinda Gates Foundation, China	Research Assistant
<b>Research on the Support Strategies of IT for Integrated Health Management Services for Chronic Disease Patients</b>		
<ul style="list-style-type: none"> <li>● <b>Chronic Care IT Integration Analysis:</b> Analyzed international integrated chronic care models through CiteSpaces and literature analysis, emphasizing the transformative role and pathways of information technology;</li> <li>● <b>Qualitative Inductive Analysis:</b> Identified five crucial functionalities of information technology in chronic care management, including decision support and risk control;</li> <li>● <b>Comprehensive Field Survey Design:</b> Designed and executed field surveys, tailoring IT strategies to specific regional needs within the China-Gates Foundation health project.</li> </ul>		

## Scholarships

● The Merit Student	Sep 2023
● Second Prize of National Academic Scholarship	Oct 2022
● First Prize of National Academic Scholarship	Oct 2021
● First Prize in the National Undergraduate Thesis Competition for Medical and Health Management	May 2021
● Harbin Medical University Scholarship First Prize	Apr 2021