

# HUISHAN WANG

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## EDUCATION

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| • <b>Texas A&amp;M University</b><br>Doctor of Philosophy, Health Education                  | <b>Texas, United States</b><br>08.2024 - Current |
| • <b>Peking University</b><br>Master of Journalism and Communication, Health Communication   | <b>Beijing, China</b><br>09.2019 - 07.2021       |
| • <b>Beijing Forestry University</b><br>Bachelor of Engineering, Food Science and Technology | <b>Beijing, China</b><br>09.2015 - 07.2019       |

## RESEARCH INTERESTS

### Summary

My research interests focus on **health communication, mental health, maternal health, and the role of social media in shaping health behaviors and perceptions**. Specifically, I am interested in how individuals seek and respond to health information in digital environments; how mental health stigma and help-seeking behavior vary across cultural contexts; and how communication strategies can improve maternal and child health outcomes.

## PUBLICATIONS

### • Papers

- Yin H., **Wang H**<sup>#1</sup>, Shen X., Xu L., Xu Y., Zhai C., Zhu M., Lin W., Li H., & Shi W. (2023). Literature on matching health and health-related information with international classification of functioning, disability and health for children and youth: A scoping review. *Chinese Journal of Evidence-Based Pediatrics*, 18(3), 221–225. DOI: 10.3969/j.1673-5501.2023.03.011
- Liu J., Chen Q., Shao L., Zhang C., **Wang H.**, Wang Y., Zhang A., Xia Z., Shen Q., & Xu H. (2023). Over 1-year follow-up for children with frequently relapsing nephrotic syndrome/steroid-dependent nephrotic syndrome after receiving treatment of rituximab: A systematic review and meta-analysis. *Chinese Journal of Evidence-Based Pediatrics*, 18(1), 13–20. DOI: 10.3969/j.1673-5501.2023.01.002
- Shao L., Liu J., Chen Q., Shen Q., Zhang C., **Wang H.**, Wang Y., Zhang A., Xia Z., & Xu H. (2023). Adverse events of rituximab for children with steroid-sensitive nephrotic syndrome: A systematic review and meta-analysis. *Chinese Journal of Evidence-Based Pediatrics*, 18(1), 21–26. DOI: 10.3969/j.1673-5501.2023.01.003
- Hu C., Li W., Zhu X., Li Y., **Wang H.**, Zhou S., Wang Y., & Zhang C. (2022). Natural history of spinal muscular atrophy: A systematic review and meta-analysis. *Chinese Journal of Evidence-Based Pediatrics*, 17(6), 420–425. DOI: 10.3969/j.1673-5501.2022.06.003
- Shi W., Zhang C., Huang Z., Xiao N., Zhu D., Xu K., Wang S., Wang J., Li H., Yin H., Xu Y., Zhai C., Xu L., Shen X., **Wang H.**, & Lin W. (2022). Topics of Clinical Practice Guideline for Children and Adolescents with Cerebral Palsy: Scoping review. *Chinese Journal of Evidence-Based Pediatrics*, 17(3), 179–194. DOI: 10.3969/j.1673-5501.2022.03.004

### • Conferences

- Wang H**, Chiang SC, Ma P. Perceived Social Isolation and Health Information Seeking via Social Media Among Cancer Survivors. Poster presented at: 2025 American Public Health Association Annual Conference; 2025; Washington, DC.
- Chiang SC, **Wang H**, Sifat MS, Ma P. Nativity Differences in Awareness and Knowledge About HPV Infection and Vaccination Among Foreign- and US-Born Asians: Findings from a National Population-Based Sample. Poster presented at: 2025 American Society of Preventive Oncology Annual Conference; 2025 April 6–8; Philadelphia, PA.
- Wang H**, Zhang C. Literature Retrieval of ICF Dimension and Interactive Dimension of Clinical Practice Guide for Children and Adolescents with Cerebral Palsy. Oral presentation at: 21st National Clinical Stream of Chinese Medical Association Academic Conference on Epidemiology and Evidence-Based Medicine; 2023; China.
- Xu J., Liu S., Gao R., Xu J., Ge R., Xu X., **Wang H**. Evaluation on the Effect of Public Service Advertisements on Tobacco Control for Teenagers—Based on the Combination of Questionnaire Survey and Focus Group. Oral presentation at: Xiamen University Health Communication Innovation Forum; 2021; Xiamen, China. (Excellent Conference Paper)

## WORK EXPERIENCE

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| <b>Children's Hospital of Fudan University</b><br>Researcher, Center for Clinical Guidelines Production and Evaluation(GRADE Center of Fudan University) | <b>Shanghai, China</b><br>07.2021 - 09.2023 |
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### • Clinical Practice Guidelines

- Developed clinical practice guidelines with clinicians using the GRADE method as a member of the methodology group. 2 guidelines have been published in Chinese and 3 are in process.
- Literature Retrieval:** Conducted the systematic literature search in databases including PubMed, Embase, Cochrane Library and Chinese databases of CNKI, Wanfang, SinoMed.
  - Meta-Analysis:** Utilized R Studio, STATA, and RevMan for meta-analysis and evidence synthesis, Proficient in effect size calculation, heterogeneity assessment, subgroup analysis. Completed all meta-analysis required for the project and contributed to the publication of three meta-analysis articles in collaboration with the team.
  - Questionnaire Survey Design:** Designed questionnaire tailored to 2 projects. More than 400 questionnaires and 4,500 comments were collected, and analysis slides were generated for each project.

- **Literature Quality Assessment:** Utilized professional literature quality assessment tools (Rob 2.0, ROBINS, etc.) to evaluate the quality of the literature.
- **Project Management:** Managed 5 projects simultaneously, drafting project proposals. Effectively facilitated the progress of each subproject, organizing and conducting meetings as needed.
- **Expert Consensus**  
Developed expert consensus with clinicians as a member of the methodology group, organized several rounds of Delphi to gather comments. 3 expert consensus have been published in Chinese.
  - **Interview:** Conducted more than 70 telephone interviews with parents of late premature infants, sorted through 13 sets of interview data, resulting in the compilation of a survey report on the needs of these families.
  - **Project Management:** Carried out 2 projects in the same period, drafting outlines, and conducting meetings.

## PROFESSIONAL EXPERIENCES

### Internship

- **Nanjing University Research Assistant** 04.2024 - 07.2024
  - Interpretation of literature on digital healthcare, operation of the official WeChat platform, assisting in the implementation and application of WeChat apps developed by the organization in the community, and completing research reports on hospital management.
- **Peking Union Medical College Hospital Management training intern** 12.2020 - 02. 2021
  - Responsible for COVID-19 prevention management and patient counseling in the outpatient department. Authored an article titled "Woman suffered a cerebral infarction and had a 'hole' in her heart! Peking Union Medical College Hospital's 'Heart Mending' Program", reprinted by Beijing Daily, CN-HEALTHCARE.

### Research Program

- **Tobacco Control Core Message Testing Project in the Chinese Youth Investigator** 12.2020 - 02.2021
  - Coordinated the distribution and collection of questionnaires for advertising test. Assisted in facilitating focus group interviews in both elementary school and college.
- **Research on Health Communication in Communities Investigator** 10.2019 - 04.2020
  - Undertook fieldwork in Lingshou County to investigate the development of health communication and health education. Implemented theoretical training on health communication for grassroots communities.
  - Authored the section on health communication methods in the research report titled "Grassroots Public Health and Health Communication of China's experience-the case of health communication during the 'COVID-19' epidemic", which received the "Challenge Cup" Special Contribution Award in Peking University.

### In-depth Interviews

- **Subject Representatives of National Science and Technology Communication Center Investigator** 10.2020 - 11.2020
  - Collected and organized the relevant information on scientists, interviewed with working partners of representative figures in various disciplines, and led the writing of comprehensive reports of scientists with more than 10,000 words.

### Publicity Activities

- **Beijing Tiantan Publicity and Practice Activities Investigator** 03.2016 - 08.2016
  - Engaged in field research on the ecological and cultural environment of Tiantan Park, collaborated on the production of Tiantan cultural brochures, and received the **School-level Outstanding Achievement Award** for the project.
- **Agricultural Education at Beijing Agricultural Machinery Experiment Station Investigator** 05.2017 - 08.2017
  - Field research the development agricultural education situation of Beijing Agricultural Machinery Station. Produced an 8-minutes publicity video. The research outcomes won the **Outstanding Achievement Award of Summer Social Practice of Capital College Students**.

## EXTRACURRICULAR ACTIVITIES

- **Communist Youth League Secretary**, Peking University Health Communication Association 10.2020 - 05.2021
- **Director**, Student Union Office of Biological Sciences and Technology in Beijing Forestry University 08.2015 - 09.2017
- **Director**, Propaganda Department of Beijing Forestry University Baiao Biological Association 08.2015 - 09.2017

## AWARDS AND HONORS

- **Excellent Community Volunteers** in Xuhui District, Shanghai during COVID-19 Epidemic 03.2022 - 06.2022
- **Advanced Individual of COVID-19 Fight Role Models** in Peking University 2020
- **Award for Academic Excellence** in Peking University 2020
- **Excellent Student Cadre** in Beijing Forestry University 2016
- **Excellent League Member** in Beijing Forestry university 2016
- **Cultural and Sports Activities Scholarship** in Beijing Forestry university 2016

## SKILLS

- **Software:** R Studio, STATA, SPSS, SAS, RevMan, Rayyan; Microsoft Word, Excel, and PowerPoint; CANVA
- **Languages:** Mandarin (native), English (IELTS: 7), Japanese(beginner), Russian(beginner)