

# SHUYI SONG

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## EDUCATION

### The University of North Carolina at Chapel Hill

*Ph.D., Health Policy and Management*

**2023 – Present**

*Chapel Hill, U.S.*

### Shaanxi Normal University

*M.S., Experimental Economics*

**2022**

*Xi'an, China*

### Northwest AF University

*B.Eng., Food Quality and Safety*

**2019**

*Yangling, China*

## MAJOR RESEARCH EXPERIENCES

### Digital Health Projects

**2023 – Present**

*Advisor: Dr. Sean Sylvia (UNC-Chapel Hill), Dr. Winnie Yip, Dr. Terence Cheng (Harvard University)*

*China*

This series of research projects aims to understand the implications of telemedicine on the important issues of access, efficiency, and quality of health services in China's healthcare system.

- 2023 – Present: Assessing the Effects and Potentials of Direct-to-Consumer Telemedicine in China

### Standardized Patient Projects

**Sep 2019 – Present**

*Advisor: Dr. Sean Sylvia (UNC-Chapel Hill), Dr. Yaojiang Shi (Shaanxi Normal University)*

*China*

This series of research projects applies the standardized patient method to evaluate the quality of healthcare services in rural primary healthcare institutions and explores ways to improve healthcare quality in resource-limited settings using randomized controlled trials (RCTs).

- 2023 – Present: Understanding the Drivers of Antibiotic use in the Treatment of Childhood Diarrhea and Relationship to Antibiotic Resistance in China
- 2019 – 2021: Empowering Rural Doctors: Bring Quality Health Care to Rural Communities

### Maternal and Child Health Projects

**Jan 2019 – 2023**

*Advisor: Dr. Yaojiang Shi, Dr. Jingchun Nie, Dr. Jie Yang (Shaanxi Normal University)*

*Shaanxi, China*

This project used randomized controlled trials (RCTs) to explore a cost-effective method to improve the quality and efficiency of public health services delivered by community health workers (CHWs) to rural pregnant women and infants.

- Healthy Future: Maternal and Infant Nutritional Health in Rural China

## SELECTED PEER-REVIEWED ARTICLES

(1) Yang J, Liu Z, Guo H, Reheman Z, Ye J, **Song, S.**, Wang N, Nie W, Nie J. (2023). Prevalence and influencing factors of anaemia among pregnant women in rural areas of Northwestern China. *Public Health*, 220 50-56.

<https://doi.org/10.1016/j.puhe.2023.04.024>.

(2) Gao Q, Peng L, **Song, S.**, Zhang Y, Shi Y. (2023). Assessment of healthcare quality among village clinicians in rural China: the role of internal work motivation. *Hong Kong Medical Journal*, 29(1) 57-65.

<https://doi.org/10.12809/hkmj219871>.

(3) Shi, Y., **Song, S.**, Peng, L., Nie, J., Gao, Q., Shi, H., Teuwen, D. E., Yi, H. (2022). Utilisation of village clinics in Southwest China: evidence from Yunnan Province. *Hong Kong Medical Journal*, 28(4), 306–314.

<https://doi.org/10.12809/hkmj209153>

(4) Nie J., Zhang L, **Song, S.**, Hartnett A.J., Liu Z., Wang N., Nie W., etc. (2021). Exclusive breastfeeding in rural Western China: does father's co-residence matter? *BMC public health*, 21(1),

<https://doi.org/10.1186/s12889-021-12025-8>

(5) Min, W., Nie, W., **Song, S.**, Wang, N., Nie, W., Peng, L., Liu, Z., Nie, J., Yang, J., Ma, Y., Shi, Y. (2020). Associations between Maternal and Infant Illness and the Risk of Postpartum Depression in Rural China: A Cross-Sectional Observational Study. *International journal of environmental research and public health*, 17(24),

9489. <https://doi.org/10.3390/ijerph17249489>

(6) Shi, Y., Nie, W., Mu, M., **Song, S.**, Peng, L., Zhang, L., Yang, J., Guan, H., Zhu, Y., Gao, Q., Nie, J. (2020). What Can Children Learn from a Free Trial of Eyeglasses Use? Evidence from a Cluster-Randomized Controlled Trial in Rural China. *Inquiry: a journal of medical care organization, provision and financing*, 57, 46958020968776. <https://doi.org/10.1177/0046958020968776>

(7) Zhang L., Mu, M., Nie, W., **Song, S.**, Gao Q., Nie J. (2020) Impact of infant formula sales promotion-recommendation and trial use on breastfeeding practice among mothers of 0 – 6 months infants in poverty-stricken rural areas of China, *Chinese Journal of Public Health*, 37(02):280-285. (In Chinese)

## PROFESSIONAL AND VOLUNTEERING EXPERIENCE

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**Center for Experimental Economics in Education at Shaanxi Normal University June 2022 – June 2023**

*Research Assistant in the Healthy Future project team*

*Xi'an, China*

- Drafted project concept notes for donor agencies
- Drafted periodic project reports and the contracts of the project
- Managed a team of interns and gave them regular lectures on experimental economics
- Developed training materials and trained more than 60 CHWs and Health Committee staff, with the aim of improving their home visit performances

**United Nations Office for the Coordination of Humanitarian Affairs (UNOCHA) Sept 2021 – Mar 2022**

*Associate Humanitarian Affairs Officer*

*Jakarta, Indonesia*

- Leadership: led a six-persons climate change group in UNOCHA Indonesia office:
  - i) organized regular meetings with UNOCHA regional and head office;
  - ii) co-drafted UNOCHA's 2021 climate crisis report: "No Return to Normal: The Growing Humanitarian Climate Emergency."
- Collaboration: collaborated with national and international partners in humanitarian assistance:
  - i) distribution of COVID-19 vaccines in Southeastern Asia—contributed to the action plans, reports, and meeting minutes with the Association of South East Asian Nations (ASEAN) and WHO;
  - ii) evaluated humanitarian assistance needs and collaborated with ASEAN and government departments when climate disasters hit the local population.
- Coordination: coordinated humanitarian aid activities within and without UN systems:
  - i) co-developed guidelines for the Indonesian government and local NGOs on cash voucher assistance for disaster-affected people;
  - ii) helped organize the 2022 Global Platform for Disaster Risk Reduction.

## HONORS AND AWARDS

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**2022:** Pace Setters Award (The highest honor for graduate students in Shaanxi Normal University, 20/9609)

**2021:** UNV-CYVA program scholarship (Since 2019, only 31 university students in China were awarded);

First Prize Scholarship (10/100)

**2020:** Second Prize Scholarship (15/100)

**2019:** Third Prize Scholarship (20/100); Outstanding graduate student scholarship (20/100)

## SKILLS

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**Software and Programming:** STATA; SPSS; R; Excel; Visual Basic; LaTeX

## LANGUAGE

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**Chinese:** Native Language

**English:** Professional working proficiency

**French:** Basic, A2-level

**Bahasa Indonesia:** Beginner