

SHUYI SONG

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EDUCATION

Shaanxi Normal University

2022

M.S., Experimental Economics — Major GPA: 3.9/4.0

Xi'an, China

Northwest AF University

2019

B.Eng., Food Quality and Safety — Major GPA: 3.0/4.0

Yangling, China

RELEVANT COURSEWORK

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|-------------------------|---------------------------|------------------------|-------------------------|
| • Advanced Mathematics | • Experimental Economics | • Food Nutrition | • Fundamental |
| • Linear Algebra | • Development Economics | • Food Experimental | Immunology |
| • Probability and | • Econometrics and Impact | Design and Statistical | • Introduction to Paper |
| Mathematical Statistics | Evaluation | Analysis | Writing |
| • Health Economics | • Biochemistry | | |

MAJOR RESEARCH EXPERIENCES

Healthy Future: Maternal and Infant Nutritional Health in Rural

Feb 2019 – Present

Advisor: Prof. 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.

- Designed the mHealth-enabled home-visiting intervention and related material for over 500 pregnant women:
 - i) to measure the effects of interventions of different intensities, an extra six-session home-visiting material was designed and applied to 300+ pregnant women;
 - ii) to improve adherence, SMS intervention applying social comparison theory was designed and targeted 100+ pregnant women.
- Developed baseline and follow-up questionnaires to investigate maternal and child health:
 - i) developed marital information sections and relevant scales, which enabled a more comprehensive investigation into maternal mental health;
 - ii) developed a scale to measure the participants' knowledge of early childhood development (ECD), and it served as the key component of the questionnaires.
- Cleaned the data and drafted four research articles (three published papers and one working paper)

Empowering Rural Doctors: Bring Quality Health Care to Rural Communities Jan 2019 – Sept 2021

Advisor: Dr. Hao Xue (Stanford University)

Shaanxi, China

Through policy simulation experiments, this project applied the standardized patient method to evaluate the quality of healthcare services in rural primary healthcare institutions and explored ways to better educate rural clinicians.

- Conducted RCTs with over 300 village doctors in 120 villages:
 - i) designed survey handbook (for enumerators and standardized patients), and questionnaires (for village doctors and households) [at baseline evaluation survey];
 - ii) developed material to evaluate the healthcare quality of rural clinicians, including three kinds of vignettes and scripts (childhood diarrhea, asthma, unstable angina);
 - iii) trained and recruited more than 30 enumerators and standardized patients;
 - iv) led teams in field studies for more than 1000 hours.
- Cleaned the data and drafted two research articles (published)

SELECTED PEER-REVIEWED ARTICLES

(1) 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>

(2) 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), 2021.

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

- (3) 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>
- (4) 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>
- (5) 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

Center for Experimental Economics in Education at Shaanxi Normal University June 2022 – Present
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.

New Oriental Education and Technology Group June 2017 – Aug 2017
Teaching Assistant Xi'an, China

- Hosted the weekly study hours and pre-exam review sessions to help over 100 students
- Graded the homework and assignments for 59 students

HONORS AND AWARDS

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

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

LANGUAGE

Chinese: Native Language
English: Professional working proficiency
French: Basic, A2-level
Bahasa Indonesia: Beginner