

SHUYI SONG

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EDUCATION

Shaanxi Normal University

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

2022

Xi'an, China

Northwest AF University

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

2019

Yangling, China

RELEVANT COURSEWORK

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

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 that improved the quality and efficiency of public health services delivered by community health workers (CHWs) to rural pregnant women and infants.

- Designed the 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 in Phase II of the project;
 - ii) to explore ways to enhance compliance, behavioral economics theories (e.g., Nudge Theory) and methods were considered in a newly designed intervention for 200+ pregnant women.
- Developed baseline and follow-up questionnaires to investigate the 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: Prof. Yaojiang Shi, Dr. Qiufeng Gao (Shaanxi Normal University)

Shaanxi, China

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

- Conducted a randomized controlled trial with over 300 village doctors in 120 villages:
 - i) responsible for random sampling, survey handbook design (for enumerators and standardized patients), and questionnaires design (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 standard patients;
 - iv) led teams in field studies for more than 1000 hours.
- Cleaned the data collected from the baseline survey and interpreted the results.
- Drafted project concept notes for potential funders and received positive feedback.

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 AJ., 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>

WORKING AND VOLUNTEERING EXPERIENCES

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 the Phase I summary report and Phase II contract of the project after receiving further funding.
- Developed training materials and trained more than 60 CHWs and Health Committee staff personally:
 - i) to improve CHWs' home visit performance, a two-day knowledge training was conducted;
 - ii) to motivate CHWs and Health Committee staff, training regarding coordination and communication skills were implemented.

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) managed 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), 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)

2019-2020: Second Prize Scholarship (15/100); Outstanding graduate student scholarship (20/100)

SKILLS

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

LANGUAGE

Mandarin (native); French (basic, A2 level); Spanish (beginner); Indonesian (beginner);

English (fluent)—TOEFL: 103-Reading 28, Listening 28, Speaking 22(Best score 26), Writing 25;

GRE: 327- Quantitative 166, Verbal 161