

# 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 to improve 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 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 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 standardized patients;
  - iv) led teams in field studies for more than 1000 hours.
- Cleaned the data collected from the baseline survey and drafted two research articles (published)
- 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>

(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

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**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, including organizing a two-day knowledge training program to improve CHWs' home visit performance, and scheduling regular training for coordination and communication skills

**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) 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

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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)

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

## SKILLS

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