Shutong Huo

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EDUCATION

University of California, Irvine, Program in Public Health — Irvine, CA
Ph.D. in Global Health — 09/2021-Present

Yale University, School of Public health — New Haven, CT
Master of Public Health, Health Policy — 08/2017-05/2019

Shandong University, School of Public health — Jinan, China
Bachelor of Medicine in Preventive Medicine, Health Policy Management Track — 09/2012-06/2017

PUBLICATIONS

Huo S, Wang K, Liu Z, Yang Y, Hee JY, He Q, et al. Influence of Maternal Exposure to Mass Media on Growth Stunting Among Children Under Five: Mediation Analysis Through the Water, Sanitation, and Hygiene Program. *JMIR Public Health and Surveillance*. 2022 Apr 6;8(4):e33394.

Ma C, **Huo S**, Chen H. Does integrated medical insurance system alleviate the difficulty of using cross-region health care for the Migrant Parents in China-- evidence from the China migrants dynamic survey. *BMC Health Services Research*. 2021 Oct 5;21(1):1053.

Shutong Huo et al., "Study on Present Situation of Cognation of Sex Knowledge and Psychosexual in Junior High School Students in Jinan Urban Fringe Area.," *Chinese Journal of Child Health Care* 24, no. 9 (September 10, 2016): 917.

Tim Bruckner, **Shutong Huo,** Michael Huynh, Senxi Du, Andrew Young, Annie Ro, "Psychiatric emergencies in Los Angeles County during, and after, initial COVID-19 societal restrictions: an interrupted time-series analysis", Accepted by *Community Mental Health*

Chen Qiwei, FAN Die, ZHOU Jiao, LUO Kui, **HUO Shutong**, *et al*. Study on Elementary School Higher Grades Students' Knowledge of Sexual Physiology and Health Care in Jinan Urban Fringe Area. *Chinese Journal of Child Health Care,* 2016, 24(**3**):329-331.

REN Ci, LI Hong-yu, ZHANG Wen-bo, **HUO Shutong**, *et al*. Investigation on Cognition and Attitude Toward Food Safety among Populations of Different Social Classes in 10 Cities of China. *Occupation and Health,* 2015, 31(**18**):2501-2507.

WORKING PAPER

Shutong Huo, Xi Chen, "Health Inequality over the Life Course between USA and China: Comparative Evidence from Machine Learning and Conventional Methods"

Shutong Huo, Tim Bruckner, Michael Huynh, Senxi Du, Andrew Young, Annie Ro, "Remote school instruction in Fall 2020 and psychiatric emergencies among adolescents in Los Angeles County"

Shutong Huo, Qiwei He, Rie Takesue, Kun Tang," An analysis of rural-urban inequalities in child malnutrition in the DRC"

Shutong Huo, Chenrui Liu, Xinran Qi, Zekai Lin, Qiwei He, Rie Takesue, Kun Tang, "Decomposition of the inequality of opportunity in access to maternal health services in the DRC" (Under Review)

Yifan Zhu, Siyu Zou, Xinran Qi, Yu Wang, **Shutong Huo,** Qiwei He, Rie Takesue, Kun Tang, "Trend of Socioeconomic Inequality in Malnutrition among Children under 5 of Democratic Republic of the Congo from 2001 to 2018"

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TEACHING EXPERIENCE

Teaching Fellow, Yale University   Spring 2019
Methods in Healthcare Research

Teaching Assistant, University of California, Irvine   Fall 2021
Drug Abuse and its Prevention

PRESENTATIONS

Evaluation of Intervention Effect on Sex Health Education of Elementary School Higher Grades Students in Jinan Urban Fringe Area; China Health Policy and Management Society (CHPAMS) 2018 Biennial Conference   2018
New Haven, USA

Health Inequality over the Life Course between USA and China: Comparative Evidence from Machine Learning and Conventional Methods; China Health Policy and Management Society (CHPAMS) 2021 Conference   2021
Remote

RESEARCH EXPERIENCE

Research Assistant, Tsinghua University   Beijing, China
Mentor: Kun Tang, PhD   05/2020-09/2021
- ➢ Led a series of researches on the health system in the Democratic Republic of the Congo, especially on maternal health care services and malnutrition in children under five

Research Assistant, Peking Union Medical College   Beijing, China
Mentor: Jing Ma, PhD   01/2021-09/2021
- ➢ Conducted survey and interviews about breast cancer and cervical cancer survey in hospitals, communities, and health administrations in 5 provinces in China.

Research Assistant, Yale University   New Haven, CT
Mentor: Xi Chen   11/2018-12/2019
- ➢ Used machine learning methods, conditional Inference Trees and Forests by R to analyze health inequality of opportunity in old age due to early childhood circumstances and measured health in multiple dimensions (physical performance, self-rated health, and mental health)

Graduate Student Researcher, Yale University   New Haven, CT.
Advisor: Dr. Xia Wang   05/2018-08/2018
- ➢ Conducted semi-structured interviews to explore the reason and story behind the long-term impact of abortion on mental health among elderly Chinese women

Research Assistant, Shandong University   Jinan, China
Advisor: Dr. Xiaojie Sun   11/2015-05/2017
- ➢ Collected the 2011-2013 registered reports of 4 major cancers from 8 selected cities/counties in Shandong and inspected the integrity and accuracy of the reports by checking the insurance claims at local health insurance management organizations and hospitalization information at local major hospitals

Undergraduate Student Researcher, Shandong University   Jinan, China
Advisor: Dr. Lingzhong Xu   05/2014-05/2016
- ➢ Evaluated of Intervention Effect on Sex Health Education of Elementary School Higher Grades Students in Jinan Urban Fringe Area. Used the stratified-clustered-

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random sampling method to recruit the students in four primary schools and three middle schools. Conducted the baseline survey and intervention study before and after the intervention. Implement intervention measures for all the students (including multiple forms with several academic forums)

INTERNSHIPS

Decheng Bureau of Health and Family Planning (DBHFP)	Dezhou, China
Data Analyst	09/2016-01/2017
Jinan Central Hospital	Jinan, China
Intern	06/2015-09/2015
Xinhu & Rongzhuang Community Health Service Center, Dezhou City	Dezhou, China
Intern	01/2013-03/2013

HONORS and FELLOWSHIPS

Summer Internship Fellowship in Yale School of Public Health	2018
First Prize for National College Student Technology Innovation Program in China	2016
Scholarship for Outstanding Academic Record in Shandong University (each year)	2013-2016
Outstanding College Student Leader in Shandong University	2015
Outstanding Prize for Student Club Leadership in Shandong University	2014

SKILLS

Computer Skills: Proficient in SAS, R, Stata, Python, MS Office, Shiny App, SPSS, Photoshop, Access
Languages: Fluent in Mandarin and English