

# Shutong Huo

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## EDUCATION

<b>University of California, Irvine, Program in Public Health</b>	Irvine, CA
<b>Ph.D. in Global Health</b>	09/2021-Present
<b>Yale University, School of Public Health</b>	New Haven, CT
<b>Master of Public Health, Health Policy</b>	08/2017-05/2019
<b>Shandong University, School of Public health</b>	Jinan, China
<b>Bachelor of Medicine in Preventive Medicine, Health Policy Management Track</b>	09/2012-06/2017

## PUBLICATIONS

- Das, A., **Huo, S.**, Bustos, B., Masoumirad, M., Bruckner, T. A., & Stolte, A. (2025). Racialized economic segregation and Black youth suicide in the US. *American Journal of Epidemiology*, kwa476. <https://doi.org/10.1093/aje/kwa476>
- Masoumirad, M., **Huo, S.**, Das, A., & Bruckner, T. A. (2025). Hate crimes and psychiatric emergency department visits among Asian Americans. *Social Science & Medicine*, 365, 117624. <https://doi.org/10.1016/j.socscimed.2024.117624>
- Huo, S.**, Masoumirad, M., & Bruckner, T. A. (2025). Psychiatric Emergency Department visits among Asian Americans in California. *International Journal of Mental Health (world)*. Retrieved from <https://www.tandfonline.com/doi/abs/10.1080/00207411.2025.2468007>
- Neikrug, A. B., Cho, S. S., Nguyen, E. S., Stehli, A., **Huo, S.**, Garcia, C., ... McCarron, R. M. (2025). Improving Behavioral Healthcare Access Disparities by Training Providers in Disadvantaged Communities—Evidence of Strategy Effectiveness. *Journal of General Internal Medicine*, 40(1), 102–112. <https://doi.org/10.1007/s11606-024-09020-1>
- Huo, S.**, Ro, A., Du, S., Young, A., & Bruckner, T. A. (2024). Remote school instruction in Fall 2020 and psychiatric emergencies among adolescents in Los Angeles County. *BMC Psychiatry*, 24(1), 854. <https://doi.org/10.1186/s12888-024-06225-w>
- Huo, S.**, A. Bruckner, T., Das, A., L. Xiong, G., Marcovitz, D., B. Neikrug, A., & McCarron, R. (2024). Opioid prescriptions following behavioral health training among primary care providers. *BMC Medical Education*, 24(1), 1374. <https://doi.org/10.1186/s12909-024-06289-y>
- Huo S**, Feng D, Gill TM, Chen X. Applying Machine Learning Approach to Explore Childhood Circumstances and Self-Rated Health in Old Age — China and the US, 2020–2021. *China CDC Wkly*. 2024;6(11):213-218. doi:10.46234/ccdwkly.2024.043
- Huo S**, Bruckner TA, Xiong GL, et al. Antidepressant Prescription Behavior Among Primary Care Clinician Providers After an Interprofessional Primary Care Psychiatric Training Program. *Adm Policy Ment Health*. Published online August 20, 2023. doi:10.1007/s10488-023-01290-x
- Bruckner TA, **Huo S**, Fresson J, Zeitlin J. Preterm births among male and female conception cohorts in France during initial COVID-19 societal restrictions. *Annals of Epidemiology*. 2024;91:58-64. doi:[10.1016/j.annepidem.2024.01.008](https://doi.org/10.1016/j.annepidem.2024.01.008)
- Bruckner TA, **Huo S**, Huynh M, Du S, Young A, Ro A. Psychiatric Emergencies in Los Angeles County During, and After, Initial COVID-19 Societal Restrictions: An Interrupted Time-Series Analysis. *Community Mental Health J*. Published online December 12, 2022. doi:10.1007/s10597-022-01043-4
- 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.

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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 Cognition 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.

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

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**Shutong Huo**, Abhery Das, Zongbo Li, Tim Bruckner "Navigating the Opioid Crisis in California: The Role of Naloxone Access Laws in the Age of Fentanyl"

**Shutong Huo**, Abhery Das, Tim Bruckner "Harm Reduction Through Decriminalization: The Impact of Fentanyl Test Strips on Overdose Death Rates Across U.S. States"

**Shutong Huo**, Mandana Masoumirad, Robert McCarron, Tim Bruckner "Shifting Prescribing Practices in Primary Care: Reducing Benzodiazepines and Enhancing Antidepressant Prescribing"

Jacob Paredes, **Shutong Huo**, David Timberlake, "Harm Reduction Strategies Among People Who Intentionally Use Fentanyl"

## TEACHING EXPERIENCE

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<b>Teaching Fellow</b> , Yale University <i>Methods in Healthcare Research</i>	Spring 2019
<b>Teaching Assistant</b> , University of California, Irvine <i>Drug Abuse and its Prevention</i>	Fall 2021
<i>Public Health Statistics</i>	Fall 2024

## PRESENTATIONS

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<i>Navigating the Opioid Crisis in California: The Role of Naloxone Access Laws</i> ; Population Association of American 2024 Annual Meeting	2024 Columbus, USA
<i>Health Inequality over the Life Course between USA and China: Comparative Evidence from Machine Learning and Conventional Methods</i> ; China Health Policy and Management Society (CHPAMS) 2021 Conference	2021 Remote
<i>Evaluation of Intervention Effect on Sex Health Education of Elementary School Higher Grades Students in Jinan Urban Fringe Area</i> ; China Health Policy and Management Society (CHPAMS) 2018 Biennial Conference	2018 New Haven, USA

## RESEARCH EXPERIENCE

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<b>Graduate Student Researcher</b> , University of California, Irvine Mentor: Jason Douglas	Irvine, USA 09/2023-Now
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- Conduct LA Youth Thriving Survey with community organizations in LA county;  
Investigate environmental health disparity in LA county using NASA geographic data

**Graduate Student Researcher**, University of California, Irvine

Mentor: Tim Bruckner

Irvine, USA

03/2022-09/2023

- Evaluated the prescription behaviors among primary care providers in after a primary care psychiatric training program, applying GIS to map the distribution of providers and patients

**Research Assistant**, Tsinghua University

Mentor: Kun Tang, PhD

Beijing, China

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

Mentor: Jing Ma, PhD

Beijing, China

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

Mentor: Xi Chen

New Haven, CT

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

Advisor: Dr. Xia Wang

New Haven, CT.

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

Advisor: Dr. Xiaojie Sun

Jinan, China

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

Advisor: Dr. Lingzhong Xu

Jinan, China

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-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)**

*Data Analyst*

Dezhou, China

**Jinan Central Hospital**

09/2016-01/2017

Jinan, China

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*Intern*

06/2015-09/2015

**Xinhu & Rongzhuang Community Health Service Center, Dezhou City**

Dezhou, China

*Intern*

01/2013-03/2013

## HONORS and FELLOWSHIPS

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Public Health Summer Fellowship in Program in Public Health in UCI	2022
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

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Computer Skills: Proficient in SAS, R, Stata, GIS, Python, Qualtrics, MS Office, Shiny App, SPSS, Photoshop, Access

Languages: Fluent in Mandarin and English