

# Xinguang Fan

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## Current Position

### Main Appointment

#### Peking University

Assistant Professor, Department of Sociology

Beijing, China

Dec. 2019 - Present

### Affiliations

#### Peking University

Faculty Affiliate, Yenching Academy

Beijing, China

Mar. 2025 - Present

#### University of Washington

Regional Faculty Affiliate, CSDE

Seattle, U.S.

Mar. 2020 - Present

#### University of Washington

Global Collaboration Network Member, IHME

Seattle, U.S.

Mar. 2020 - Present

## Education

#### University of Washington

Ph.D. in Sociology

- Concentration in Social Statistics, CS&SS
- Graduate certificate in demographic methods, CSDE

Seattle, WA

Jul. 2014 - Mar. 2020

#### HKUST

M.Phil. in Sociology

Hong Kong, China

Jul. 2012 - Jul. 2014

#### Peking University

BA. in Sociology

- BA. in Economics, National School of Development

Beijing, China

Jul. 2007 - Jul. 2011

## Area of Interest

Demography, Computational Social Science, Social Network

## Publications

(\* as corresponding author; + as graduate student when writing the paper)

### 2025

1. **Fan, Xinguang.** Still Waters Run Deep: Social Changes, Marital Status, and Fertility Changes. *Chinese Journal of Sociology*, forthcoming. [in Chinese]

2. Li, Pengfei, Mingkun Tong, Jingyi Wu, Xia Meng, **Xinguang Fan**, et al. [Flood Exposure Contributes to Under-five mortality in Low- and Middle-Income Countries](#). *One Earth*, 8(5):101305.

## 2024

3. **Fan, Xinguang**. [Fertility Responses to the COVID-19 Pandemic: A Perspective of Reproductive Process](#). *Population and Development Review*, 50(2): 343-373.
4. **Fan, Xinguang**, and He Sheng+. [Migration Experiences and Reproductive Behaviors: An Analysis Based on Fertility Diffusion Theory](#). *Population Research*, 48(6): 84-99. [in Chinese]
5. **Fan, Xinguang**, and Yongjun Zhang. Between Truth and Falsehood: A Sociological Analysis of Rumors in the Digital Age. *PKU Sociology Journal*, 3: 101-124. [in Chinese]
6. Tong, Mingkun, Lu, Hong, Xu, Huiyu, **Fan, Xinguang**, et al. [Reduced Human Fecundity Attributable to Ambient Fine Particles in Low- and Middle-income Countries](#). *Environment International*, 189: 108784.

## 2023

7. **Fan, Xinguang**, and Yongjun Zhang. [“Just a Virus” or Politicized Virus? Global Media Reporting of China on COVID-19](#). *Chinese Sociological Review*, 55(1): 38-65.
8. Zhang, Yongjun, Hao Lin+, Yi Wang, and **Xinguang Fan**. [Sinophobia Was Popular in Chinese Language Communities on Twitter during the Early COVID-19 Pandemic](#). *Humanities and Social Sciences Communications*, 10(1): 1-12.
9. Xue, Tao, Jiajianghui Li, Mingkun Tong, **Xinguang Fan**, et al. [Stillbirths Attributable to Open Fires and Their Geographic Disparities in Non-Western Countries](#). *Environmental Pollution*, 334:122170.

## 2022

10. Zhang, Yongjun, Sienna Thorgusen+, and **Xinguang Fan\***. [News Coverage of Social Protests in Global Society](#). *International Journal of Comparative Sociology*, 63(3): 105-27.

## 2020

11. **Fan, Xinguang**, and Maria Vignau Loria+. [Intimate Partner Violence and Contraceptive Use in Developing Countries: How Does the Relationship Depend on Context?](#) *Demographic Research*, 42: 293-342.

• IPUMS Global Health Research Awards, University of Minnesota, 2021

## 2019

12. **Fan, Xinguang**. [Discrimination Experience, Family Relations, and Generalized Trust in China](#). *Social Science Research*, 77: 115-129.

## Working Paper

1. Dai, Li, and **Xinguang Fan\***. Loglinear Models Capture Prevalence, and the Exchange Index Captures Strength of Marital Status Exchange. *Under review*.
2. Yiyang, Fang+, and **Xinguang Fan\***. The Trend of Skipped-Generation Household in China (2010-2020): Taking Central China as an Example. *Under review*. [in Chinese]
3. **Fan, Xinguang**, and Hanjun Fang+. Domestic Media Slant in the Global Context: A Dynamic Net-

work Approach.

• **Herbert Costner Best Graduate Paper Award, Department of Sociology, University of Washington, 2017**

4. **Fan, Xinguang**, and Kaizhe Wang+. Conditional Role-Model Effect: Birth Policy Change and Female Leadership's Impact on Fertility Preferences.

## **Translations (English to Chinese)**

1. *Nonrecursive Models: Endogeneity, Reciprocal Relationships, and Feedback Loops*. By Pamela M. Paxton, John R. Hipp, and Sandra Marquart-Pyatt in the Sage Series of Quantitative Applications in the Social Sciences. Shanghai: Truth and Wisdom Press.
2. *Event History and Survival Analysis: Regression for Longitudinal Event Data*. By Paul D. Allison in the Sage Series of Quantitative Applications in the Social Sciences. Shanghai: Truth and Wisdom Press.

## **Awards and Fellowships**

Chia Tai Fellowship, Peking University, 2024

Visiting Scholar Fellowship at UC Berkeley, CSC, 2023

Undergraduate Mentoring Award, Peking University, 2023

IPUMS Global Health Research Awards, IPUMS, University of Minnesota, 2020

Excellence in Teaching Presentation Skills, Peking University, 2020

Travel Award, Paul and Marcia Wythes Contemporary China Center, Princeton University, 2018

Pass with Distinction in Comprehensive Exam, Department of Sociology, UW, 2017

Herbert L. Costner Best Graduate Student Paper Award, Department of Sociology, UW, 2017

## **Grants**

### **External**

1. **Agency:** National Social Science Fund of China (Youth Scientist)  
**Project Name:** Fertility Rebound and Its Implications in the Global Context of Low Fertility Rates  
**Year:** 2022-  
**Amount:** RMB 200,000
2. **Agency:** China International Trust and Investment Corporation (CITIC)  
**Project Name:** Policy Evaluation of Rural Development in Wuxi City  
**Year:** 2022-2023  
**Amount:** RMB 500,000
3. **Agency:** Beijing Social Science Fund (Youth Scientist)  
**Project Name:** Fertility Preferences of Young Couples in the Capital City  
**Year:** 2021-  
**Amount:** RMB 80,000

## Internal

1. **Agency:** PKU-Wuhan Institute for AI  
**Project Name:** Characteristics and Governance of Intelligent Society  
**Year:** 2023-  
**Amount:** RMB 500,000
2. **Agency:** Kiriyama Education Fund  
**Project Name:** A Comparative Study of Social Trust Values in East Asian Society  
**Year:** 2022  
**Amount:** RMB 20,000
3. **Agency:** PKU Initial Fund for New Faculty  
**Project Name:** Social Inequality and Belief Dynamics  
**Year:** 2020-2023  
**Amount:** RMB 200,000

## Selected Invited Talks/Organized Conferences

School of Communication, Renmin University of China, 2025  
School of Sociology, Nanjing University, 2025  
Yuanpei College, Peking University, 2024  
Theory and Practices in Sociological Inquiry: Conversations between Peking University and The University of Hong Kong, 2024  
School of Social Sciences, University of Macau, 2024  
Computational Demography Working Group, CSDE, UW 2024  
Symposium on Family Theory in the Context of China, Peking University, 2024 (organizer)  
The 6th Spring Festival Conference for Youth Scholars, the Chinese Sociology Association, 2024  
Peking University Health Science Center, 2022  
The 8th Lilin Conference for Youth Scholars, Institute of Sociology, CASS, 2022  
SNU-PKU Joint Symposium on Sociology, 2020

## Selected Services

### Editorial Board

*Humanities and Social Science Communications*, 2023-  
*PKU Sociology Journal*, 2023-

## **Council Member**

China Population Association (CPA), 2024-

Section on Social Computing and Social Intelligence, Chinese Association of Automation (CAA), 2023-

Beijing Population Association, 2022-

## **Ad-hoc Reviewer**

*American Sociological Review; Journal of Health and Social Behavior; Chinese Journal of Sociology; Chinese Sociological Review; Humanities & Social Sciences Communications; Population Research*

## **Teaching and Advising**

### **Courses**

*Social Network Analysis* (undergraduate level)

*Data Analysis* (undergraduate level)

*Methodology in Sociological Research* (graduate level)

*Social Policy Evaluation* (graduate level)

*Seminars on Poverty and Social Inequality* (graduate level)

### **Student Advising**

#### **Master students**

Xuedong Liu

Kaizhe Wang

Hanjun Fang

#### **Undergraduate students**

Junyang Zhang

Xi Yang

Yuemeng Li

Yanan Guo

Jiahui Wang

Qiaomei Luo

Yuhan Ma (2025 MA in Labor Relations @Renmin University of China)

Haoyuan Luo (2025 MA @CUHK)

Hao Cheng (2024 PhD in Sociology @Tsinghua University)

Xinyao Shi (2024)

Lezhi Li (2023 MA in Communication @Peking University)

Yifei Huang (2023 PhD in Sociology @Brown University)

### **Research Assistants**

Yihan Wang (2023- → incoming PhD student in Sociology @University of Maryland)

Ruoxin Zhang (2021-2023 → Associate @Boston Consulting Group (BCG), Shanghai)

Peixin Zhao (2019-2021 → MSMITE @CMU → Software Engineer@Microsoft)

Yanyijie Zhou (2019-2021 → MPhil in Development Studies @Oxford (Rhodes Scholar) → incoming PhD student in joint Management and Organizations and Sociology program @Northwestern)