

Xinguang Fan

Department of Sociology, Peking University

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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, Social Network, Family, Computational Social Science

Publications

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

Book project

Floating China: How Family-oriented Culture Shapes Internal Migration, 1978-2020. Beijing: The Commercial Press, Under contract. [in Chinese]

2025

1. **Fan, Xinguang.** Still Waters Run Deep: Social Changes, Marital Status, and Fertility Changes. *Chinese Journal of Sociology*, 6. [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 Network 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)