Sukie Xiuqi Yang

EDUCATION

University of Pennsylvania, Philadelphia, Pennsylvania

Joint PhD in Sociology and Demography   Expected May 2025

Dissertation: Schools in Changing Climate, Climate Change in Curricula: A Cross-National, Multi-Level Analysis of Education and Climate Change
Committee: Emily Hannum (Chair), Xi Song, Jere R. Behrman, and Aaron Benavot

MA in Statistics and Data Sciences   Expected 2024 Fall
MA in Sociology and Demography   2022

Shandong University, China

Bachelor of Arts in Sociology (with honors)   2020
Major GPA: 94/100 (1st/38)   WES GPA: 3.99/4

The University of Hong Kong, Hong Kong SAR   2018
Exchange student with Full Tuition Grant

AREAS OF SPECIALIZATION AND INTEREST

Education; Environmental Change; Social Stratification and Inequality; Computational Social Science

PUBLICATIONS

Journal Articles

1. Knake, Kaitlin Torphy, Zixi Chen, **Xiuqi Yang,** and Jordan Tait. "Pinterest Curation and Student Achievement The Effects of Elementary Mathematics Resources on Students' Learning over Time." *The Elementary School Journal,* 122, no. 1 (2021): 57-85.

2. **Yang, Xiuqi**. "Early Childhood Growth Trajectories and Adolescent Cognitive Achievement: The Role of Catch-up." in *Chinese Sociological Review.* **(Accepted)**

Manuscripts Under Review

1. **Yang, Xiuqi**. "Parental Labor Migration and Early Childhood Development." in *Demography.* **(A Second Revise and Resubmit: Minor Revision)**

    * Honorable mention, ASA Asian and Asian American Section Graduate Student Paper Award, 2024
    * Honorable mention, International Chinese Sociological Association Nan Lin Best Graduate Student Paper, 2022

2. Song, Xi, Jennie Brand, **Xiuqi Yang**, Michael Lachanski. "Declining Jobs, Declining Opportunities? Mobility of Workers in Occupations With Job Contraction, 2000–2020." **(Under review)**

3. Jacobs, Jerry, **Xiuqi Yang**, Xi Song. "The Long Expansion and Decline of Blacksmiths: New Evidence from Linked US Decennial Censuses." **(Under review)**

Manuscripts in Preparation

1. **Yang, Xiuqi**, and Kai Feng. "Mapping the Impacts of Climate Change on Children's Education in the Global South." **(Expect to submit by September 2024)**
   * Featured in the UNESCO paper for 2023 UN Climate Conference, COP 28, United Arab Emirates
   * Featured in the World Education Blog.
   * The report version can be accessed online.

2. **Yang, Xiuqi**, Fan Wang, Emily Hannum, and Jere R. Behrman. "Breathing inequality: Inequalities in Air-Pollution Exposure Among Sociodemographic Groups, An Application for South China." **(Expect to submit by September 2024)**

3. **Yang, Xiuqi.** "Global Norms, National Context, Local Realities: Exploring Multilevel Influences on Climate Education Policy and Implementation."

4. Weng, Guangyuan, **Xiuqi Yang**, Catherine Chen, Shiyue Cui, Zhicong Chen, and Ying Zhu. "Climate Disaster-Induced Population Mobility: Analysis of Large-Scale Mobile Phone Data in India, 2019."

5. **Yang, Xiuqi.** "Chemical Spills and Environmental Anxiety on Social Media: Linking Twitter Data with national surveys, 2010-2023."

6. **Yang, Xiuqi**. "How Long Will a Newborn Expect to Reside Without Both Parents During Childhood? A Multistate Approach to Assessing Years Spent in Different Family Arrangements for Children in the Global South."

SELECTED ACADEMIC PRESENTATIONS

2024   **Netmob 2024 organized by World Bank, Washington, D.C. 2024. 10.** Climate Disaster-Induced Population Mobility: Analysis of Large-Scale Mobile Phone Data in India (Accepted).
     *Netmob is the primary conference on the analysis of mobile phone datasets in social, urban, societal and industrial problems.

     The American Sociological Association 2024 Annual Meeting, Montréal, Québec. 2024. 8. Thinking Globally and Acting Locally: Examining National Adoption and School Implementation of Climate Change Education Policies (Accepted).

     International Conference on Computational Social Science, Philadelphia, Pennsylvania. 2024.7. Global norms, national context, local realities: Exploring multilevel influences on climate education policy and practice.

The Spring Conference of the Research Committee 28 on Social Stratification and Mobility (RC28) of the International Sociological Association (ISA). Shanghai, China. 2024.5. Global norms, national context, local realities: Exploring multilevel influences on climate education policy and practice. (Oral session)

Comparative and International Education (CIES) Annual Meeting, Miami, FL. 2024. 3. Mapping the Impacts of Climate Change on Children's Education in the Global South. With Kai Feng. (Oral session)

2023 **The American Sociological Association 2023 Annual Meeting, Philadelphia, Pennsylvania. 2023. 8.** Mapping the Impacts of Climate Change on Children's Education in the Global South. With Kai Feng (Oral session)

Research on East Asian Demography and Inequality (READI) conference, Tokyo, Japan. 2023. 7. Breathing inequality: Inequalities in air-pollution exposure among sociodemographic groups -- an application for South China. (Oral session)

Population Association of America 2023 Annual Meeting, New Orleans, LA. 2023. 4. Breathing inequality: Inequalities in Air-Pollution Exposure Among Sociodemographic Groups, An Application for South China. (Flash session)

Data Science Live 2023, The Wharton School, University of Pennsylvania. 2023. 4. Chemical Spills and Environmental Anxiety on Social Media: Linking Twitter Data with national surveys, 2010-2023 (Oral session)

Comparative and International Education(CIES) Annual Meeting, 2023. 2. Mapping the Impacts of Climate Change on Children's Education in the Global South. With Kai Feng. (Online oral session)

2022 **Penn CSCC-NYU Shanghai CASER Workshop on Inequalities and Child Development. 2022. 11.** The Double Burden of Malnutrition: Early Childhood Growth Trajectories and Adolescent Cognitive Achievement. (Oral session)

The American Sociological Association Annual Meeting, Los Angeles, CA. 2022.8. Duration and Timing of Parental Out-migration on Early Childhood Development in China. (Oral session)

The American Sociological Association Annual Meeting, Los Angeles, CA. 2022. 8. The Long Expansion and Decline of Blacksmiths: New Evidence from Linked US Decennial Censuses. With Jerry Jacobs, and Xi Song. (Oral session)

The American Sociological Association Annual Meeting, Atlanta, GA. 2022. 4. "Declining Jobs, Declining Opportunities? Mobility of Workers in Occupations With Job Contraction, 2000–2020." With Xi Song, Jennie Brand, and Michael Lachanski. (Oral session)

Sustainability and Development Conference, University of Michigan. 2022.2. "Breathing inequality: Estimating PM2.5 exposure burden among sociodemographic groups in South China." (Remote oral session)

2021 **Population Association of America Annual Meeting. 2021. 4.** Time Can Heal? The Timing and Duration of the Left-Behind Experience in Childhood and Longitudinal Health Implications in Contemporary China. (Remote poster session)

WORK2021 Conferences, Finland. 2021. 10. "The Long Expansion and Decline of Blacksmiths: New Evidence from Linked US Decennial Censuses" With Jerry Jacobs, and Xi Song. (Remote oral session)

2019   **Midwest Sociology of Education (MWSOE) Annual Conference, Evanston, IL, 2019.10.** Pinterest curation and student achievement: The effects of elementary mathematics resources on students' learning over time. With Kaitlin Torphy and Zixi Chen

International Chinese Sociologists Association (ICSA) Annual Conference, New York. 2019. 8. The Effect of Rural-urban Migration on Parent-and-child Educational Expectations in China: the Mediating Role of Family Social Capital -- Based on CFPS (2010-2016) four-wave data.

2018   **Hong Kong Sociological Association 20th Annual Conference, Hong Kong SAR, China. 2018.12.** The Maternal Educational Involvement of Rural Left-behind Women: A Bi-directional Assessment. With Yueyun Zhang.

TEACHING EXPERIENCE

2025   **Teaching Assistant, Modern Data Mining, Wharton School.**
Spring 2025 (Planned)
Invited to be TA based on course performance. Will offer R tutorials and weekly office hours on machine learning topics including LASSO, random forests, and neural networks. Will provide advice for graduate students on case study assignments and final projects, emphasizing computational methods for real-world applications.

2023   **Teaching Assistant, Introduction to Sociology.**
Fall 2023
Taught recitations. Led engaging seminar discussions centered around the course readings. Provided guidance on student essays.

2023   **Teaching Assistant, Sociology of Mental Illness.**
Spring 2023
Develop assessment questions.

2022   **Teaching Assistant, Social Statistics**.
Fall 2021; Spring 2022
Penn Excellent graduate TA award shortlisted. Developed original asynchronous learning resources (videos) on topics including how to use statistic software, conduct statistic inference, and how to use the General Social Survey. Mentored students through completion of semester-long independent research projects.

2021   **International Teaching Assistant Summer Program.**
Summer 2021
Trained in international teaching assistant summer program. Learn to developed lesson plans, assignments, quizzes, tutorial videos, and rubrics.

GRANTS AND FELLOWSHIPS

2024   Gertrude and Otto Pollak Research Award, Department of Sociology at Penn ($3,000)

2023	Penn School of Arts & Sciences Dean's Travel Grant ($500)
2022	Global Education Monitoring (GEM) Report Fellowship, UNESCO ($19,500)
2022,2024	Penn Graduate and Professional Student Assembly (GAPSA) Research Travel Grant ($800)
2021-2026	Benjamin Franklin Fellowship, University of Pennsylvania (including 5-years tuition, fees, stipends and benefits)
2020-2021	Emily Hannum's Dean's Fund
2019	Scholarship for Overseas Studies (for outstanding academic performance abroad), Shandong University (Approx. $300)
2018	National Scholarship, Ministry of Education (Approx. $1203)
2017, 2018	First Class Scholarship, Shandong University (Top 5%) (Approx. $451 per year)
2016-2020	Cyrus Tang Scholarship (for dedication to volunteer work) (Approx. $602 per year)

AWARDS AND HONORS

2024	Honorable Mention, ASA Asian and Asian American Section Graduate Student Paper Award
2022	Honorable Mention, Nan Lin Graduate Student Paper Award, International Chinese Sociological Association
2019	First Prize, the 16th National College Academic Works Competition, Shandong, China
2017	Second Prize on Research Report Writing, Shandong Province
2017	Outstanding interviewer in Shandong General Social Survey (SGSS)

AFFILIATIONS

2021-Present	**Graduate Research Fellow**, Population Study Center, University of Pennsylvania.
2021-Present	**Graduate Researcher**, Climate, Environment, Childhood Inequality (CECI) Project, University of Pennsylvania.
2022-Present	**Graduate student**, International Max Planck Research School for Population, Health and Data Science (IMPRS-PHDS).
2022-2023	**Fellow**, Global Education Monitoring (GEM) Report, UNESCO.
2024-Present	**Graduate Researcher**, Monitoring and Evaluating Climate Communication and Education (MECCE) Project.

SERVICE

2024	Developed Python-based automatic keyword counting tool for the Monitoring and Evaluating Climate Communication and Education (MECCE) Project.
	Contributed to the Chinese translation of UNESCO Global Education Monitoring Report Youth Petition titled "Young People Call for Climate Change Education to Adapt."
2023	Assisted in organizing the Penn-Houston Climate, Environment, and Child Development Workshop, December 1, 2023.

ADDITIONAL TRAINING

Summer Institute in Computational Social Science (SICSS) July 8-20, 2024
    Intensive two-week program focusing on advanced computational methods for social science research

DataCamp Certifications
- AI Fundamentals Certificate, August 26, 2024
- Developing AI Applications Skill Track, August 28, 2024

SOFTWARE

Statistical/Analysis software: R, Stata, Python, SPSS, ArcGIS
Office Skills: Word, LaTeX, Excel, PPT
Language: English, Chinese

REFERENCE

Emily Hannum (hannumem@sas.upenn.edu)
Stanley I. Sheerr Term Professor in the Social Sciences and Professor of Sociology
Associate Dean, School of Arts & Sciences
University of Pennsylvania

Jere R. Behrman (jbehrman@sas.upenn.edu)
William R. Kenan Jr. Professor of Economics and Professor of Sociology
University of Pennsylvania

Xi Song (xisong@sas.upenn.edu)
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University of Pennsylvania

Aaron Benavot (abenavot@albany.edu)
Professor of Global Education Policy
University at Albany - State University of New York