XI SONG

Department of Sociology University of Pennsylvania 3718 Locust Walk, McNeil 353 Philadelphia, PA 19104

Phone: (215) 573-5101 Email: xisong@upenn.edu Homepage: www.xisong.me

EMPLOYMENT

2019– Associate Professor of Sociology and Demography, University of Pennsylvania

Computing Core, Population Studies Center

Faculty Associate, Center for the Study of Contemporary China

Faculty Associate, Center for East Asian Studies Committee Member, Data Driven Discovery

2015–2019 Assistant Professor of Sociology and the College, The University of Chicago

Founding Member, Committee on Quantitative Research Methods in Social,

Behavioral, and Health Sciences

Member, Committee on Geographical Sciences

Faculty Associate, Center for the Economics of Human Development

Faculty Associate, Population Research Center

Faculty Associate, Center on Demography and Economics of Aging

Faculty Associate, Center for East Asian Studies

EXTERNAL AFFILIATIONS

2020-	Faculty Affiliate, Center for Applied Social and Economic Research, NYU Shanghai
2019-	Faculty Affiliate, International Max Planck Research School for Population,
	Health, and Data Science
2019-	Faculty Affiliate, Population Research Center, The University of Chicago
2017-	$\label{thm:condition} \mbox{Faculty Affiliate, Human Capital and Economic Opportunity Global Working Group,}$
	The University of Chicago

EDUCATION

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2015	Ph.D., Sociology, University of California, Los Angeles
2013	M.S., Statistics, University of California, Los Angeles
2010	$\mathbf{M.Phil.}$, Social Science, Hong Kong University of Science and Technology
2008	B.A. (Highest Academic Honors), Sociology, Renmin University of China

AREAS OF INTEREST

Social Stratification and Mobility, Social Demography, Social Statistics, Demographic Methods, Data Collection and Computing

PEER-REVIEWED PAPERS

- 22. **Song, Xi.** forthcoming. "The Media and Public (Mis)Perceptions of Inequality in China." *European Sociological Review*.
- Song, Xi, Emma Xiaolu Zang, Kenneth C. Land, Boyan Zheng. forthcoming. "Intergenerational Associations of Income Dynamics: A Group-Based Trajectory Approach." Research in Social Stratification and Mobility.
- 20. **Song, Xi** and Hal Caswell. 2022. "The Role of Kinship in Racial Differences in Exposure to Unemployment." *Demography*.
- 19. Xie, Yu, Hao Dong, Xiang Zhou, and **Xi Song**. 2022. "Trends in Social Mobility in Post-Revolution China." Proceedings of the National Academy of Sciences. 119(7): e2117471119.
- Caswell, Hal and Xi Song. 2021. "Kinship Dynamics with Time-Varying Demographic Rates." Demographic Research. 45(16):517–546.
 - 2022 Demographic Research Editor's Choice Award
- Song, Xi. 2021. "Multigenerational Social Mobility: A Demographic Approach." Sociological Methodology 51(1):1–43.
- Song, Xi and Thomas S. Coleman. 2021. "Using Administrative Big Data to Solve Problems in Social Science and Policy Research." Global Social Security Review. 14:5–15.
 - Translated into Korean; the English version can be found here
- Hawkley, Louise, Boyan Zheng, and Xi Song. 2020. "Loneliness and Behavioral Consequences of Negative Wealth Shock in Older Adults." Social Science & Medicine. 255:113000.
- Song, Xi, Catherine G. Massey, Karen A. Rolf, Joseph P. Ferrie, Jonathan L. Rothbaum, and Yu Xie.
 2020. "Long-Term Decline in Intergenerational Social Mobility in the United States, 1850–2015."
 Proceedings of the National Academy of Sciences. 117(1):251–258.
 - 2019 IPUMS USA Research Award
 - Reprinted in Grusky, D. B. Forthcoming. The Inequality Reader. Routledge.
- 13. Xie, Yu, Christopher Near, Hongwei Xu, and Xi Song. 2020. "Heterogeneous Treatment Effects

- on Children's Cognitive/Non-Cognitive Skills: A Reevaluation of an Influential Early Childhood Intervention." Social Science Research. 86:102389.
- Song, Xi (with Siwei Cheng; equal authorship). 2019. "Linked Lives, Linked Trajectories: Intergenerational Association of Intragenerational Income Mobility." American Sociological Review. 84(6): 1037–1068
 - Reprinted in Grusky, D. B. Forthcoming. *The Inequality Reader*. Routledge.
- Song, Xi and Robert D. Mare. 2019. "Shared Lifetimes, Multigenerational Exposure, and Educational Mobility." Demography 56(3): 891–916.
- Brand, Jennie E., Ravaris Moore, Xi Song, and Yu Xie. 2019. "Parental Divorce Is Not Uniformly Negative for Children's Educational Attainment." Proceedings of the National Academy of Sciences 116(15): 7266-7271.
- 9. Brand, Jennie E., Ravaris Moore, **Xi Song**, and Yu Xie. 2019. "Why Does Parental Divorce Lower Children's Educational Attainment? A Causal Mediation Analysis." Sociological Science 6: 264–292.
- 8. Jarvis, Benjamin F. and **Xi Song**. 2017. "Rising Intragenerational Occupational Mobility in the United States, 1969-2011." American Sociological Review 82(3): 568-599.
 - International Sociological Association RC28 Significant Scholarship Award
- 7. Song, Xi and Cameron D. Campbell. 2017. "Genealogical Microdata and Their Significance for Social Science." Annual Review of Sociology 43: 1.1–1.25.
- Song, Xi and Robert D. Mare. 2017. "Short-Term and Long-Term Educational Mobility of Families: A Two-Sex Approach." Demography 54(1): 145–173.
- 5. Song, Xi. 2016. "Diverging Mobility Trajectories: Grandparent Effects on Educational Attainment in One- and Two-Parent Families." *Demography* 53(6): 1905–1932.
 - American Sociological Association Family Section Graduate Student Paper Award Honorable Mention
- 4. Song, Xi, Cameron D. Campbell, and James Z. Lee. 2015. "Ancestry Matters: Patrilineage Growth and Extinction." American Sociological Review 80(3): 574–602.
- 3. Song, Xi and Robert D. Mare. 2015. "Prospective Versus Retrospective Approaches to the Study of Intergenerational Social Mobility." Sociological Methods and Research 44(4): 555–584.
- 2. Song, Xi and Yu Xie. 2014. "Market Transition Revisited: Changing Regimes of Housing Inequality in China, 1988-2002." Sociological Science 1: 277–291.

1. Wu, Xiaogang and Xi Song. 2014. "Ethnic Stratification in China's Economic Transition: Evidence from Xinjiang Uyghur Autonomous Region." Social Science Research 44: 158–172.

NON-PEER REVIEWED PAPERS

Song, Xi, Michael Lachanski, and Thomas Coleman. 2021. "Three Myths about Inequality and Mobility" Capitalism and Society. 15(1):1–15.

Song, Xi. 2020. "Models of Social Mobility and Social Change" edited by Michael Feuer, *Models in Social and Behavioral Sciences*. Social Science Research Council.

Xie, Yu and Xi Song. 2010. Chapter 1 Basic Concepts in Statistics; Chapter 2 Statistical Estimation and Inference; Chapter 3 Simple Regression; Chapter 5 Multiple Regression edited by Yu Xie, Regression Models in Social Sciences. Social Sciences Academic Press, Beijing, China (in Chinese).

UNPUBLISHED WORKING PAPERS

Brand, Jennie E., Ravaris Moore, **Xi Song**, and Yu Xie. 2017. "Unequal Families, Unequal Effects: How Parental Divorce Differentially Impacts Children's Educational Attainment." California Center for Population Research Working Paper Series PWP-CCPR-2017-010.

Song, Xi. 2014. "Heterogeneous Grandparent Effects: The Effect of Grandparents' Education on Grandchildren's Education in One-Parent and Two-Parent Families." California Center for Population Research Working Paper Series PWP-CCPR-2016-013.

Mare, Robert D. and **Xi Song**. 2014. "Social Mobility in Multiple Generations." California Center for Population Research Working Paper Series PWP-CCPR-2016-014.

RESEARCH GRANTS

Awarded

2022–2023 "The Summer Institute in Computational Social Science."

Source: SAS Conference Grant,

University of Pennsylvania

Role: Principal Investigator (co-PI: Alejandra Regla-Vargas)

Amount: \$5,000

2022–2023 "Methodology in Sociological Research Working Group."

Source: SAS Faculty Working Group Grant,

University of Pennsylvania

Role: Principal Investigator (co-PI: Alexander Adames)

Amount: \$4,680

2022–2023 "Predicting Growing and Declining Occupations Using Occupational Outlook Handbooks."

Source: University Research Foundation Award,

University of Pennsylvania Role: Principal Investigator

Amount: \$45,000

2022–2023 "Predicting Growing and Declining Occupations Using Occupational Outlook Handbooks."

Source: SAS Research Opportunity Grants,

University of Pennsylvania Role: Principal Investigator

Amount: \$5,000

2021–2022 "The Evolution of Occupations in the United States."

Source: Quartet Pilot Research Project Competition, Population Studies Center,

University of Pennsylvania Role: Principal Investigator

Amount: \$19,960

2020 "Three Narratives About U.S. Inequality."

Source: Campaign for Community, University of Pennsylvania

Role: Principal Investigator

Amount: \$400

2018–2019 "Visualization for Understanding and Exploration (VUE): Perceived Inequality in China."

Source: Research Computing Center, University of Chicago

Role: Principal Investigator

Amount: Two research associates

2016–2018 "Multigenerational Social Mobility and Inequality in the United States."

Source: Social Science Division Pilot Grant, University of Chicago.

Role: Principal Investigator

Amount: \$20,000

2015–2018 "Social Inequality in China and East Asia."

Source: Faculty Research Grant, East Asian Studies, University of Chicago

Role: Principal Investigator

Amount: \$12,000

2015–2017 "Heterogeneous Treatment Effects in Demographic Research" (PI: Yu Xie)

Source: NIH/NICHD 1 R01 HD074603-01

Role: Consultant

HONORS AND AWARDS

2022	Mentor of the Year Award, Graduate Students Society, University of Pennsylvania
2022	IPUMS Excellence In Research Award
2022	Demographic Research Editor's Choice Award
2021	William Julius Wilson Early Career Award, American Sociological Association,
	Section on Inequality, Poverty, and Mobility
2019	IPUMS USA Research Award
2019	International Sociological Association RC28 Significant Scholarship Award
	in Social Stratification
2015	Graduate Student Paper Award Honorable Mention, Section on Family, American
	Sociological Association
2013	Research Grant, UCLA Center for the Study of Women
2013	Stanford Biodemography Workshop Scholarship
2008	Best Thesis Award, Renmin University of China
2007	PetroChina Scholarship, Renmin University of China
2006	Xiaotong Fei Scholarship, Xiaotong Fei Foundation
2005-2008	First Class Academic Honors, Renmin University of China

TEACHING

 $Graduate\ Course,\ University\ of\ Pennsylvania$

Sociology 662, Panel Data Analysis

Sociology 612, Categorical Data Analysis

Undergraduate Course, University of Pennsylvania Sociology 010/301, Social Stratification

Graduate Course, University of Chicago

Sociology 30005, Advanced Statistical Methods of Research

Sociology 40204, Categorical Data Analysis Sociology 40212, Demographic Techniques

Undergraduate Course, University of Chicago

Sociology 13200, Social Science Inquiry II

SELECTED INVITED TALKS

National University of Singapore Centre for Family and Population Research; University of Pennsylvania School of Education; Chinese University of Hong Kong Department of Sociology; European University Institute; National Academies of Sciences, Engineering, and Medicine Mobility Workshop; Lorentz Center Netherlands; Florida State University CDPH Brownbags; PSID Seminar series

- 2021 UCLA Social Stratification, Inequality and Mobility Working Group; Duke Population Research Institute; UC Berkeley Demography Brown Bag; Bowling Green State University Center for Family and Demographic Research
- 2020 University of Chicago Human Capital and Economic Opportunity Working Group; Max Planck Institute of Demographic Research; University of Pennsylvania Data Science Hangout; Brown University Population Studies and Training Center
- Hong Kong University of Science and Technology Fok Ying Tung Research Institute; Princeton University Princeton Research Network on Contemporary China; Pennsylvania State University Department of Sociology; McGill University Department of Sociology
- University of Chicago Social Science Division Council Meeting; UCLA California Center for Population Research; University of Chicago Center for the Economics of Human Development; University of Wisconsin-Madison Department of Sociology; Zhejiang University Department of Sociology; Princeton University Princeton Research Network on Contemporary China (PRCC); New York University Department of Sociology; Tel Aviv University Department of Sociology; Harvard University Social Demography Seminar; University of Pennsylvania Department of Sociology
- 2017 Princeton University Office of Population Research; University of Wisconsin-Madison Department of Sociology; Northwestern University Department of Preventive Medicine, Feinberg School of Medicine
- 2016 University of Chicago Center for Health Statistics, School of Public Health Sciences; Columbia University Center for the Study of Wealth and Inequality; University of Chicago Workshop on Quantitative Methods in Education, Health, and the Social Sciences (QMEHSS)
- 2015 University of Chicago Population Research Center
- 2014 University of California-Berkeley Department of Demography; University of Michigan Department of Sociology; University of Chicago Department of Sociology; Northwestern University Department of Sociology

SELECTED CONFERENCE PRESENTATIONS

- Song, Xi, Jennie Brand, Sukie Yang, Michael Lachanski. 2022. "Mobility of Workers in Occupations with Job Contraction." Annual Meeting of the Population Association of America, Atlanta, GA.
- Song, Xi and Yu Xie. 2021. "Occupation-Based Socioeconomic Index with Percentile Rank." Annual Meeting of the American Sociological Association (virtual).
- **Song, Xi.** 2021. "Multigenerational Social Mobility: The Mare Approach." Annual Meeting of the American Sociological Association (virtual).
- **Song, Xi.** 2020. "A Demographic Approach to the Analysis of Social Mobility." Annual Meeting of the Population Association of America, Washington DC.
- Song, Xi. 2019. "Multigenerational Social Mobility." Annual Meeting of the American Sociological Asso-

- ciation, New York, NY.
- Song, Xi and Yinxian Zhang. 2018–2019. "Perceived Inequality in China." Research Committee on Social Stratification and Mobility (RC28) of the ISA, Princeton University, NJ; Princeton Research Network on Contemporary China; Annual Meeting of the International Chinese Sociological Association, Princeton University, NJ.
- Hawkley, Louise, Boyan Zheng, and **Xi Song**. 2019. "Loneliness and Behavioral Consequences of Negative Wealth Shock in Older Adults." Annual Meeting of the Population Association of America, Austin, TX.
- Song, Xi, Emma Xiaolu Zang, Kenneth C. Land. 2018. "Intergenerational Income Dynamics and Mobility." Annual Meeting of the American Sociological Association, Philadelphia, PA.
- Song, Xi, and Robert D. Mare. 2018. "Intergenerational Coresidence, Family Transitions, and the Transmission of Inequality across Generations in the United States." Research Committee on Social Stratification and Mobility (RC28) of the ISA, Yonsei University, South Korea.
- Song, Xi, Emma Xiaolu Zang, Kenneth C. Land. 2017. "Intergenerational Associations of Income Dynamics: A Group-Based Heterogeneity Approach." Annual Meeting of the Population Association of America, Chicago, IL.
- Song, Xi, Karen Rolf, Joseph Ferrie, Catherine Massey, and Yu Xie. 2017. "Trends in Intergenerational Mobility in the United States." Research Committee on Social Stratification and Mobility (RC28) of the ISA, University of Cologne, Germany; Annual Meeting of the Population Association of America, Chicago, IL.
- Brand, Jennie, Ravaris Moore, **Xi Song**, and Yu Xie. 2017. "How Does Parental Divorce Impact Children's Educational Attainment?" Research Committee on Social Stratification and Mobility (RC28) of the ISA, University of Cologne, Germany; Annual Meeting of the Population Association of America, Chicago, IL.
- **Song, Xi** and Robert D. Mare. 2017. "Demographic Transitions, Multigenerational Co-residence, and the Intergenerational Transmission of Inequality." Research Committee on Social Stratification and Mobility (RC28) of the ISA, University of Cologne, Germany.
- Jarvis, Benjamin F. and Xi Song. 2016. "Trends in Intragenerational Mobility." Annual Meeting of the American Sociological Association, Seattle, WA; Research Committee on Social Stratification and Mobility (RC28) of the ISA, Bern, Switzerland.
- Song, Xi and Siwei Cheng. 2016. "Intergenerational Association of Intragenerational Income Mobility." Annual Meeting of the Population Association of America, Washington, DC; Research Committee on Social Stratification and Mobility (RC28) of the ISA, Bern, Switzerland.
- Mare, Robert D. and **Xi Song**. 2015–2016. "The Changing Demography of Multigenerational Relationships." Research Committee on Social Stratification and Mobility (RC28) of the ISA, University of Pennsylvania, Philadelphia, PA; Annual Meeting of the Population Association of America, Washing-

- ton, DC; The Donald J. Bogue Demography Workshop, Population Research Center, the University of Chicago; Evolutionary Demography Society, University of Virginia, Charlottesville, VA; The first ECSR Thematic Workshop: Demography and Inequality, Berlin, Germany.
- Campbell, Cameron D., James Z. Lee, and **Xi Song**. 2015. "A Historical Perspective on Multigenerational Stratification." Research Committee on Social Stratification and Mobility (RC28) of the ISA, University of Pennsylvania, Philadelphia, PA
- Song, Xi. 2015. "Grandparent Effects on Educational Attainment in One- and Two-Parent Families." Annual Meeting of the American Sociological Association, Chicago, IL; Department of Demography, University of California, Berkeley; Department of Sociology, University of Chicago; Department of Sociology, University of Michigan, Ann Arbor; Department of Sociology, Northwestern University.
- Song, Xi. 2014. "Educational Mobility in Three Generations: Single-Parent and Grandparent Effect." Annual Meeting of the Population Association of America, Boston, MA; Research Committee on The Demographic Reproduction of Social Stratification at the XVIII ISA World Congress of Sociology, Yokohama, Japan.
- Song, Xi and Robert D. Mare. 2013. "Educational Mobility in Multiple Generations: A Two-Sex Approach." Research Committee on Social Stratification and Mobility (RC28) of the ISA, Trento, Italy; Annual Meeting of the American Sociological Association, New York, NY; Stanford Workshop in Biodemography.
- Bianchi, Suzanne M., Judith A. Seltzer, and **Xi Song**. 2013. "Money and Time Transfers from Parents to Adult Children in the United States: New Evidence on Between and Within Family Differences from the June 2012 Survey of Consumer." Annual Meeting of the Population Association of America, New Orleans, LA; Research Committee on Social Stratification and Mobility (RC28) of the ISA, Trento, Italy.
- Song, Xi and Robert D. Mare. 2012. "Retrospective Versus Prospective Approaches to the Study of Social Mobility." Research Committee on Social Stratification and Mobility (RC28) of the ISA, Hong Kong.
- Song, Xi, Cameron D. Campbell, and James Z. Lee. 2012. "Descent Line Growth and Extinction from a Multigenerational Perspective." Annual Meeting of the Population Association of America, San Francisco, CA.
- Mare, Robert D. and **Xi Song**. 2011–2012. "Stratification in Multiple Generations." Research Committee on Social Stratification and Mobility (RC28) of the ISA, Iowa City, IA; Annual Meeting of the Population Association of America, San Francisco, CA; Research Committee on Social Stratification and Mobility (RC28) of the ISA, Hong Kong.
- Wu, Xiaogang and **Xi Song**. 2010. "Ethnic Stratification in China's Labor Market: Evidence from Xinjiang Uyghur Autonomous Region." Research Committee on Social Stratification and Mobility (RC28) of the ISA, Haifa, Israel.
- Wu, Xiaogang and Xi Song. 2010. "Gender and Employment During China's Labor Market Transition,

1982–2002." Annual Meeting of the Population Association of America, Dallas, TX.

Song, Xi. 2009. "The Shift of Housing Inequality and Its Regional Variations in Reform Era China." Research Committee on Social Stratification and Mobility (RC28) of the ISA, Beijing, China.

Song, Xi. 2009. "Values and Modes of Conflict Resolution: A Portrait of the Chinese New Middle Class."

Annual Meeting of the American Sociological Association, San Francisco, CA.

ADVISING

University of Pennsylvania

Dissertation Chair

In progress Alexander Adames
In progress Allison Dunatchik

Dissertation Committee

2022 Weilong Li (Analysis Group)

2021 Nick Graetz (Postdoc, Princeton University)

In progress Hyeri Choi In progress Treva Tam In progress Taylor Heath

Doctoral Advisor

In progress Michael Lachanski

Outside Dissertation Committee Member

In progress Fumiya Uchikoshi (Princeton University)

University of Chicago

Dissertation Committee

2021 Winnie Tong (Teaching Fellow, University of Chicago)

2019 Yinxian Zhang (Assistant Professor of Sociology, Queens College)

MA Committee Chair

2018 Kai Feng, Gender Cultures, Division of Household Labor, and Fertility Preference
2018 Boyan Zheng, The Determinants of Parenting and Its Effects on Children's Cognitive

Development from a Multigenerational Perspective

2017	Taylor Aquino, Race/Ethnic Differences in Adolescent Risk-Taking Behaviors
2017	Eleanor Koh Ching Ern, Do Grandparents Matter? A Study of Multigenerational Income
	Mobility in the United States
2017	Kailey White, Parental Involvement in College Planning and the Likelihood of College
	Enrollment
2017	Xia Zheng, Is Political Capital Still Important for Socioeconomic Attainment? Evidence
	from China Three Decades after the Market Transition

DEPARTMENTAL & UNIVERSITY SERVICE

University of Pennsylvania

$\begin{array}{c} \textit{University-Wide} \\ 2022-2024 \\ \text{ships Mentor} \end{array}$	Center for East Asian 2020–2021	Center for Undergraduate Research & Fellow-
	Fulbright Faculty Committee	
2019 – 2020	SAS Strategic Planning Working Gr	oup
	SAS Data-Driven Discovery Working	g Group
	SAS China Working Group	

Department of Sociology

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2020 – 2021	Executive Committee	
	Colloquium Committee	
2019 – 2020	Computing Committee	

Special Field Exam Chair

University of Chicago

${\it University-Wide}$	
2015 – 2019	Faculty Mentor, Specialized Training Program in the Center on Demography and
	Economics of Aging, NORC at the University of Chicago
2015 – 2019	Faculty Sponsor, East Asia Workshop
2018	Faculty Coordinator, Demography Workshop
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Department of So	priology
2016 – 2017	Graduate Admissions Committee
2017	Placement Committee
2015 – 2017	Prelim Exam Committee on Family
2015 – 2017	Prelim Exam Committee on Population

SERVICE TO THE DISCIPLINE

American Journal of Sociology

2016

2016–2019 Associate Editor 2015–2016 Editorial Board

Chinese Sociological Review

2020–2024 Editorial Board

Demography

2020– Editorial Board

IPUMS

2022– Advisory Board

Social Science Research

2020–2023 Editorial Board

Sociological Methodology

2020–2022 Editorial Board

Research in Social Stratification and Mobility

2019– Associate Editor 2017– Editorial Board

American Sociological Association

2021 – 2024	Council Member, Methodology Section
2022	Career Award Committee Member, Section on Inequality, Poverty and Mobility
2022	Best Article Award Committee Chair, Section on Methodology
2021	Best Article Award Committee Member, Section on Inequality, Poverty and Mobility
2021	Program Committee, Section on Mathematical Sociology
2019	Mentoring Committee, Section on Aging and the Life Course
2016	Nominations Committee, Section on Inequality, Poverty and Mobility

International Sociological Association

2020 Committee Member, RC28 Significant Scholarship Award

International Chinese Sociological Association

2019– Board Member

Occasional Referee

Advances in Life Course Research; American Journal of Sociology; American Sociological Review;

British Journal of Sociology; Chinese Sociological Review; Demography; Demographic Research; European Journal of Population; European Research Council; European Sociological Review; Housing Studies; International Migration Review; Israel Science Foundation; Journal of Family Studies; Journal of Health and Social Behavior; Journal of Marriage and Family; Journal of Political Economy; National Science Foundation; Nature Human Behaviour; PLOS ONE; Population and Development Review; Population Research and Policy Review; Proceedings of the National Academy of Sciences; Research in Social Stratification and Mobility; Research in the Sociology of Education; Science Advances; Social Currents; Social Forces; Social Problems; Social Sciences and Humanities Research Council of Canada; Social Science History; Social Science Research; Social Science and Medicine; Sociological Methods and Research; Sociological Methodology; Sociological Science; Sociology of Education; Sociology of Race and Ethnicity; Socius; The Review of Economic Studies; The Sociological Quarterly