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FORMAL EDUCATION

- 2004 Ph.D., Sociology
University of California at Los Angeles
- 2000 M.A., Sociology
University of California at Los Angeles
- 1992 B.A., Sociology
Renmin University of China

POSITIONS HELD

- 2019-present Professor and Chair, Department of Sociology, Queens College, CUNY
- 2019-present Professor, Certificate Program in Demography, CUNY Graduate Center
- 2009-present Faculty Associate, CUNY Institute for Demographic Research
- 2006-present Faculty Affiliate, California Center for Population Research, UCLA
- 2014-2019 Associate Professor, Department of Sociology, Queens College, CUNY
- 2014-2019 Associate Professor, Certificate Program in Demography, CUNY Graduate Center
- 2011-2014 Assistant Professor, Certificate Program in Demography, CUNY Graduate Center
- 2009-2014 Assistant Professor, Department of Sociology, Queens College, CUNY
- 2007-2010 Associate Professor, Institute of Sociology, Chinese Academy of Social Sciences
- 2005-2008 Affiliate Associate Professor, Department of Epidemiology and Biostatistics
School of Public Health and Family Medicine, Capital Medical University
- 2004-2007 Assistant Professor, Institute of Sociology, Chinese Academy of Social Sciences

ARTICLES

- 2019 Song, Shige, and Weidong Wang. "Testing the Only-Child Advantage in Cognitive Development in the Context of China's One-Child Policy." *Population Research and Policy Review* 38(6):841–867.
- 2019 Babiarz, Kimberly, Paul Ma, Shige Song, and Grant Miller. "Population Sex Imbalance in China before the One-Child Policy." *Demographic Research* 40(13):319-358.

- 2018 Song, Shige. "Spending Patterns of Chinese Parents on Children's Backpacks Support the Trivers-Willard Hypothesis: Results Based on Transaction Data from China's Largest Online Retailer." *Evolution and Human Behavior* 39(3):336-342.
- 2017 Zhang, Zhuoni, Shige Song, and Xiaogang Wu. "Exodus from Hunger: The Long-Term Health Consequences of the 1959–1961 Chinese Famine." *Biodemography and Social Biology* 63(2):148-166.
- 2016 Song, Shige, and Lu Zheng. "The Impact of Sent-Down Movement on Chinese Women's Age at First Marriage." *Demographic Research* 34(28):797-826.
- 2015 Song, Shige. "Privation, Stress, and Human Sex Ratio at Birth." *Early Human Development* 91(12):823-827.
- 2014 Song, Shige. "Malnutrition, Sex Ratio, and Selection: A Study Based on the Great Leap Forward Famine." *Human Nature* 25(4):580-595.
- 2014 Song, Shige. "Evidence of Adaptive Intergenerational Sex Ratio Adjustment in Contemporary Human Populations." *Theoretical Population Biology* 92:14-21.
- 2013 Song, Shige. "The Intergenerational Transmission of Prenatal Adversity: Evidence from China's Great Leap Forward Famine." *Economics and Human Biology* 11(4):474-487.
- 2013 Song, Shige. "Assessing the Impact of *In Utero* Exposure to Famine on Fecundity: Evidence from the 1959–61 Famine in China." *Population Studies* 67(3):293-308.
- 2013 Song, Shige. "Prenatal Malnutrition and Subsequent Foetal Loss Risk: Evidence from the 1959-1961 Chinese Famine." *Demographic Research* 29:707-728.
- 2012 Song, Shige. "Does Famine Influence Sex Ratio at Birth? Evidence from the 1959-1961 Great Leap Forward Famine in China." *Proceedings of the Royal Society B: Biological Sciences* 279(1739):2883-2890.
- 2011 Song, Shige, and Sarah A. Burgard. "Dynamics of Inequality: Mother's Education and Infant Mortality in China, 1970-2001." *Journal of Health and Social Behavior* 52(3):349-364.
- 2010 Song, Shige. "Mortality Consequences of the 1959-1961 Great Leap Forward Famine in China: Debilitation, Selection, and Mortality Crossovers." *Social Science & Medicine* 71(3):551-558.
- 2010 Peng, Xiaoxia*, Shige Song*, Jingjun Qiu, and Wei Wang. "Ageing, the Urban-Rural Gap and Disability Trends: 19 Years of Experience in China - 1987 to 2006." *PLoS ONE* 5(8): e12129. (*Equal Contribution)
- 2009 Song, Shige, Peifeng Hu, and Wei Wang. "Famine, Death, and Madness: Schizophrenia in Early Adulthood after Prenatal Exposure to the Chinese Great Leap Forward Famine." *Social Science & Medicine* 68(7):1315-1321.
- 2009 Song, Shige. "Does Famine Have a Long-Term Effect on Cohort Mortality? Evidence from the 1959-1961 Great Leap Forward Famine in China." *Journal of Biosocial Science* 41(4): 469-491.
- 2008 Song, Shige, and Sarah A. Burgard. "Does Son Preference Influence Children's Growth in Height? A Comparative Study of Chinese and Filipino Children." *Population Studies* 62(3): 305-320.

- 2005 Treiman, Donald J., William M. Mason, Yao Lu, Yi Pan, Yaqiang Qi, and Shige Song. "Observations on the Design and Implementation of Sample Surveys in China." *Social Transformations in Chinese Societies* 1: 81-101.
- 2005 Song, Shige, and Chen Huashan. "Longitudinal Data and Growth Modeling in Sociological Research." *Sociological Studies* (社会学研究) 5: 69-91 [in Chinese].

UNDER REVIEW

- Song, Shige, and Andrew A. Beveridge. "The Wisconsin Narrative and the Effectiveness of Campaign Visits in the 2016 U.S. Presidential Election."
- Babiarz, Kimberly, Paul Ma, Grant Miller, and Shige Song. "The Limits (and Harms) Of Population Policy: Fertility Decline and Sex Selection in China under Mao."

WORKING PAPERS

- Song, Shige, and William M. Mason. "Spatio-Temporal Analysis of US Mortality, 1968-2015."
- Song, Shige, Kimberly Babiarz, Paul Ma, and Grant Miller. "Assessing the Long-Term Demographic Consequences of Family Planning Policies in China: 1970-2015."

RESEARCH GRANTS

- 2018-2019 "Searching for More Effective Early Childhood Interventions."
PSC-CUNY Research Award, CUNY
Role: Principal Investigator (\$5,500)
- 2017-2018 "Spatiotemporal Analysis of Longterm US Mortality Trend: 1968-2015."
Research Enhancement Award, Queens College, CUNY
Role: Principal Investigator (\$8,000)
- 2012-2013 Research Enhancement Award, Queens College, CUNY, "The Great Leap Forward Famine, Natural Experimental Design, and Evolutionary Social Demography,"
Principal Investigator (\$4000)
- 2012-2013 PSC-CUNY Research Award, CUNY, "Prenatal Famine Exposure and Reproductive Health," Principal Investigator (\$4,000)
- 2011-2012 Research Enhancement Award, Queens College, CUNY, "Identifying the Developmental Origins of Reproductive Outcomes," Principal Investigator (\$3000)
- 2009-2011 Research Enhancement Fund Award, Queens College, CUNY, "Long-Term Health and Demographic Consequences of the Great Famine (1958-1961) in China: Evidence from Existing Data Sources," Principal Investigator (\$19,280)
- 2008-2010 Key Project Grant, Chinese Academy of Social Sciences, "The Past, Present, and Future Pattern of Sex Ratio at Birth in China-Some Policy Implications," Principal Investigator (60,000 RMB = about \$9,000)
- 2008-2009 Faculty Seed Grant, UCLA California Center for Population Research, "From Cross-Section to Panel Study: Tracking Respondents in China for Future Interviews," Principal Investigator (\$7,000)

- 2007-2008 Pilot Project Grant, USC/UCLA Biodemography & Population Health Center, “Migrant-Nonmigrant Differentials in Cardiovascular Risk Factors in China,” Co-Principal Investigator (PI: Peifeng Hu, \$20,000)
- 2006-2008 National High Technology Research and Development Program (863 Program), Ministry of Science and Technology of China, “Identification and Evaluation of Sub-Optimal Health Status in Urban Chinese Population,” (2006AA02Z434) Co-Principal Investigator (grant proposal author) (PI: Wei Wang, 800,000 RMB = about \$108,110)
- 2006-2008 National Science Foundation, “Internal Migration in China: Data Collection and Analysis,” (SES-0551279) Co-Principal Investigator (PI: Donald J. Treiman, \$278,249)
- 2004-2006 Faculty Research Grant, Institute of Sociology, Chinese Academy of Social Sciences, “Contextual Determinants of Children’s Growth and Development,” Principal Investigator (55,000 RMB = about \$7,440)

RESEARCH PROPOSALS

Pending

None

Unfunded

- “An In-depth Analysis of the First Randomized Experiment-Based Early Childhood Intervention in China.” Principal Investigator. Submitted to NICHD, February 2018. Approximately \$462,000 requested.
- “Identifying the Underlying Mechanisms of Health Disparities: A Natural Experiment-Based Causal Mediation Analysis.” Principal Investigator. Submitted to NSF (CAREER), July 2013. Approximately \$569,604 requested.
- “Integrating Neo-Darwinian Theories and Natural Experimental Design into Population Studies: Toward an Evolutionary Social Demography.” Principal Investigator. Submitted to NSF (CAREER), July 2012. Approximately \$471,254 requested.
- “Developmental Plasticity or Developmental Disruption? Identifying the Effects of Prenatal Exposure to Malnutrition on Female Reproductive Function Using the 1959-1961 Chinese Famine as Natural Experiment.” Principal Investigator. Submitted to NIH (R03) February 2011. \$155,000 requested. Score: 39. Percentile: 34. Subsequently revised and resubmitted, February 2012. Percentile: 15.
- “New Approaches to Understanding the Social Determinants of Health.” Principal Investigator. Submitted to NSF (CAREER), August 2011. Approximately \$471,254 requested.
- “Long-Term Health Effects of Prenatal Undernutrition: A Natural Experiment.” Principal Investigator. Submitted to CUNY Collaborative Incentive Research Grants Program, Round 17, February 2010. \$60,000 requested.
- “Social Inequality, Migration, and Health Disparities.” Co-Investigator. Submitted to NIH (R01), February 2010. Approximately \$3,000,000 requested.
- “Long-Term Health and Demographic Consequences of the 1959-1961 Great Leap Forward Famine: Evidence from Existing Data Sources.” Principal Investigator. Submitted to PSC-CUNY Research Award Program, December 2009, \$6,000 requested.

“Long-Term Health Consequences of the Great Leap Forward Famine (1959-1961) in China: Evidence from Existing Data Sources.” Principal Investigator. Submitted to CCK Foundation, October 2009, \$26,100 requested.

“Global Patterns and Trends in Childhood Obesity and Its Determinants.” Principal Investigator. Submitted to NIH, Sept. 24, 2009 (R15). \$296,000 requested.

“Migrants, Life Histories, Biometrics, Biomarkers: A Probability Survey of China.” Consultant (PI: Donald J. Treiman). Submitted to NICHD, June 1, 2005 (R01). Subsequently revised twice and resubmitted, June 2009.

“Migrant-Nonmigrant Health Differentials in China.” Co-Investigator (PI: Peifeng Hu). Submitted to NICHD, June 16, 2008 (R21). \$270,000 requested. Subsequently revised twice and resubmitted, June 2009.

AWARDS AND HONORS

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| 2015-2016 | Visiting Scholar, Department of Sociology, Tsinghua University |
| 2013 | CUNY William Stewart Travel Award |
| 2010 | Award for Distinguished Contribution to Scholarship in Population, Sociology of Population Section, American Sociological Association |
| 2009 | Population Association of America 2009 Travel Award |
| 2008 | Visiting Scholar, California Center for Population Research, UCLA (from 25 September 2008 to 24 March 2009) |
| 2006 | Visiting Scholar, California Center for Population Research, UCLA (from 27 November 2006 to 28 February 2007) |
| 2006 | Population Association of America 2006 Travel Award |
| 2005 | Salzburg Seminar Fellowship
Session “Early Childhood Development: Improving Linkages between Research, Practice and Policy” |
| 2005 | Population Association of America 2005 Travel Award (Declined) |
| 2005 | Ford Foundation Travel Award (to attend the Annual Meeting of PAA in Philadelphia) |
| 2004 | William and Flora Hewlett “Reentry Home Country” Fellowship, California Center for Population Research, University of California at Los Angeles |
| 2003 | William and Flora Hewlett Training in International Population Studies (TIPS) Dissertation Fellowship, California Center for Population Research, UCLA |
| 2002-2003 | Chancellor’s Dissertation Fellowship, University of California at Los Angeles |
| 2001-2002 | TA Award, Department of Sociology, University of California at Los Angeles |
| 1998-2001 | Chancellor’s Fellowship, University of California at Los Angeles |
| 1994 | Visiting Scholar, Department of Political Science, Duke University |

SELECTED MEDIA/PRESS COVERAGE

- 2018 *Scientific American*: “Blue’s Clues.” by Matthew Hutson, July 2018
- 2013 *Discover Magazine*: “When Do Girls Rule the Womb?” by Jennifer Abbasi, November 2013
- 2013 *The Atlantic*: “The Unexpected Ways a Fetus Is Shaped by a Mother's Environment.” by Lindsay Abrams, June 2013
- 2012 *ABC Radio Australia*: “Study Finds Fewer Boys Born during Great Famine in China.” discussed by Joanna McCarthy, with Rob Brooks, 17 April 2012
- 2012 *The Week*: “Natural Selection by Famine.” 13 April 2012
- 2012 *The Toronto Star*: “Tough Time Breeds More Girls, Study Finds.” by Lesley Ciarula Taylor, 29 March 2012
- 2012 *Nature* (www.nature.com): “Hungry Mothers Give Birth to More Daughters.” by Zoë Corbyn, 28 March 2012
Chinese version was published both in print and online by *China Science Daily* on March 29, 2012
- 2012 *MailOnline* (www.dailymail.co.uk): “During Food Shortages, Women Give Birth to More Daughters to Ensure Humanity Survives.” by Ted Thornhill, 28 March 2012
- 2012 *Science* (<http://news.sciencemag.org>): “Chinese Famine Led to More Female Births.” by Helen Fields, 27 March 2012
- 2012 *LiveScience* (www.livescience.com): “Hard Times Mean Fewer Baby Boys, Study Suggests.” by Stephanie Pappas, 27 March 2012
This article was syndicated to Yahoo! News, The Huffington Post, and MSNBC.

PAPER PRESENTATIONS

- Beveridge, Andrew, Shige Song, and Ahmed Lacevic. 2017. “Is It Still the Economy Stupid? A Spatial Regression Analysis of the 2016 Presidential Election Using the American Community Survey Data and Other Materials.” Paper presented at 2017 ACS Data Users Conference. Alexandria, Virginia, May 11-12.
- Song, Shige. 2017. “Blue or Pink, Which Backpack Costs More? New Insights on Parental Sex Preferences From the JD Big Data.” Poster presented at the Annual Meeting of the Population Association of America. Chicago, April 27-29.
- Babiarz, Kimberly, Paul Ma, Grant Miller, and Shige Song. 2015. “Early Fertility Decline and Sex Imbalance in Rural China.” Paper presented at the Annual Meeting of the Population Association of America. San Diego, April 30-May 2.
- Song, Shige. 2015. “‘Wan, Xi, Shao’ vs. Sent-Down: What Caused the Chinese Fertility Decline in the 1970s?” Poster presented at the Annual Meeting of the Population Association of America. San Diego, April 30-May 2.
- Song, Shige. 2014. “Does Fertility Track Mortality? A Natural Experimental Test of the Evolutionary Theory.” Poster presented at the Annual Meeting of the Population Association of America. Boston, May 1-3.

- Song, Shige. 2013. "Testing Fisherian Adaptive Sex Ratio Hypothesis: A Famine-Based Natural Experimental Approach." Paper presented at the Annual Meeting of the Population Association of America. New Orleans, April 11-13.
- Song, Shige. 2012. "The Effect of Prenatal Famine Exposure on Female Sterility Revisited: Developmental Plasticity, Developmental Disruption, or Selection?" Paper presented at the Annual Meeting of the Population Association of America. San Francisco, May 3-5.
- Song, Shige. 2011. "Identifying the Intergenerational Effects of Prenatal Exposure to Nutritional Deprivation on Infant Mortality: Using the 1959-1961 Chinese Great Leap Forward Famine as a Natural Experiment." Paper Presented at the Annual Meeting of the Population Association of America. Washington, DC, March 31-April 2.
- Paper also presented at the International Workshop on Grain and Politics of the Twentieth Century. Shanghai, China, May 28-30.
- Song, Shige. 2010. "Does Prenatal Famine Exposure Influence Female Fecundity? Evidence from the 1959-1961 Great Leap Forward Famine in China" Paper Presented at the Annual Meeting of the Population Association of America. Dallas, April 15-17.
- Song, Shige, and Sarah A. Burgard. 2009. "Social Conditions and Infant Mortality in China: A Test of the Fundamental Cause Perspective." Paper Presented at the Annual Meeting of the Population Association of America, Detroit, April 30-May 2.
- Song, Shige, and Jingjun Qiu. 2009 "Migration and the Initiation of Cigarette Smoking among Chinese Adults: Evidence from Event History Analysis." Poster Presented at the Annual Meeting of the Population Association of America, Detroit, April 30-May 2.
- Burgard, Sarah A. and Shige Song. 2009. "How to Estimate the Effects of Prenatal Care and Professional Delivery Assistance on Infant Mortality Risk." *Paper Presented in the Annual Meeting of the Population Association of America. Detroit, April 30-May 2.*
- Song, Shige, and Bengt O. Muthén. 2007. "Growth Mixture Modeling for Sequential Growth Processes." Paper Presented at the Annual Meeting of the Population Association of America, New York, March 29-31.
- Song, Shige. 2007. "Local Variation in the One-Child Policy and Its Determinants: 1989-2000." Poster presented at the Annual Meeting of the Population Association of America, New York, March 29-31.
- Song, Shige. 2006. "Child Obesity and Inequality in Transitional Society: A Longitudinal Study of China." Paper accepted for presentation at the ISA World Congress, Durban, July 23-29.
- Song, Shige. 2006. "Multilevel Growth Modeling of Chinese Children's Physical Development." Paper presented at the Annual Meeting of the Chinese Sociological Association, Taiyuan, July 15-17.
- Song, Shige, and Sarah A. Burgard. 2006. "Does Son Preference Influence Children's Growth in Height? A Comparative Study of Chinese and Filipino Children." Paper presented at the Annual Meeting of the Population Association of America, Los Angeles, March 30-April 1.
- Song, Shige. 2005. "Educational Expansion and Changes in Age at First Marriage in Contemporary China." Paper presented at the Conference on Sociological and Demographic Methodology, Peking University, Beijing, December 30.

- Song, Shige. 2005. "Determinants of Children's Growth in Height at the Individual, Family, and Community Level: The Case for Contemporary China." Paper presented at the Annual Meeting of the Population Association of America, Philadelphia, March 31-April 2.
- Treiman, Donald J., Yi Pan, Yaqiang Qi, and Shige Song. 2005. "Lessons from a Pilot Study for a National Probability Sample Survey of Chinese Adults Focusing on Internal Migration." Paper presented at the Annual Meeting of the Population Association of America, Philadelphia, March 31-April 2.
- Song, Shige. 2003. "Study of Age at First Marriage in Contemporary China: A Relative Distribution Approach." Poster presented at the Annual Meeting of the Population Association of America, Minneapolis, May 1-3.
- Treiman, Donald J., and Shige Song. 1999. "Educational Attainment in the People's Republic of China." Paper presented at the Meeting of the ISA Research Committee on Social Stratification and Mobility, Madison, August 11-14.

INVITED TALKS

- 2018 "An In-Depth Analysis of the 2016 American Presidential Election." Peking University Center for Social Research, December 17.
- 2018 "An In-Depth Analysis of the 2016 American Presidential Election." National Research Survey Center, Renmin University of China, December 12.
- 2017 "Trump Was Stronger Where the Economy Is Weaker: A Bayesian Spatial Analysis of the 2016 Presidential Election." National Institute of Social Development, Chinese Academy of Social Sciences, November 22.
- 2017 "Space, Geography, Bayes, and American Presidential Election." National Research Survey Center, Renmin University of China, November 21.
- 2017 "A Bayesian Spatial Analysis of the 2016 Presidential Election." National Institute of Social Development, Chinese Academy of Social Sciences, June 14.
- 2015 "Family Size Has No Effect on Intellectual Development." School of Labor and Human Resources, Renmin University of China, November 11.
- 2011 "Identifying the Intergenerational Effects of the 1959-1961 Chinese Great Leap Forward Famine on Infant Mortality." Fetal Origins, Early Childhood Exposure, and Famine Conference, Center for Health and Wellbeing – Princeton University, September 13.
- 2008 "Social Conditions and Infant Mortality in China: A Test of the Fundamental Cause Perspective." California Center for Population Research Seminar Series, UCLA, October 29.

TEACHING EXPERIENCE

Department of Sociology, Queens College, The City University of New York
Social Statistics (Undergraduate Course), Fall 2009, Spring 2010, Spring 2011, Spring 2012, Spring 2013, Spring 2014, Spring 2015, Spring 2017
Basic Analytics (Graduate Course), Spring 2014
Advanced Analytics (Graduate Course), Spring 2015, Spring 2017, Fall 2017, Spring 2018, Fall 2018, Spring 2019

Graduate Center, The City University of New York
Demography of Famine (Graduate Course), Spring 2012

Department of Epidemiology and Biostatistics, School of Public Health and Family Medicine, Capital
Medical University
Statistics for Medical Research (Graduate Course), Fall 2007

Department of Sociology, Renmin University of China
Quantitative Research Methods in Sociology (Graduate Course), Fall 2005

Department of Sociology, University of California at Los Angeles
Survey Data Analysis I & II (Graduate Course), Fall 2001-Winter 2002, Teaching Fellow
Social Stratification (Undergraduate Course), Spring 2001, Teaching Associate
Intermediate Statistical Methods II (Graduate Course), Winter 2001, Teaching Associate
Intermediate Statistical Methods I (Graduate Course), Fall 2000, Teaching Assistant
Survey Data Analysis I & II (Graduate Course), Fall 1999-Winter 2000, Teaching Assistant

AFFILIATIONS AND PROFESSIONAL ACTIVITIES

Member, American Sociological Association
Member, Population Association of America

Journal Editorial Service

Editorial Board: *Chinese Sociological Review* (2016-2019)
Social Science Research (2015-2018)

*Referee: American Journal of Psychiatry, American Sociological Review, Biodemography and Social
Biology (formerly Social Biology), BMC Cancer, BMC Health Services Research, Bulletin of
the World Health Organization, Demographic Research, Demography, Economics and Human
Biology, Journal of Health and Social Behavior, Metabolism: Clinical and Experimental,
Population and Development Review, Population Research and Policy Review, Population
Studies, Social Science & Medicine, Sociological Studies (a.k.a. Sociological Research,
Shehuixue Yanjiu, 社会学研究), Sociology of Education, Studies in Family Planning*