

JUN XU
Vitae

Department of Sociology
Ball State University
Muncie, Indiana 47306

Office: NQ214
Phone (Office): 765-285-4488
E-mail: jxu@bsu.edu

ACADEMIC EMPLOYMENT

2020-Present Professor in Sociology and Data Science, Ball State University
2017-Present Professor in Sociology, Ball State University
2012-2017 Associate Professor, Ball State University
2012-2013 Faculty Fellow, Global Health Institute, Ball State University
2006-2012 Assistant Professor, Ball State University.

EDUCATION

2006 Ph.D. Sociology, Indiana University at Bloomington, USA
2000 M.A. Sociology, Northern Illinois University, USA
1996 B.A. English Literature and Linguistics, Beijing Normal University, China

MAJOR POSITIONS HELD

2014-2018 Director of Graduate Studies, Department of Sociology, Ball State University
2014-2017 Council member of the Asia and Asian America Section, ASA
2017-2018 Board member of the International Chinese Sociological Association

RESEARCH AND TEACHING INTERESTS

Asia and Asian America (Asian Americans and China)
Comparative Sociology (Welfare State)
Medical Sociology (Health Disparity, International Health, and Mental Health)
Quantitative Methodology (Bayesian Statistics, Categorical Data, and Machine Learning)
Sociology of Education (Comparative Education and Cultural Capital)

COURSES TAUGHT

Principles of Sociology (undergraduate)
Social Psychology (undergraduate)
Applied Social Statistics (undergraduate)
Medical Sociology (undergraduate)
Social Determinants of Health (undergraduate)
Applied Social Statistics (graduate)
Categorical and Limited Dependent Variable Models (graduate)
Multilevel Modeling (graduate)

AWARDS/GRANTS/HONORS

- 2017 Diversity Research Award, the Office of Institutional Diversity, Ball State University
- 2015 The Research Article Award, Asia and Asian America Section of the American Sociological Association, for the paper titled “Marginalized Model Minority? An Empirical Examination of the Racial Triangulation of Asian Americans,” published at *Social Forces* with Jennifer Lee (award given to the best article published on Asia and Asian American in 2013-2015).
- 2012 Faculty Fellow, Global Health Institute, Ball State University
- 2011 The Excellence Research Award from the Center for Disease Control and Prevention Behavioral and Social Science Working Group for the paper “What Does ‘Occupation’ Represent as an Indicator of Socioeconomic Status?: Exploring Occupational Prestige and Health” published at *Social Science & Medicine* 2010 Dec 71(12):2100-07 (with Kaori Fujishiro and Fang Gong).
- 2009 The Most Creative Methodology Award at the Diversity Research Symposium, Ball State University for the paper “Virtues of Vagabonds: An Empirical Examination of Racial Triangulation of Asian Americans” (with Jennifer Lee).
- 2008 Fishers Research Fellowship, Millers College of Business, Ball State University
- 2008 New Faculty Research Grant, Ball State University
- 2004-2006 Research Associate, Discipline-Based Scholarship for Education, Indiana University and Spencer Foundation.
- 2005-2006 The Atherton-Bean Research Fellowship, Department of Sociology, Indiana University.
- 2005 The Karl F. Schuessler Award for Outstanding Graduate Research in Sociology, Department of Sociology, Indiana University.
- 2005 Outstanding Graduate Student Paper Award (First Place), Midwest Sociological Society.
- 2004 The John Seidler Award for Outstanding Graduate Paper (First Place), North Central Sociological Association.
- 2003-2004 Competitive Research Fellowship, Department of Sociology, Indiana University.

- 2002 Outstanding Graduate Student Research Paper Award (First Place), Asia and Asian America Section, American Sociological Association.
- 2000-2002 Graduate School Fellowship, Graduate School, Indiana University.
- 2000 Distinguished Master's Thesis Award, Graduate School (First Place), Northern Illinois University.
- 1996 Award for the Best Intern Teacher, Beijing Normal University.
- 1995 Citation for Excellent Work in the 4th World Conference on Women, The Organizing Committee and the United Nations.
- 1993-1995 Scholarship for Outstanding Academic Records, Beijing Normal University

BOOKS/MONOGRAPHS

- Xu, Jun. *Frequentist and Bayesian Regression Analysis of Categorical and Limited Response Data: With Software Applications*. Chapman & Hall/CRC of Taylor & Francis Group (*Statistics in the Social and Behavioral Sciences Series*): New York. Under contract.
- Fullerton, S. Andrew and Jun Xu. 2016. *Ordered Regression Models: Parallel, Partial, and Non-Parallel Alternatives*. Chapman & Hall/CRC of Taylor & Francis Group (*Statistics in the Social and Behavioral Sciences Series*): New York.

PEER-REVIEWED JOURNAL PUBLICATIONS

- Gong, Fang and Jun Xu. *Forthcoming*. "Ethnic Disparities in Mental Health among Asian Americans: Evidence from a National Sample." *Journal of Health Disparities Research and Practice*.
- Zhao, Wei and Jun Xu. *Forthcoming*. "Visible and Invisible Hands Intertwined: State-Market Symbiotic Interactions and Changing Income Inequality in Urban China." *Social Science Research*.
- Xu, Jun, Wei Zhao, and Fang Gong. *Forthcoming*. "Market Transition, Multidimensional Socioeconomic Status, and Health Disparities in Urban China." *Sociological Perspectives*.
- Gong, Fang and Jun Xu. 2020. "Linear Trend of Graded Association: An International Study of Objective and Subjective Socioeconomic Inequalities in Self-Rated Health." *Sociological Spectrum*, 40(3):191-207.
- Wenjie Sun, Fang Gong, and Jun Xu. 2019. "Individual and Contextual Correlates of

- Cardiovascular Diseases in the United States in 2010: A Geospatial and Multilevel Analysis." *GeoJournal*
- Xu, Jun, Shawn Bauldry, and Andrew S. Fullerton. *Forthcoming*. "Bayesian Approaches to Assessing the Parallel Lines Assumption in Cumulative Ordered Logit Models." *Sociological Methods & Research*
- Bauldry, Shawn, Jun Xu, and Andrew S. Fullerton. 2018. "gencrm: A New Command for Generalized Continuation Ratio Model." *The Stata Journal*, 18(4):1-13
- Fullerton, Andrew S. and Jun Xu. 2018. "Constrained and Unconstrained Partial Adjacent Category Logit Models for Ordinal Response Variables." *Sociological Methods & Research*, 47(2):169-206
- Gong, Fang, Jun Xu, and David Takeuchi. 2017. "Racial and Ethnic Differences in Perceptions of Everyday Discrimination." *Sociology of Race and Ethnicity*, 3(4):6-21
- Xu, Jun. 2016. "Patriarchy, Gendered Spheres, or Evolutionary Adaption? A Cross-National Examination of Adolescent Boys and Girls Access to Home Resources." *Chinese Sociological Review*, 48(3):209-247.
- Xu, Jun and Andrew S. Fullerton. 2013-2014. "Comparing, Confounding, or Clarifying? Alternative Measures of Group Comparisons in Binary Regression Models." *Chinese Sociological Review* 46:91-119.
- Xu, Jun and Jennifer Lee. 2013. "Marginalized 'Model' Minority? An Empirical Examination of the Racial Triangulation of Asian Americans." *Social Forces* 91(4):1363-1397. (This paper is also the recipient of the Research Paper Award by the Asia and Asian America Section of the American Sociology Association in 2015 and the Most Creative Methodology Award at the 2009 Diversity Research Symposium hosted at Ball State University.)
- Gong, Fang, Jun Xu and David Takeuchi. 2012. "Beyond Conventional Socioeconomic Status: Examining Subjective and Objective Social Status with Self-Reported Health among Asian Immigrants." *Journal of Behavioral Medicine* 35(4):407-19.
- Xu, Jun and Gillian Thompson-Hampden. 2012. "Cultural Reproduction, Cultural Mobility, Cultural Resource or Trivial Effect? A Comparative Approach to Cultural Capital and Educational Performance." *Comparative Education Review*, 56(1):98-124
- Fullerton, Andrew and Jun Xu. 2012. "The Proportional Odds with Partial Proportionality Constraints Model for Ordinal Response Variables." *Social Science Research*, 41(1):182-198
- Gong, Fang, Jun Xu, Kaori Fujihiro and David Takeuchi. 2011. "A Life Course

Perspective on Migration and Mental Health among Asian Immigrants: The Role of Human Agency." *Social Science & Medicine*, 73(11):1618-26

Fujihiro, Kaori, Jun Xu and Fang Gong. 2010. "What Exactly Does Occupation Represent As An Indicator of Socioeconomic Status? Exploring the Association Between Occupational Prestige and Health." *Social Science & Medicine*, 71(12):2100-7

Xu, Jun. 2008. "Sibship Size and Educational Achievement: The Role of Welfare Regimes Cross-nationally." *Comparative Education Review*, 52(3):413-436

Josh Klugman and Jun Xu. 2008. "Decline and Racial Divide in Public Confidence in Educational Institution: 1974-2002." *Social Science Quarterly*, 89(1): 155-176.

Xu, Jun and J. Scott Long. 2005. "Confidence Intervals for Predicted Outcomes in Regression Models for Categorical Outcomes." *The Stata Journal*, 5(4): 537-559.

Xu, Jun. 2005. "Why Do Minorities Participate Less? The Effects of Immigration, Education, and Electoral Process on Asian American Voter Registration and Turnout." *Social Science Research*, 34(4): 682-702.

Translated into Chinese (by Wei Ruo) and published in *World Ethnic-National Studies* 2012(4):44-56 (with permission from Elsevier)

Xu, Jun. 2002. "The Political Behavior of Asian Americans: A Theoretical Approach." *Journal of Political and Military Sociology*, 30: 71-89.

OTHER PUBLICATIONS

Gong, Fang and Jun Xu. 2015. "Discrimination and Mental Illness." in *The Wiley-Blackwell Encyclopedia of Health, Illness, Behavior, and Society*, edited by W. C. Cockerham, R. Dingwall, and S. R. Quah: Wiley-Blackwell.

RESEARCH GRANTS/FELLOWSHIPS

2018 "Health Disparity in Transitional Urban China: Reconceptualization and Reassessment." Grant proposal under review at National Science Foundation.

2010 "Application for Supplementary Funding to Purchase the GSS Geocode Files. ASPIRE Ad Hoc Grant awarded by Ball State University (status: funded from February – July 2010; amount: \$ 250)

2009 "Centralization, Resources, and Stratification: A New Quantitative Taxonomy of National Educational Systems." Submitted to the Spencer foundation (not funded)

- 2009 “Application for Supplementary Funding to Purchase STATA/MP 11 (2-core)” ASPIRE Ad Hoc Grant awarded by Ball State University (status: funded from February – July 2010; amount: \$ 250)
- 2008 “An Empirical Examination of Racial Triangulation of Asian Americans in American Politics.” Fisher Research Fellowship awarded by the Millers College of Business, Ball State University (status: funded for 2008; amount: \$3,250)
- 2008 “Cultural Reproduction VS Cultural Mobility? A Cross-National Examination of the Effects of Cultural Capital on Educational Achievement.” New Faculty Research Grant awarded by Ball State University (status: funded for 2008-2009; amount: \$5,193.55)

PRESENTATIONS

Gong, Fang, Jun Xu, and Mengxi Zhang. 2021. “‘Yellow Peril’ or ‘Model Minority’? Past Adversities, Present Challenges, and Future Possibilities of the AAPI Community.” Ball State University Asian American and Pacific Islander (AAPI) Affinity Group Inaugural Meeting, Ball State University.

Gong, Fang, Jun Xu, and Wei Zhao. 2019. “Social Conditions, Physical Activity, and BMI in Transitional China.” Presented at the 2019 International Chinese Sociological Association Annual Conference, New York.

Xu, Jun, Wei Zhao, and Fang Gong “The Transfer of Human and Political Capital to Health Capital in Transitional Urban China.” Presented at the 2019 American Sociological Association Annual Conference, New York.

Xu, Jun, Fang Gong, and Wei Zhao. 2018. “Inequalities, Institutional Transformations, and Infirmities in Urban China.” Presented at the 2018 International Chinese Sociological Association in Princeton, NJ.

Xu, Jun and Andrew S. Fullerton. 2017. “Bayesian Approaches to Assessing the Parallel Lines Assumption in Cumulative Ordered Logit Models.” Presented at the 2017 American Sociological Association Methodology Section Mid-Year Conference in Chicago.

Xu, Jun and Andrew S. Fullerton. 2016. “A Bayesian Approach to Estimating the Parallel Cumulative Logit Model and Testing Parallel Line Assumption.” Presented at the 2016 Midwest Sociological Society and North Central Sociological Association Joint Meeting in Chicago.

Sun, Wenjie, Jun Xu and Fang Gong. 2015. “Racial Differences in Individual and Contextual Predictors of Physical and Mental Health.” Presented at the 2015 American Public Health Association in Chicago.

- Fang Gong and Jun Xu. 2015. "Psychosocial Factors and Mental Health among Asian Americans." Presented at the 2015 American Public Health Association in Chicago.
- Fullerton, S. Andrew and Jun Xu. 2015. "Constrained and Unconstrained Partial Adjacent Category Logit Models for Ordinal Response Variable." Presented at the 2015 American Sociological Association Methodology Section Mid-Year Meeting in Chicago IL.
- Gong, Fang, Jun Xu, and David Takeuchi. 2013. "Racial and Ethnic Differences in Perceptions of Everyday Discrimination." Presented at the 2013 Annual Meeting of American Sociological Association in New York.
- Fullerton, Andrew and Jun Xu. 2013. "Reexamining Tests of the Parallel Regression Assumption in Ordered Regression Models." Presented at the 2013 Midwest Sociological Society Annual Meeting in Chicago
- Fullerton, Andrew and Jun Xu 2012. "Comparing, Clarifying or Confounding? Alternative Measures of Statistical Group Comparisons in Binary Regression Models." Presented at the 2012 Midwest Sociology Society Annual Meeting in Minneapolis.
- Xu, Jun and Fang Gong. 2011. "Social and Cultural Correlates with Perceptions of Discrimination among Chinese American." Presented at the 2011 North American Chinese Sociologist Association Annual Meeting in Las Vegas.
- Xu, Jun and Fang Gong. 2011. "Revisiting the Relationship between Socioeconomic Status and Self-Reported Health in International Context." Presented at the 2011 American Sociological Association Annual Meeting in Las Vegas .
- Xu, Jun and Fang Gong. 2010. "What Exactly Does Occupation Representative as an Indicator of Socioeconomic Status? Exploring Occupational Prestige and Health." Presented at the 2011 American Sociological Association Annual Meeting in Las Vegas .
- Fullerton, Andrew and Jun Xu. 2010. "The Proportional Odds with Partial Proportionality Constraints Model for Ordinal Response Variables." Presented at the 2010 Midwest Sociological Society Annual Meeting in Chicago.
- Xu, Jun and Jennifer Lee. 2009. "Virtues of Vagabonds: An Empirical Examination of Racial Triangulation of Asian Americans." Presented at the Diversity Research Symposium, Ball State University.
- Xu, Jun. 2008. "An Exploratory Empirical Investigation of the Racial Triangulation of Asian Americans" Presented at the joint annual meeting of North Central Sociological Association and the Midwest Sociological Society annual meeting held in Cincinnati.

Xu, Jun. 2007. "Patriarchy, World Culture, Welfare States, or Evolutionary Adaptation? Examining Gender Differences in Parental Investment Cross-Nationally." Presented at the American Educational Research Association Annual Meeting, Chicago.

Klugman, Josh and Jun Xu. 2006. "Decline and Racial Divide in Public Confidence in Educational Institution: 1974-2002." Presented at the American Educational Research Association Annual Meeting, San Francisco.

Xu, Jun. 2005. "Why Do Minorities Participate Less? The Effects of Immigration, Education, and Electoral Process on Asian American Voter Registration and Turnout." Presented at the Midwest Sociological Society Annual Meeting, Minneapolis.

Xu, Jun. 2004. "The Effects of Immigration and Education on Minority's Voter Registration and Turnout, 1994-2000." Presented at the North Central Sociological Association Annual Meeting, Cleveland.

Xu, Jun. 2003. "The Effects of Nation States on the Association between Family Structure and Educational Performance in 20 Industrialized Nations." Presented at the American Sociological Association Annual Meeting, Atlanta.

Xu, Jun. 2003. "Familialism, Academic Performance, and Welfare State Regime: An Examination of Math and Reading Scores of 15-Year Olds in 29 Countries." Presented at the American Educational Research Association Annual Meeting, Chicago.

Xu, Jun. 2002. "Why Do Asian Americans Vote Less? Race and Education in the 2000 Presidential Election." Presented at the ASA Annual Meeting, Chicago.

Gong, Fang and Jun Xu. 2002. "Acculturation, Discrimination, Hassles, and Depression of Chinese Immigrants in the U. S.: A Structural Equation Model." Presented at the 2002 ASA Annual Meeting, Chicago.

STATISTICAL SOFTWARE

`prvalue.ado`: A Stata user-written ado program as part of the `SPost` package that can be used to produce predictions, differences in predictions and their confidence intervals for a wide array of categorical and limited dependent variable models (with J. Scott Long). It combines several low-level utility ado files, including `_pecidelta.ado` (for the delta method), `_peciboot.ado` (for the bootstrapping method), and `_peciml.ado` (for the end-point transformation method), and `_pepred.ado` (for producing predictions and their precision estimates).

`prgen.ado`: A Stata user-written ado program (a wrapper of `prvalue.ado`) used to graph predictions, differences in predictions, and their confidence intervals for categorical and limited dependent variable models (with J. Scott Long).

`grcompare`: A Stata package (with 7 ado files) for statistical group comparisons in binary regression models. It can provide a difference between two local predicted probabilities,

difference between two group-averaged predicted probabilities, differences in predicted probabilities over a range, difference in difference in predicted probabilities, difference in local marginal effects, and differences in group-averaged marginal effects.

stdcoef.r: An R function that provides x-standardized, y-standardized, fully-standardized regressions coefficients, and odds ratio coefficients if applicable for commonly used categorical and limited dependent variable models

SERVICES

Department

Promotion and Tenure Committee Chair: 2020-2021
 Graduate Director: 2014-2018
 Assessment Coordinator: 2009 (Spring)-2013
 Undergraduate Committee (Member): 2010-2013
 Graduate Committee (Member): 2006-2009, 2009 (Spring), 2014-present
 Graduate Committee (Assistant Director): 2007-2008 (Fall)
 Salary Committee (Member): 2006-2008
 Social Activity Committee (Member): 2006-2009
 AKD Honors Program (Co-advisor): 2007-2009
 Core Curriculum Committee (Member): 2006-2008
 AKD Honors Program (Assistant Advisor): 2006-2007

College and University

2021 Founder of the Asian and Asian Pacific Islander Affinity Group, Ball State University
 2012-present Organizer of the Applied Statistics and R user group (founder and coordinator)
 2020-2021 Chair of the Social Science Domain for 4th Year Review, College of Sciences and Humanities, Ball State University
 2015-2017 Graduate Education Committee, Ball State University
 2010 Freshmen Retention Group
 2009 Selection Committee for the Fishers Research Fellowship, Miller College of Business and College of Humanities and Sciences
 2006 Participant in the college counsel workshop for the inaugural Alice Proctor Killey Lecture of the College of Sciences and Humanities

National and Professional

2020-2023 Newsletter editor, International Chinese Sociological Association
 2020 Session organizer for the regular paper session of Asians and Asian Americans, the Asia and Asian America Section, American Sociological Association 2020 Virtual Conference.
 2017-2018 Board member, International Chinese Sociological Association

2014-17 Council member, Asia and Asian America Section, American Sociological Association

Thesis/Dissertation Committees

2015-2017 Gulzar Mahmood Jalal (member, master in sociology completed)
2014-2016 Jordan Meyer (chair, master in sociology completed)
2012-2014 Elaina Wolf-Johnson (member, master in sociology completed)
2011-2015 Benjamin Hotmire (member, doctoral in education completed)
2011-2013 Yingsheng Chen (chair, master in sociology uncompleted)
2011-2012 Joe Grover (member, master in sociology completed)
2011-2012 Heather Harduck (member, master in sociology in progress)
2010-2011 Owen McConnell (member, master in sociology completed)
2007-2008 Dan Flower (member, master in sociology completed)

PROFESSIONAL MEMBERSHIP

American Sociological Association
American Statistical Association
International Chinese Sociological Association

REFERENCES

(Available upon request)