

Qiang Fu 傅強

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Room 2123, AnSo BLDG
The University of British Columbia
6303 North West Marine Drive
Vancouver, BC, Canada V6T 1Z1

Employment

2020–now Associate Professor, Dept. of Sociology (with tenure), University of British Columbia

2015–2020 Assistant Professor, Dept. of Sociology, University of British Columbia

Research Interests

Social Capital, Urban Studies, Health, Demography, Chinese Societies, Machine Learning, Statistics

Education

2015 Doctorate, Sociology, Duke University, Durham, NC, USA
(Dissertation Supervisor: Kenneth C Land, Nan Lin, Linda K George)

2010 Masters, Sociology, Duke University, Durham, NC, USA
Preliminary exams in medical sociology (high pass) and demography

2008 Masters, Demography, Peking University, Beijing, China

2005 Bachelors, Computer Science, Jinan University, Guangzhou, China (with honours)

Peer-reviewed Publications

1) Journal Articles

Note:

* Corresponding author
(#) Students supervised at UBC

2022

Guo, Xin and **Qiang Fu***. Forthcoming. “The Design and Optimality of Survey Counts: A Unified Framework via Generalized Linear Models.” *Sociological Methods & Research*
(Impact factor in 2020: 6.933 | Q1 in Sociology)

Fu, Qiang*. In press. “Too Big to Succeed: Mega Neighborhoods, Depression, and Actually Existing Urban Governance.” *Cities*. DOI: [10.1016/j.cities.2022.103711](https://doi.org/10.1016/j.cities.2022.103711)
(Impact factor in 2020: 5.835 | Q1 in Urban Studies)

Fu, Qiang*, Yufan Zhuang, Yushu Zhu, and Xin Guo. In press. “Sleeping Lion or Sick Man? Machine Learning Approaches to Deciphering Heterogeneous Images of Chinese in North America.” *Annals of the American Association of Geographers*. DOI: [10.1080/24694452.2022.2042180](https://doi.org/10.1080/24694452.2022.2042180)
(Impact factor in 2020: 4.683 | Q1 in Geography)

Zhu, Yushu*, Yue Yuan (#), Jiabin Gu (#), and **Qiang Fu**. In press. “Neoliberalization and Inequality: Disparities in Access to Affordable Housing in Urban Canada 1981–2016.” *Housing Studies*. DOI: [10.1080/02673037.2021.2004093](https://doi.org/10.1080/02673037.2021.2004093)
(Impact factor in 2020: 3.516 | Ranking: Q2 in Urban Studies)

Yuan, Yue (#), Jiabin Gu (#), Xin Guo, Yushu Zhu, and **Qiang Fu***. 2022. “Detecting Temporal Anomalies with Pseudo Age Groups: Homeownership in Canada, 1981 to 2016.” *Population, Space and Place* 28(1): 1-18. DOI: [10.1002/psp.2532](https://doi.org/10.1002/psp.2532)
(Impact factor in 2020: 3.814 | Q1 in Demography)

Fu, Qiang*, Jiabin Gu (#), Ziqing Zeng (#), and David Tindall*. 2022. “A Manifesto for Computational Sociology: The Canadian Perspective.” *The Canadian Review of Sociology / Revue canadienne de sociologie* 59(2): 200-206. DOI: [10.1111/cars.12379](https://doi.org/10.1111/cars.12379)
(Impact factor in 2020: 1.559 | Q3 in Sociology)

2021

Fu, Qiang, Tian-yi Zhou, Xin Guo*. 2021. “Modified Poisson Regression Analysis of Grouped and Right-censored Counts.” *Journal of the Royal Statistical Society: Series A* 184(4): 1347-1367. DOI: [10.1111/rssa.12678](https://doi.org/10.1111/rssa.12678)
(Impact factor in 2020: 2.483 | Q1 in Statistics & Probability)

Gu, Jiabin (#), Xin Guo, Gerry Veenstra, Yushu Zhu, and **Qiang Fu***. 2021. “Adolescent Marijuana Use in the United States and Structural Breaks: An Age-Period-Cohort Analysis, 1991 to 2018.” *American Journal of Epidemiology* 190(6): 1056-1063. DOI: [10.1093/aje/kwaa269](https://doi.org/10.1093/aje/kwaa269)
(Impact factor in 2020: 4.897 | Q1 in Public, Environmental & Occupational Health)

Fu, Qiang*, Yufan Zhuang, Jiabin Gu (#), Yushu Zhu, and Xin Guo. 2021. “Agreeing to Disagree: Choosing among Eight Topic-Modeling Methods.” *Big Data Research* 23(100173): 1-9. DOI: [10.1016/j.bdr.2020.100173](https://doi.org/10.1016/j.bdr.2020.100173)
(Impact factor in 2020: 3.578 | Q1 in Computer Science, Theory & Methods)

Fu, Qiang*, Xin Guo, Sun Young Jeon, Eric Reither, Emma Zang, and Kenneth C. Land. 2021. “The Uses and Abuses of an Age-Period-Cohort Method: On the Linear Algebra and Statistical Properties of Intrinsic and Related Estimators.” *Mathematical Foundation of Computing*. DOI: [10.3934/mfc.2021001](https://doi.org/10.3934/mfc.2021001)

2020

Fu, Qiang*, Xin Guo, and Kenneth C. Land. 2020. “Optimizing Count Responses in Surveys: A Machine-Learning Approach.” *Sociological Methods & Research* 49(3): 637-671. DOI: [10.1177/0049124117747302](https://doi.org/10.1177/0049124117747302)
(Impact factor in 2020: 6.933 | Q1 in Social Sciences, Mathematical Methods)

Guo, Xin, **Qiang Fu***, Yue Wang, and Kenneth C. Land. 2020. “A Numerical Method to Compute Fisher Information for a Special Case of Heterogeneous Negative Binomial

- Regression.” *Communications on Pure and Applied Analysis* 19(8): 4179-4189. [DOI: 10.3934/cpaa.2020187](https://doi.org/10.3934/cpaa.2020187)
(Impact factor in 2020: 1.916 | Q1 in Mathematics)
- Fu, Qiang***, Yanlong Zhang, Yushu Zhu, and Ting Li. 2020. “Network Centralities, Demographic Disparities, and Voluntary Participation.” *Mathematical Foundation of Computing* 3(4): 249-262. [DOI: 10.3934/mfc.2020011](https://doi.org/10.3934/mfc.2020011)
- Shi, Zhilei, Jiaxin Gu (#), and **Qiang Fu***. 2020. “Social Change and Health Inequalities: Evidence from the Fifth Phase of the Epidemiologic Transition in Urban China.” *Sociological Studies (Shehuixue Yanjiu)* 35(6): 160-185. [\(in Chinese\)](#)
- 2019**
- Fu, Qiang***, Yufan Zhuang, Jiaxin Gu (#), Yushu Zhu, Huihui Qin, and Xin Guo. 2019. “Search for K: Assessing Five Topic-Modeling Approaches to 120,000 Canadian Articles.” *Proceedings of the 2019 IEEE International Conference on Big Data*: 3640-3647. [DOI: 10.1109/BigData47090.2019.9006160](https://doi.org/10.1109/BigData47090.2019.9006160)
- Fu, Qiang***. 2019. “How Does the Neighborhood Inform Activism? Civic Engagement in Urban Transformation.” *Journal of Environmental Psychology* 63: 1-8. [DOI: 10.1016/j.jenvp.2019.03.002](https://doi.org/10.1016/j.jenvp.2019.03.002)
(Impact factor in 2020: 5.192 | Q1 in Psychology, Multidisciplinary)
- 2018**
- Fu, Qiang***. 2018. “Communal Space and Depression: A Structural-Equation Analysis of Relational and Psycho-Spatial Pathways.” *Health & Place* 53: 1-9. [DOI: 10.1016/j.healthplace.2018.06.007](https://doi.org/10.1016/j.healthplace.2018.06.007)
(Impact factor in 2020: 4.078 | Q1 in Public, Environmental & Occupational Health)
- Fu, Qiang***. 2018. “Bringing Urban Governance Back In: Neighborhood Conflicts and Depression.” *Social Science & Medicine* 196: 1-9. [DOI: 10.1016/j.socscimed.2017.10.035](https://doi.org/10.1016/j.socscimed.2017.10.035)
(Impact factor in 2020: 4.634 | Q1 in Public, Environmental & Occupational Health)
- Ye, Changdong, Yushu Zhu*, Jiangxue Yang, and **Qiang Fu**. 2018. “Spatial Equity in Accessing Secondary Education: Evidence from a Gravity-based Model.” *The Canadian Geographer* 62(4): 452-469. [DOI: 10.1111/cag.12482](https://doi.org/10.1111/cag.12482)
(Impact factor in 2020: 1.500 | Q4 in Geography)
- Fu, Qiang***, Cary Wu (#), Heqing Liu (#), Zhilei Shi and Jiaxin Gu (#), 2018. “Live Like Mosquitoes: *Hukou*, Rural-urban Disparity, and Depression.” *Chinese Journal of Sociology* 4(1): 56-78. [DOI: 10.1177/2057150X17748313](https://doi.org/10.1177/2057150X17748313)
- Wu, Cary (#), **Qiang Fu***, Jiaxin Gu (#), and Zhilei Shi. 2018. “Does Migration Pay Off? Returnees, Family Background, and Self-Employment in Rural China.” *The China Review – An Interdisciplinary Journal on Greater China* 18(1): 59-77. <https://www.jstor.org/stable/26435634>
(Impact factor in 2020: 1.480 | Q2 in Area Studies)
- Fu, Qiang***, Xin Guo, and Kenneth C. Land. 2018. “A Poisson-Multinomial Mixture Approach to Grouped and Right-Censored Counts.” *Communications in Statistics – Theory and Methods* 47(2): 427-447. [DOI: 10.1080/03610926.2017.1303736](https://doi.org/10.1080/03610926.2017.1303736)
(Impact factor in 2020: 0.893 | Q4 in Statistics and Probability)

2017

Liu, Yanwu* and **Qiang Fu**. 2017. “Changing Demographic Characteristics and Motives for Suicide in Rural China, 1980-2009.” *Chinese Sociological Dialogue* 2(3-4):136-148. [DOI: 10.1177/2397200917729529](https://doi.org/10.1177/2397200917729529)

Zhu, Yushu* and **Qiang Fu**. 2017. “Deciphering the Civic Virtue of Communal Space: Neighborhood Attachment, Social Capital and Neighborhood Participation in Urban China.” *Environment and Behavior* 49(2): 161-191. [DOI: 10.1177/0013916515627308](https://doi.org/10.1177/0013916515627308)
(Impact factor in 2020: 6.222 | Q1 in Environmental Studies)

Fu, Qiang*, and Kenneth C. Land. 2017. “Does Urbanization Matter? A Temporal Analysis of the Socio-demographic Gradient in the Rising Adulthood Overweight Epidemic in China, 1989-2009.” *Population, Space and Place* 23(1): 1-17. [DOI: 10.1002/psp.1970](https://doi.org/10.1002/psp.1970)
(Impact factor in 2020: 3.814 | Q1 in Demography)

2016

Fu, Qiang*, Kenneth C. Land, and Vicki L. Lamb. 2016. “Violent Physical Bullying Victimization at School: Has There Been a Recent Increase in Exposure or Intensity? An Age-Period-Cohort Analysis in the United States, 1991 to 2012.” *Child Indicators Research* 9(2): 485-513. [DOI: 10.1007/s12187-015-9317-3](https://doi.org/10.1007/s12187-015-9317-3)
(Impact factor in 2020: 2.420 | Q2 in Social Sciences, Interdisciplinary)

Land, Kenneth C.*, **Qiang Fu**, Xin Guo, Sun Y. Jeon, Eric N. Reither, and Emma Zang. 2016. “Playing With the Rules and Making Misleading Statements: A Response to Luo, Hodges, Winship, and Powers.” *American Journal of Sociology* 122(3): 962-973. [DOI: 10.1086/689853](https://doi.org/10.1086/689853)
(Impact factor in 2020: 4.688 | Q1 in Sociology)

Fu, Qiang*. 2016. “The Persistence of Power despite the Changing Meaning of Homeownership: An Age-period-cohort Analysis of Urban Housing Tenure in China, 1989-2011.” *Urban Studies* 53(6): 1225-1243. [DOI: 10.1177/0042098015571240](https://doi.org/10.1177/0042098015571240)
(Impact factor in 2020: 4.663 | Q1 in Urban Studies)

2015

Fu, Qiang*. 2015. “Neighborhood Conflicts in Urban China: From Consciousness of Property Rights to Contentious Actions.” *Eurasian Geography and Economics* 56(3):285-307. [DOI: 10.1080/15387216.2015.1095107](https://doi.org/10.1080/15387216.2015.1095107)
(Impact factor in 2020: 2.267 | Q1 in Area Studies)

Fu, Qiang, Shenjing He, Yushu Zhu, Si-ming Li, Yanling He, Huoning Zhou, and Nan Lin*. 2015. “Towards a Relational Account of Neighborhood Governance: Neighborhood-based Network and Residential Outcomes in Urban China.” *American Behavioral Scientist* 59(8): 992-1006. [DOI: 10.1177/0002764215580610](https://doi.org/10.1177/0002764215580610)
(Impact factor in 2020: 2.558 | Q2 in Social Sciences, Interdisciplinary)

Fu, Qiang*. 2015. “When Fiscal Recentralization Meets Housing Reforms: Land Finance and Its Influence on China’s Urban Housing Market.” *Urban Studies* 52(10): 1791-1809. [DOI: 10.1177/0042098014552760](https://doi.org/10.1177/0042098014552760)
(Impact factor in 2020: 4.663 | Q1 in Urban Studies)

Fu, Qiang*, Yushu Zhu, and Qiang Ren. 2015. “The Downside of Market Transformation: Housing Tenure and Types in Reform-era Urban China.” *Social Science Research* 49: 126-140. [DOI: 10.1016/j.ssresearch.2014.07.001](https://doi.org/10.1016/j.ssresearch.2014.07.001)

(Impact factor in 2020: 2.322 | Q2 in Sociology)

Fu, Qiang*, and Kenneth C. Land. 2015. “The Increasing Prevalence of Overweight and Obesity of Children and Youth in China, 1989-2009: An Age-Period-Cohort Analysis.” *Population Research and Policy Review* 34 (6): 901-921. [DOI: 10.1007/s11113-015-9372-y](https://doi.org/10.1007/s11113-015-9372-y)

(Impact factor in 2020: 2.051 | Q3 in Demography)

Fu, Qiang*, and Linda K. George. 2015. “Socioeconomic Determinants of Childhood Overweight in China: The Long Arm of Institutional Power.” *Sociology of Health & Illness* 37(6): 805-822. [DOI: 10.1111/1467-9566.12234](https://doi.org/10.1111/1467-9566.12234)

(Impact factor in 2020: 3.041 | Q1 in Sociology)

Fu, Qiang*, and Linda K. George. 2015. “Sex, Socioeconomic and Regional Disparities in Age Trajectories of BMI across Childhood and Their Implications on Underweight and Overweight in China.” *Asian Population Studies* 11(2): 134-148. [DOI: 10.1080/17441730.2015.1038873](https://doi.org/10.1080/17441730.2015.1038873)

(Impact factor in 2020: 2.324 | Q3 in Demography)

Reither, Eric N.*, Kenneth C. Land, Sun Y. Jeon, Daniel A. Powers, Ryan K. Masters, Hui Zheng, Melissa A. Hardy, Katherine M. Keyes, **Qiang Fu**, Heidi A. Hanson, Ken R. Smith, Rebecca L. Utz, and Y. Claire Yang. 2015. “Clarifying hierarchical age–period–cohort models: A rejoinder to Bell and Jones.” *Social Science & Medicine* 128: 331-333. [DOI: 10.1016/j.socscimed.2015.07.013](https://doi.org/10.1016/j.socscimed.2015.07.013)

(Impact factor in 2020: 4.634 | Q1 in Public, Environmental & Occupational Health)

2014

Fu, Qiang*, and Nan Lin. 2014. “The Weaknesses of Civic Territorial Organizations: Civic Engagement and Homeowners Associations in Urban China.” *International Journal of Urban and Regional Research* 38(6): 2309-2327. [DOI: 10.1111/1468-2427.12080](https://doi.org/10.1111/1468-2427.12080) (Note: This paper was selected for IJURR’s virtual issue on [Chinese cities](#).)

(Impact factor in 2020: 4.364 | Q2 in Urban Studies)

Zhu, Yushu*, **Qiang Fu**, and Qiang Ren. 2014. “Cross-City Variations in Housing Outcomes in Post-Reform China: An Analysis of 2005 Micro Census Data.” *Chinese Sociological Review* 46(3): 26-54. [DOI: 10.2753/CSA2162-0555460302](https://doi.org/10.2753/CSA2162-0555460302)

(Impact factor in 2020: 2.079 | Q2 in Sociology)

2013

Fu, Qiang*, and Nan Lin. 2013. “Local State Marketism: An Institutional Analysis of China’s Urban Housing and Land Market.” *Chinese Sociological Review* 46(1): 3-24. [DOI: 10.2753/CSA2162-0555460101](https://doi.org/10.2753/CSA2162-0555460101)

(Impact factor in 2020: 2.079 | Q2 in Sociology)

O’Hare, William P.*, Mark Mather, Genevieve Dupuis, Kenneth C. Land, Vicki L. Lamb, and **Qiang Fu**. 2013. “Analyzing Differences in Child Well-Being among U.S. States.” *Child Indicators Research* 6(2):401-431. [DOI: 10.1007/s12187-012-9173-3](https://doi.org/10.1007/s12187-012-9173-3)

(Impact factor in 2020: 2.420 | Q2 in Social Sciences, Interdisciplinary)

2012

Fu, Qiang*, Kenneth C. Land, and Vicki L. Lamb. 2012. "Bullying Victimization, Socioeconomic Status and Behavioral Characteristics of 12th Graders in the United States, 1989 to 2009: Repetitive Trends and Persistent Risk Differentials." *Child Indicators Research* 6(1): 1-21. [DOI: 10.1007/s12187-012-9152-8](https://doi.org/10.1007/s12187-012-9152-8)

(Impact factor in 2020: 2.420 | Q2 in Social Sciences, Interdisciplinary)

2010

Fu, Qiang*, and Qiang Ren. 2010. "Educational Inequality under China's Rural–Urban Divide: The Hukou System and Return to Education." *Environment and Planning A* 42(3): 592-610. [DOI: 10.1068/a42101](https://doi.org/10.1068/a42101)

(Impact factor in 2020: 4.056 | Q2 in Geography)

2008

Ren, Qiang*, **Qiang Fu**, and Yushu Zhu. 2008. "Returns to Education Based on the Household Registration System: An Examination of Wage Disparity." *Population and Development (Renkou yu Fazhan)* 14(3): 37-46. [\(in Chinese\)](#)

Fu, Qiang*, Xin Yu, Ye Tian, Lan Li, Xiaoxue Tang, and Guozhen Chang. 2008. "College English Test Scores and Majors: A Multilevel Analysis of Undergraduates from Seven Universities in Beijing." *Market and Demographical Analysis (Shichang yu Renkou Fenxi)* 13(06): 72-81. [\(in Chinese\)](#)

2007

Ren, Qiang*, and **Qiang Fu**. 2007. "Marginal Birth Decisions under Economic Development: A Test of Leibenstein's Theory." *Chinese Journal of Population Science (Zhongguo Renkou Kexue)* (1): 60-70. [\(in Chinese\)](#)

2004

Xue, Fei, **Qiang Fu**, Jian Xie, and Daiqiang Hu*. 2004. "A Profit-Oriented Microeconomic Integer Programming Model for Olympics' Mini Supermarket Allocation." *Chinese Journal of Engineering Mathematics (Gongcheng Shuxue Xuebao)* (21): 57-63. [\(in Chinese\)](#)

2) Book Chapters

Gu, Jiabin (#), Yue Yuan (#), Kenneth C. Land, **Qiang Fu**. Forthcoming. "Obesity with Chinese Characteristics? Prevalence and Determinants of Overweight and Obesity in China" in *International Handbook of the Demography of Obesity*, edited by G. Garcia-Alexander and D. L. Poston, Basel, Switzerland: Springer Nature.

Zhu, Yushu, Jiabin Gu (#), and **Qiang Fu**. In press. "All Boats Rise with a Rising Tide? Marketization, Rural Migrants, and Housing Inequality in Urban China" in *Social Inequalities in China*, edited by Y. Li and Y. Bian, London, UK: World Scientific Pub Europe.

Land, Kenneth C., Lamb, V. Lamb, and **Qiang Fu**. 2016. "Measuring Trends in Child Well-being and Child Suffering In the United States, 1975-2013" Pp. 23-41 in *A Life Devoted to Quality of Life: Festschrift in Honor of Alex C. Michalos*, edited by F. Maggino. New York, USA: Springer.

Land, Kenneth C., Vicki L Lamb, and **Qiang Fu**. 2015. "Child Well-Being and Child Suffering" Pp. 173-186 in *World Suffering and Quality of Life*, edited by R. E. Anderson. New York, USA: Springer.

- Fu, Qiang.** 2014. "The Contentious Democracy: Homeowners Associations in China through the Lens of Civil Society." Pp. 201-216 in *Housing Inequalities in Chinese Cities*, edited by Y. Huang and S.-m. Li. New York, USA: Routledge.
- Fu, Qiang,** Vicki L Lamb, and Kenneth C. Land. 2012. "Scalability of the CWI: Substate Regional Indicators and Composite Indices." Pp. 189-224 in *The Well-Being of America's Children: Developing and Improving the Child and Youth Well-Being Index*, edited by K. C. Land. New York, USA: Springer.
- Land, Kenneth C., Vicki L. Lamb, Sarah Meadows, Hui Zheng, and **Qiang Fu.** 2012. "The CWI and Its Components: Empirical Studies and Findings." Pp. 29-76 in *The Well-Being of America's Children: Developing and Improving the Child and Youth Well-Being Index*, edited by K. C. Land. New York, USA: Springer.
- Xie, Yu and **Qiang Fu.** 2010. "Chapter 12 Dummy Variables." In Chinese. Pp. 217-233 in *Regression Analysis*, edited by Y. Xie. Beijing, China: Social Sciences Academic Press. ([in Chinese](#))
- Xie, Yu and **Qiang Fu.** 2010. "Chapter 13 Interactions." In Chinese. Pp. 234-249 in *Regression Analysis*, edited by Y. Xie. Beijing, China: Social Sciences Academic Press. ([in Chinese](#))
- Xie, Yu and **Qiang Fu.** 2010. "Chapter 14 Heteroskedasticity and Generalized Least-squares Estimation." In Chinese. Pp. 250-263 in *Regression Analysis*, edited by Y. Xie. Beijing, China: Social Sciences Academic Press. ([in Chinese](#))
- Ren, Qiang, Zhihao Lv, and **Qiang Fu.** 2008. "China's Population, Family and Household." In Chinese. Pp. 216-264 in *2005 China Micro-census Research Paper Series*, edited by State Statistical Bureau. Beijing, China: China Statistics Press. ([in Chinese](#))

Software Package

Guo, Xin* and **Qiang Fu.** 2017. "GRCdata: Parameter Inference and Optimal Designs for Grouped and/or Right-Censored Count Data." *The Comprehensive R Archive Network (CRAN)*, version 1.0, <https://cran.r-project.org/web/packages/GRCdata/index.html>.

Editorships

Qiang Fu and David Tindall. "A Special Issue on Big Data and Computational Sociology." *The Canadian Review of Sociology* (Date: April 2019–May 2022).

Note: The Special Issue was published in May 2022.

Qiang Fu and Xin Guo. 2015, "Statistics" in *International Encyclopedia of the Social & Behavioral Sciences* (2nd edition), edited by J.D. Wright. Oxford, UK: Elsevier.

Other Affiliations

2021–now The Thematic Research Team (TRT) of big data and computational social science, Institute of Sociology, Academia Sinica

2018–2021 Research Fellow, Population and Health Research Center, Zhongnan University of Economics and Law, Wuhan, Hubei, China

Awards, Honours, Grants and Fellowships

Year	Name (amount)	Funding Agency
2021	American Region Scholar Grant (19,000 USD, PI)	Chiang Ching-Kuo Foundation for International Scholarly Exchange
2020	Insight Grant (94,990 CAD, PI)	The Social Sciences and Humanities Research Council of Canada
2019	China Program Fellowship (35,000 USD, PI)	Lincoln Institute of Land Policy
2019	The Grants for Catalyzing Research Clusters: Big Data and Computational Social Science Research Cluster (99,000 CAD, co-PI)	The University of British Columbia
2016	Junior Scholar Grant (19,000 USD, PI)	Chiang Ching-Kuo Foundation for International Scholarly Exchange
2016	Arts Summer 2016 Work Learn International Undergraduate Research Award (4,300 CAD)	The University of British Columbia
2015	Hampton New Faculty Award (10,000 CAD)	The University of British Columbia
2015	Government Award for Outstanding Students Abroad (5,000 USD)	China Scholarship Council
2013	PARISS Fellowship (21,580 USD)	Duke Univ., Social Science Research Institute
2013	Summer Research Grant (5,000 USD)	Duke Univ., Graduate School
2012	Predissertation Travel Grant (1,500 USD)	Duke Univ., Graduate School
2012	Summer Teaching Fellowship (2,000 USD)	Overseas Young Chinese Forum
2012	Conference Travel Awards (1,500 USD)	Duke Univ., Dept. of Sociology
2011	Summer Research Travel Award (2,500 USD)	Duke Univ., APSI
2011	Predissertation Travel Grant (2,000 USD)	Duke Univ., Graduate School
2011	Summer Research Grant (5,000 USD)	Duke Univ., Graduate School
2010	China Program Fellowship (27,000 USD)	Lincoln Institute of Land Policy
2009	Summer Research Grant (6,000 USD)	Lucile Packard Foundation

2009	Summer Research Grant (5,000 USD)	Duke Univ., Dept. Of Sociology
2009	Summer Research Travel Award (2,500 USD)	Duke Univ., APSI
2009	Conference Travel Awards (500 USD)	Duke Univ., Dept. of Sociology
2008	Graduate Fellowship	Duke Univ., Dept. of Sociology
2007	<i>Samchang</i> Scholarship	Peking University
2006	<i>Nannong</i> Rural Research Scholarship	Nanfang Media Group
2005	Second-class Award in 9 th Challenge Cup National Contest for Academic Works	Chinese Association of Science & Technology
2005	Outstanding Undergraduate Dissertation Award	Jinan University
2005	Honorable Mention in Mathematical Contest in Modeling	The Consortium for Mathematics and its Applications (USA)
2005	<i>Computer World</i> Fellowship	<i>Computer World</i> Magazine
2004	First-class Award in China Undergraduate Mathematical Contest in Modeling (CUMCM)	Chinese Association of Engineering Mathematics

Newspaper Articles and Research Report

Fu, Qiang, Jiaxin Gu, and Piao Han. 2021 “Neighborhood Restructuring, the Built Environment, and Quality of Life in Urban China: A Comparative Analysis”, in Lincoln Institute of Land Policy working paper series, Cambridge, MA, USA, WP20QF1, Pp. 1-39.

Land, Kenneth C., Vicki L. Lamb, and **Qiang Fu**. 2012. “Violent Bullying Victimization in Middle and High School Contexts in the United States: A Social Report.” *SINET: A Quarterly Review of Social Reports and Research on Social Indicators, Social Trends, and the Quality-of-Life* (110 & 111): pp. 1-11.

Lin, Nan and **Qiang Fu**. 2010. “Market Transformation and the Disadvantaged: Housing Stratification in Urban China.” *Lincoln Institute of Land Policy's Working Paper Series*, Cambridge, MA.

Fu, Qiang and Huoning Zhou. 2010. “Homeowners Association: Voluntary Organizations Based on Partitioned Ownership.” In Chinese. In *Chinese Social Sciences Today*, Beijing: Social Sciences in China Press.

Fu, Qiang, Vicki Lamb, and Kenneth C. Land. 2009. *California Child and Youth Well-Being Index, 1995-2007: Trends, Changes and Projections to 2012*. Palo Alto, CA: Lucile Packard Foundation for Children's Health.

Invited Presentations

- Qiang Fu.** 2022 "The Road to Serfdom or Freedom? Urban Governance, Civic Engagement, and Contentious Politics in Guangdong." The University of Hong Kong, **Hong Kong, China** (online).
- Qiang Fu.** 2021 "Regional Disparities and Integration of Housing Market in Canada: An Age-Period-Cohort Analysis." Huazhong Agricultural University, **Wuhan, China** (online).
- Qiang Fu.** 2019 "What They Talk About When They Talk About Chinese? A Text Analysis of 280,000+ Newspaper Articles in Canada and the United States." Institute of Sociology, Academia Sinica, **Taipei, Taiwan.**
- Qiang Fu.** 2019 "Beyond Human Ecology: Understanding the Mental Costs of Large Urban Neighborhoods in China." Department of Sociology, The Chinese University of Hong Kong, **Hong Kong.**
- Qiang Fu.** 2019 "Assessing and Updating Intrinsic Estimators in Age-Period-Cohort Analysis." Third International Conference on Mathematics of Data Science, **Hong Kong.**
- Qiang Fu.** 2018 "Tradition and Transformation of Data Science in Sociology: Modeling Mental Health in China's Urban Neighborhoods." School of Data Science, City University of Hong Kong, **Hong Kong.**
- Qiang Fu.** 2018 "From Place Attachment to Social Networks to Guanxi: Towards a Relational Synthesis of Mental Well-being in Urban China." Department of Urban Planning and Design, Hong Kong University, **Hong Kong.**
- Qiang Fu.** 2018 "How Does Built Environment in Urban China Influence Mental Health: Old Wine in New Bottles or Innovative Ideas?" Wuhan University, **Wuhan, China.**
- Qiang Fu.** 2018 "The Intrinsic Estimator Method in Age-Period-Cohort Analysis: Research, Criticism, and Assessment." Wuhan University, **Wuhan, China.**
- Qiang Fu.** 2018 "School Bullying in America's Middle Schools, 1989-2012: New Findings to an Old Question." Huazhong University of Science and Technology, **Wuhan, China.**
- Qiang Fu.** 2018 "The Game of China's Great Urban Transformation." Zhongnan University of Economics and Law, **Wuhan, China.**
- Qiang Fu.** 2018 "How Does Built Environment Influence Mental Health: Evidence Based on Urban Neighborhoods in China." Wuhan University of Science and Technology, **Wuhan, China.**
- Qiang Fu.** 2017 "The Myth of Housing Price and the Dilemma of Homeowners in Urban China: A Sociological Interpretation." Fraser Forum, Richmond, BC.
- Qiang Fu.** 2017 "Bringing Urban Governance Back In: Neighborhood Conflicts and Depression." International Workshop on Social-spatial Differentiation, Neighborhood Effects, and Residential Segregation in Cities: Towards a Comparative Analysis, **Shanghai, China.**
- Qiang Fu.** 2016 "Optimal Designs for Survey Questions in Network Research: Experimental Designs Based on Poisson Mixture Models." International Conference on Social Network Analysis: New Methods and New Studies, **Shanghai, China.**

- Qiang Fu.** 2015 "Modeling Temporal Patterns of School Bullying Victimization in the United States: Findings, Methods and Design." Population Research Group at University of Victoria, Victoria, BC.
- Qiang Fu.** 2015 "Deciphering the Civic Virtue of Communal Space." Urbanization and Land Development in China's Interior and Frontier Regions, **Hong Kong.**
- Qiang Fu.** 2015 "Network + Capital + Neighborhood: The Era of Homeowners?" Southern Metropolis Daily, **Guangzhou, China.**
- Qiang Fu.** 2015 "Age-Period-Cohort Analyses: Models and Applications." Peking University, **Beijing, China.**
- Qiang Fu.** 2013 "Perceived Neighborhood Conflicts and Residents' Contentious Actions: Evidence from a Community-Based Survey in Guangzhou, China." International Conference on Mobility and Communities: Socio-Spatial Transformation in Chinese Cities, **Hong Kong.**
- Qiang Fu.** 2012 "The Contentious Democracy: Homeowners Associations in China through the Lens of Civil Society." International Conference on Spatial and Social Transformation in Urban China, **Hong Kong.**
- Qiang Fu** and Nan Lin. 2011 "Homeowners' Associations in Urban China: A Move toward Civil Society?" 13th Overseas Young Chinese Forum Annual Conference, **Canton, USA.**
- Qiang Fu** and Nan Lin. 2011 "Local State Marketism in Reform-era China: An Institutional Analysis of the Urban Housing Market." The Symposium on China's Urban Development and Land Policy, **Beijing, China.**

Conference Presentation

- Qiang Fu.** 2019 "On the Linear Algebra and Statistical Properties of Intrinsic and Related Estimators." The 2019 Annual Conference of American Sociological Association, **New York, USA.**
- Qiang Fu.** 2019 "The Uses and Abuses of an Age-Period-Cohort Method: On the Linear Algebra and Statistical Properties of Intrinsic and Related Estimators." The 2019 Annual Conference of Canadian Population Society, Vancouver, Canada.
- Qiang Fu.** 2019 "From Place-making to Relation-making: Assessing Four Relational Perspectives on Mental Health." The 2019 Annual Conference of Canadian Sociological Association, Vancouver, Canada.
- Qiang Fu.** 2019 "What We Talk About When We Talk About Chinese? A Topic Analysis of 250,000+ Newspaper Articles in North America." The 2019 Annual Conference of Canadian Sociological Association, Vancouver, Canada.
- Qiang Fu.** 2018 "My Residence, Their Neighborhood: Understanding the Rise of Neighborhood Activism in Urban China." The 2018 Asia Conference of International Chinese Sociological Association, **Hong Kong.**

- Qiang Fu.** 2016 "Neighborhood Conflicts in Urban China: From Consciousness of Property Rights to Contentious Actions." The 2016 Annual Meeting of the American Sociological Association, **Seattle, USA.**
- Qiang Fu, Yushu Zhu and Qiang Ren.** 2014 "The Downside of Marketization: A Multilevel Analysis of Housing Tenure and Types in Reform-era Urban China." The 2014 Annual Meeting of the American Sociological Association, **San Francisco, USA.**
- Qiang Fu and Kenneth C Land.** 2013 "School Bullying Victimization: Has There Been a Recent Increase in Exposure or Intensity? An Age-Period-Cohort Analysis in the United States, 1991-2010." The 2013 Annual Meeting of the American Society of Criminology, **Atlanta, USA.**
- Qiang Fu and Kenneth C Land.** 2013 "The Intermingling of Age, Period, and Cohort Effects in the Increasing Childhood Overweight in China, 1989-2009." The 2013 Annual Meeting of the American Sociological Association, **New York, USA.**
- Qiang Fu and Kenneth C Land.** 2013 "A Two-step Approach to the Study of Changes Over Time in Right-censored and Grouped Count Data." The 2013 Statistical Joint Meetings, Montreal, Canada.
- Qiang Fu and Kenneth C Land.** 2013 "The Rising Adulthood Overweight Epidemic in China: An Age-period-cohort Analysis, 1989-2009." The 2013 Annual Meeting of the Population Association of America, **New Orleans, USA.**
- Qiang Fu, Shenjing He, Si-ming Li, Yanling He, Yushu Zhu, Huoning Zhou and Nan Lin.** 2013 "The Role of Social Capital in Neighborhood Governance: Preliminary Results from a Survey of Homeowners and Homeowners Associations in Guangzhou, China." The 2013 INSNA (International Network for Social Network Analysis) Conference, **Xi'an, China.**
- Qiang Fu.** 2013 "When Fiscal Recentralization Meets Housing Reforms: Land Finance and its Influence on China's Urban Housing Market." The 2013 Annual Meeting of the North American Chinese Sociologist Association, **New York, USA.**
- Qiang Fu, Yushu Zhu and Qiang Ren.** 2012 "The Downside of Market Transformation: Local Characteristics, Institutional Arrangements, and Housing Tenure in Reform-era Urban China." The 2012 Spring Meeting of ISA RC28: Economic Transformation and Social Stratification in Comparative Perspectives, **Hong Kong.**
- Qiang Fu and Linda K George.** 2011 "Socio-economic Determinants of Childhood Overweight and Obesity in China: The Long Arm of Market Transformation." The 2011 Annual Meeting of the Population Association of America, **Washington DC, USA.**
- Qiang Fu and Nan Lin.** 2011 "Local State Marketism during the Reform Era: An Institutional Interpretation on China's Urban Housing Market." The 8th Workshop of the Chinese Association of Organizational Sociology, **Changchun, China.**
- Qiang Fu and Nan Lin.** 2010 "Homeowners Committees in Urban China: An Emerging Civil Society from China's Economic Transformation." The 7th Workshop of the Chinese Association of Organizational Sociology, **Shanghai, China.**

Organized Presentation and Webinar

- Co-organizer.** 2022 "The Future of Sociological Research in Canada within a Diverse, Rapidly Changing, and Transformative Society." The 2022 Annual Conference of Canadian Sociological Association, Canada (online).
- Organizer and moderator.** 2022. Yuliya Bidenko, Tamara Martsenyuk, Victor Satzewich, Jeffrey Stepnisky. 2022 "The Invasion of Ukraine: A Sociological Conversation about the Realities on the Ground, the Politics, and the Resistance." Canadian Sociological Association, Canada (online).
- Moderator.** Karen Foster and Alyssa Gerhardt. 2021 "Career Pathways of Sociology Graduate Students." Canadian Sociological Association, Canada (online).
- Co-organizer.** Michael Macy. 2019 "Partisan Polarization in Parallel Worlds." Big Data and Computational Social Science Lecture, UBC, Vancouver, Canada.
- Co-organizer.** Yuting Wei. 2019 "Towards a Better Understanding of the Regularization in Kernel Learning." Big Data and Computational Social Science Lecture, UBC, Vancouver, Canada.
- Co-organizer.** James Kitts. 2019 "A Tale of Two Revolutions: Rethinking Social Networks in the Era of Big Brother." Big Data and Computational Social Science Lecture, UBC, Vancouver, Canada.
- Co-organizer.** John McLevey and Evan Yufan Zhuang. 2019 "An Introduction to Big Data and Automated Text Analysis." Big Data and Computational Social Science Workshop, UBC, Vancouver, Canada.
- Co-organizer.** 2019. A Mini-Symposium on Computational Social Science in Canada, UBC, Vancouver, Canada.
- Co-organizer.** Mark Graham. 2019 "Cartographic Attributes of the Invisible: The Conjunctural Geographies of the Platform Economy." Big Data and Computational Social Science Lecture (with UBC Geography), UBC, Vancouver, Canada.
- Co-organizer.** Xikui Wang. 2019 "The Art of Optimal Exploration versus Exploitation." Big Data and Computational Social Science Lecture (with UBC Statistics), UBC, Vancouver, Canada.
- Co-organizer.** Bryon Aragam. 2019 "Identifiability of Nonparametric Mixture Models, Clustering, and Semi-supervised Learning." Big Data and Computational Social Science Lecture (with UBC Statistics), UBC, Vancouver, Canada.
- Co-organizer.** Yang-Chih Fu. 2019 "Social Media Records and Contact Diaries: Two Bottom-up Approaches to Capture Personal Networks." Big Data and Computational Social Science Lecture, UBC, Vancouver, Canada.
- Co-organizer.** Hsuan-wei Lee. 2019 "Using Perceptual Tomography for Balance Clustering in Network Construction and Assess the Success of Community-level Interventions." Big Data and Computational Social Science Lecture, UBC, Vancouver, Canada.
- Co-organizer.** Sheldon Armstrong, Ekatarina Grguric, and Michael Serebriakov. 2019 "Library Research Guide for Text and Data Mining." Big Data and Computational Social Science Lecture (with UBC Library), UBC, Vancouver, Canada.

Discussant/Faculty Reviewer. 2019 "Human and Social Capital: Pathways to Economic Success among Immigrants." The CPS Graduate Student Conference at the 2019 Annual Conference of Canadian Population Society, Vancouver, Canada.

Co-organizer. 2018 "Mental Health and the City." The XIX International Sociological Association (ISA) World Congress of Sociology, Toronto, Canada.

Lecture Series outside UBC

Year	Class topics and location
2018	<i>Age-Period-Cohort Analyses</i> School of Public Administration, Zhongnan University of Economics and Law
2018	<i>Social Capital</i> School of Humanities and Law, Huazhong Agricultural University
2018	<i>Communities, Housing and Homeowners in Urban China</i> School of Humanities and Law, Huazhong Agricultural University
2015	<i>An Introduction to Age-Period-Cohort Analyses: Principles, Models and Applications</i> The Institute for Empirical Social Science Research, Xi'an Jiaotong University
2012	<i>Foundations and Applications of Social Capital: A Multidisciplinary Approach</i> School of Government, Sun Yat-Sen University

Student Supervision

Student Name	Program Type	Year		Supervisory Role (supervisor, co-supervisor, committee member)
		Start	Finish	
Minheng Chen	M.A. Sociology	2021		Supervisor
Jiixin Gu	Ph.D. Sociology	2019		Supervisor
Adam Vanzella Yang	Ph.D. Sociology	2019		Committee Member
Xueqing Zhang	M.A. Sociology	2018		Committee Member
Cary Wu	Ph.D. Sociology	2013	2019	Committee Member
Jiixin Gu	M.A. Sociology	2017	2019	Supervisor
Zhonghao Wang	M.A. Sociology	2017	2019	Supervisor
Patrick Burnett	Ph.D. Sociology	2011	2018	Committee Member
Xingshu Liu	Ph.D. Sociology	2019		Committee Member
Amy Zeng	Undergraduate Honours Sociology	2021		Supervisor
Alex Chow	Undergraduate Honours Sociology	2019	2020	Supervisor

Mark Ding	Undergraduate Honours Sociology	2019	2020	Supervisor
Joyce Shen	Undergraduate Honours Sociology	2018	2019	Supervisor
Jiaxin Gu	Undergraduate Honours Sociology	2016	2017	Supervisor

Visiting Scholar/Student Supervision

Name	Program Type	Current Affiliation	Current Status
Heqing Liu	Visiting Student	Huazhong University of Science & Technology	Assistant Professor of Sociology
Xiaoxi Liu	Visiting Student	Tsinghua University	Doctoral Student, Political Science
Qianing Li	Visiting Student	Nanjing University	Doctoral Student, Political Science
Yanwu Liu	Visiting Scholar	Wuhan University	Associate Professor of Sociology
Zhilei Shi	Visiting Scholar	Zhongnan University of Economics & Law	Professor of Demography
Yimin Yu	Visiting Student	East China University of Political Science & Law	Assistant Professor of Sociology
Yuan Yue	Visiting Student	Xi'an Jiaotong University	Doctoral Student, Demography

Ad-hoc Journal Reviewer

American Journal of Sociology, American Journal of Public Health, American Sociological Review, Annals of Tourism Research, British Journal of Sociology, Child Indicators Research, Chinese Journal of Sociology, Chinese Sociological Review, Cities, Communications in Statistics, Demographic Research, Demography, Information, Communication and Society, Environment and Planning A, Environment and Planning C, Eurasian Geography and Economics, Health & Place, Housing Studies, International Journal of Urban and Regional Research, Journal of Health and Social Behavior, Journal of Housing and the Built Environment, Journal of Urban Affairs, Research in Social Stratification and Mobility, Social Forces, Social Indicators Research, Social Psychology Quarterly, Social Science & Medicine, Social Science Research, Urban Geography, Urban Studies

Panel Reviewer

The Tri-agency Institutional Programs Secretariat of Canada (New Frontiers in Research Fund)
The Social Sciences and Humanities Research Council of Canada (SSHRC) Insight Grant
The Hong Kong Research Grants Council

University/external examiner

2022 University Examiner, Doctoral Examination (Xian Wang), History, UBC

2022	External Examiner, Doctoral Examination (Yang Zheng), Public Policy, City University of Hong Kong
2022	External Examiner, Masters Thesis (Aditya Prasad), Sociology, Macquarie University
2022	University Examiner, Doctoral Examination (Archer Gong Zhang), Statistics, UBC
2021	University Examiner, Doctoral Examination (Ho Yin Ho), Statistics, UBC
2021	University Examiner, Doctoral Examination (Coral Gonzalez), Economics, UBC
2019	University Examiner, Doctoral Examination (Yoel Kornreich), Political Science, UBC
2016	External Examiner, Masters Thesis (Zifeng Zhang), Sociology, Memorial University of Newfoundland

Service to the University

2020–2021	Member, Faculty Search Committee (computational social science, assistant/associate professor),
2020–2021	Member, Working Group, President's Academic Excellence Initiative, Dept. of Sociology
2020–2021	Member, Advisory Committee, Impact of COVID-19 (Ancestry & Race)
2019–2020	Member, External Review Committee (graduate studies), Dept. of Sociology
2019–2020	Member, Faculty Search Committee (computational social science, open rank)
2019–2020	Co-PI, Research Excellence Cluster of Big Data and Computational Social Science
2019	External Member, Faculty Search Committee (human geography, assistant professor)
2018–2019	Member, Faculty Search Committee (computational social science, open rank)
2017–2018	Member, Faculty Search Committee (environmental sociology, assistant professor)
2016–2021	Member, Visiting Faculty Committee, Dept. of Sociology
2016–2021	Member, Graduate Studies Committee, Dept. of Sociology
2015–2016	Member, Steering Committee, UBC Centre for Population Dynamics Research & Policy
2015–2016	Member, Seminar Committee, Dept. of Sociology

Service to the Community

2022–2024	Councillor, Canadian Population Society
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- 2021–2022 Executive Committee, Canadian Sociological Association
- 2021–2022 Chair, Policy, Ethics & Professional Concerns, Canadian Sociological Association
- 2019–2022 Member, Policy, Ethics & Professional Concerns, Canadian Sociological Association
- 2018–2021 Secretary & Newsletter Editor, International Chinese Sociological Association (ICSA)
- 2012–2015 Director, Teaching Program of the Overseas Youth Chinese Forum (OYCF)

Professional Associations

- 2017–now Canadian Sociological Association
- 2017–now Canadian Population Society
- 2010–now American Sociological Association
- 2019–2020 Statistical Society of Canada
- 2019–2020 Canadian Applied and Industrial Mathematics Society
- 2009–2015 Population Association of America
- 2013–2014 International Network for Social Network Analysis (INSNA)
- 2012–2013 ISA Research Committee on Social Stratification and Mobility (RC28)

Language Skills

Mandarin (fluent), English (fluent), Cantonese (intermediate), Hakka (intermediate), Japanese (basic)