

Jiahe Liang

Contact: jl4228@cornell.edu

EDUCATION

Cornell University

Regional Planning, Department of City and Regional Planning

- Academic Advisor: Mildred Warner, Professor

Ithaca, United States

2023.08 – Present

Zhejiang University

Honors Degree in Public Administration, Chu Kochen Honors College

- Fellowships: Macau S.A.R. Government Scholarship (2019-2022), Heng Yi Research Scholarship (2021-2022), Honors Student Academic Scholarship (2021-2023), Scholarship from School of Public Affairs (2023)
- Academic Advisor: Yuanshuo Xu, Professor

Hangzhou, China

2019.09 - 2023.06

University of California, Berkeley

Summer School (Course: Public Economics)

California, U.S.

2020.07 - 2020.08

Peking University

Summer School (Course: Analysis Methods of Social Survey Data)

Beijing, China

2020.08

PUBLICATIONS

Peer-Reviewed Articles

- Xu, Y., Liang, J.*, Dong, Z., & Shi, M. (2022). Can environmental regulation promote green innovation and productivity? The moderating role of government interventions in urban China. *International Journal of Environmental Research and Public Health*, 19(21), 13974.
- Xu, Y., Liang, J., & Zhang, X. (2023). State Rescaling and Spatial Transformation of Hangzhou Intelligence Valley. *Scientia Geographica Sinica*. 43(2), 230-240. [in Chinese]

Book Chapters

- Chapter 6 “The Future of Digital Urban Governance”, book chapter of Zhang, W. (2022). Digital Urban Governance: Technology Empowerment and Data-driven. *Zhejiang University Press* (In Chinese).

Paper Under Review and Work-in-progress

- Xu, Y., Liang, J.* & Wu, Y. Drivers of Local Government Borrowing in China: Hunger Games and Competition Games under Asymmetric Decentralization. Under Revision at *Regional Studies*
- Liang, J., & Zhu, Y. Punctuated Equilibrium or Complexity? Unpacking the Spatio-temporal Dynamics of Local Governments' Policy Attentions in China. Under Review at *Policy Studies Journal*
- Liang, J., & Zhu, Y. Bureaucratic Control and Municipal Policy Agenda-setting: Supervised Topic Modeling and Hierarchical Regression (working paper)
- Liang, J., & Zou, Y. 'Digital Fix' under State Entrepreneurialism: Urban Digital Transformation of Hangzhou, China (working paper)

CONFERENCES

- Liang, J. Re-disciplining Urban Villages in Chinese Smart Urbanism: 'Smart-mentality' in Future Community Project. *Annual Conference of Association of Collegiate Schools of Planning*. Chicago, IL, 2023.11
- Liang, J. Re-developing Urban Villages in Chinese Smart Urbanism: 'Smart-mentality' in Future Community Project. *Annual Conference of International Association for China Planning*. Tianjin, 2023.7
- Liang, J. State Rescaling, Capital Switching and Characteristic Towns: A Case Study of Gongshu Intelligence Valley in Hangzhou, China. *Annual Conference of International Association for China Planning*. Online, 2022.7
- Liang, J. Shrinking Cities in Urbanized China: Dynamic Time-series Clustering. *Annual Conference of American Association of Geographer*. Online, 2022.3

GRANTS

Principal Investigator

- Drivers of Local Government Borrowing in China: Unveiling the Spatiotemporal Divergence. *Honors College Student Research Fund. Zhejiang University* (80,000 RMB). 2022-2023
- Driving Mechanism of Green Innovation. *National-level College Student Innovation Program. Ministry of Education of China* (12,000 RMB). 2020-2022.5
- Environmental Regulation on Green Innovation: Investigating the Moderating Role of Local Government Intervention. *Honors College Student Research Fund. Zhejiang University* (15,000 RMB). 2020-2022.3

RESEARCH EXPERIENCE

Local Government Restructuring Lab, Cornell AAP

Research Assistant, Supervised by Prof. Mildred Warner

2023.08-Present

Research Institute of Urban Governance, Zhejiang University
Research Assistant, Supervised by Prof. Yuanshuo Xu

2020.11 – 2023.06

Department of Urban Development and Management, Zhejiang University
Research Assistant, Supervised by Prof. Zhirong Zhao

2022.07 - 2022.10

Research Project: Promoting County-level Urbanization in China

Participant, China National Social Science Foundation Key Grant (21ZDA071)

2021-2022

- Developed a dataset of socioeconomic variables (e.g., land leasing, fiscal, population) for China's counties from 2007 to 2019.
- Conducted Dynamic Time Warping algorithm to identify the variegated trajectories of the county-level urbanization; mapped the typologies to unravel the spatial patterns of growing/shrinking counties through ArcGIS.
- Theorized Chinese local government responses to crises based on critical urban theory (e.g., spatial fix and state rescaling).

Research Project: Inter-City Cooperation in the Yangtze River Delta: Network Evolution, Mechanisms and Implications

Participant, China National Natural Science Foundation Youth Grant (42201206)

2022-2025

- Co-wrote the grant application form. Reviewed literature on institutional collective action theory, service sharing, economic geography, state/space theory, new city-regionalism and China regional studies.
- Crawled over 70,000 inter-city cooperation news from government official websites as the proxy for intercity cooperation; mapped the network pattern to identify the core-periphery structure of regional cooperation through UCINET.

COMPETITION EXPERIENCE

ICM Interdisciplinary Contest in Modeling Competition

2021.03

Finalist Award (Top1%)

The Mathematical Association of America & the American Statistical Association

“Challenge Cup” National Business Plan Competition

2020.11

Team Leader, National Gold Award (Top 0.1%)

Ministry of Education of China

International “Internet+” Innovation and Entrepreneurship Competition

2020.10

National Gold Award (Top 0.1%)

Ministry of Education of China

AFFILIATIONS

Association of Collegiate Schools of Planning
Urban Affairs Association
American Association of Geographers
International Association for China Planning

PROFESSIONAL SERVICE

Journal Reviewer: *Policy Studies Journal, The Professional Geographer*

SKILLS

Data Processing and Quantitative Analysis: Stata, R, Excel
Spatial-temporal Analysis: ArcGIS, R
Network Analysis: UCINET
Natural Language Processing: R
Microsoft Office: Word, Excel, PowerPoint
Language: English, Mandarin, Cantonese