

Ivy Liu

The Ohio State University
 John Glenn College of Public Affairs
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EDUCATION

The Ohio State University *May 2024 (Expected)*
 Ph.D., Public Policy & Management. Dissertation Title: "Three Papers on Organizational Learning in Public Sectors"
 Dissertation Committee: Dr. Jill Clark, Dr. Stéphane Lavertu (Co-Chair), Dr. Hongtao Yi (Co-Chair), Dr. Zhu Ling
 Graduate Minor in Economics (M.S. coursework)
 Graduate Minor in Statistics (M.S. coursework)

RESEARCH & TEACHING INTERESTS

Organizational Learning | Public Service Innovation | Policy Diffusion | Social Network Analysis | Policy Process | Minority Entrepreneurship | Quasi-Experiment, Experiment and Machine Learning in Policy Studies | Leadership | Public Policy Analysis

HONORS & AWARDS

Graduate Associate Teaching Award (Honorable Mentioned)	2023
Ray Travel Award for Service and Scholarship	2022
Outstanding Graduate Teaching Assistant Award	2022
Outstanding Graduate Teaching Assistant Award	2020
Outstanding Thesis Award	2017

RESEARCH APPOINTMENTS

Research Associate | John Glenn College of Public Affairs | The Ohio State University 2023
 Assessing The Causes of Racial Disparities in Drug Courts: An Intersectional Approach to Eliminating Barriers to Admittance. *National Institute of Justice (NIJ), W.E.B. DuBois Program of Research on Reducing Racial and Ethnic Disparities in the Justice System, Grant #15PNIJ-21-GG-04708-NIJB.*
 Principal Investigator: Drs. Alex Fraga, Sade Lindsay, & Tasha Perdue
Role: Clean and merge large datasets. Help with quantitative analysis like propensity score matching and difference-in-differences.

Research Associate | John Glenn College of Public Affairs | The Ohio State University 2021
 Provincial Governance and Public Administration Performance Management in Viet Nam.
 Principal Investigator: Dr. Long Tran
Role: Created a dataset of Viet Nam's provincial governance and public administration performance for publication, and write documentation for the dataset.

Research Associate | School of Public Administration and Policy | Renmin University of China 2018-2021
 Local Governance in China. *The National Social Science Fund of China. Grant # 20AZZ008.*
 Principal Investigator: Dr. Shoulong Mao
Role: Interviewed local officials. Cleaned a qualitative database of local governmental practices. Assisted in analyzing the effect of public trust on policy implementation across Chinese cities. Assisted in writing a draft report.

Research Associate | Zhou Enlai School of Government | Nankai University
Environmental Governance in China.

2014-2015

Principal Investigator: Dr. Tao Sun

Role: Interviewed key officials in Chinese local governments about Super-Department Reform. Assisted in content analysis to understand the effect of leaders' attention and policies' reputation on institutional restructure.

JOURNAL PUBLICATIONS

Yi, H., & Liu, I. (2022). [Executive Leadership, Policy Tourism, and Policy Diffusion among Local Governments](#). *Public Administration Review*, 82(6), 1024-1041.

Liu, S., & Christensen, T. (2020). [All Roads Lead to Rome? The Contingency Factors of Institutional Integration: A Comparative Case Study on Environmental Institutional Reform in Guangdong, China](#). *International Public Management Journal*, 23(3), 338-357.

PAPERS IN PROGRESS

Liu, I., & Yi, H. Policy Tourism and Member Duality: Inter-Organizational Learning in Interlocal Policy Networks. *Public Administration* (Revise & Resubmit)

Wang, C., & Liu, I. Crossing Politics-Science Divide of US States' Mask Policy Termination Decisions: Exploring Causal Heterogeneity. *Policy Studies* (Revise & Resubmit)

Liu, I. Pulled In or Pushed Out? The Effect of Learning on Minority Entrepreneurship.

Liu, I. Problem Solving or Reputation Earning? Decision-Making in Learning and Innovation Based on A Conjoint Survey Experiment in Public Sectors.

Wang, Y., Cao, J., Liu, I., & Yi, H. Pollution Data Disclosure, Strategic Environmental Regulation of Local Governments and PM2.5 Emission in China.

Landers, J., & Liu, I. State Corporate Income Tax and Employment Gains in Manufactures and Retail Sectors.

Kim, J., & Liu, I. Go, or No Go: Program Termination of Lean Government Management Initiatives in State Government.

Liu, I., & Kim, J. Reputation Management and Policy Evaluation: How Different Media Reputation Matter for Policy Sustainability and Termination.

Liu, I., & Kim, J. Closing the Gap or Widening the Divide: The Effect of Lean on Social Equity from Experiment Evidence.

Chen, C., Liu, I., & Yi, H. Explaining Policy Punctuations in Authoritarian Regimes: Evidence from Chinese Provinces.

CONFERENCE PRESENTATIONS & INVITED TALKS

Liu, I. Pulled In or Pushed Out? The Effect of Learning on Minority Entrepreneurship. *119th American Political Science Association's Annual Meeting Exhibition*. 2023.

Landers, J., & Liu, I. Do State Corporate Tax Rate Reductions Grow the Economy? An Indiana Case Study. *World Social Science Association's 65th Annual Conference*. 2023

Wang, C., Liu, I. Crossing the Politics-Science Divide: Revealing Causal Heterogeneity underlying US States' Mask Policy Termination Decisions. *American Society for Public Administration 2023 Annual Conference*. 2023.

Chen, C., Liu, I., & Yi, H. Explaining Policy Punctuations in Authoritarian Regimes: Evidence from Chinese Provinces. *2023 Conference on Policy Process Research*. 2023.

Liu, I., & Yi, H. Policy Tourism and Member Duality: Entrepreneurial Learning in Interlocal Policy Networks. *2022 Association for Public Policy Analysis Management*. 2022.

Liu, I., & Yi, H. Policy Tourism and Member Duality: Entrepreneurial Learning in Interlocal Policy Networks. *118th American Political Science Association's Annual Meeting Exhibition*. 2022.

Liu, I., & Yi, H. A Leadership-Context Model of Policy Tourism and Policy Learning. *Public Management Research Conference 2022*. 2022.

Liu, I., & Yi, H. Executive Leadership, Policy Tourism, and Policy Diffusion among Local Governments. *79th Annual Midwest Political Science Association Conference*. 2022.

Liu, I., & Yi, H. Policy Tourism: Learning in Interlocal Policy Networks. *Center for Environmental Policy Behavior Invited Lab Talks*. 2022.

Liu, I. Social Construction Framework and Governance Strategies: A Study Based on the Model of Social Governance in Urban Villages of Guangzhou. *Swiss Asian Summer School*. 2018.

Liu, I. The Selection Logic and Contingency Factors of Integration Mechanism: A Comparative Case Study on Environmental Institutional Reform in Guangdong, China. *The 9th Sino-US International Conference for Public Administration*. 2018.

GRANTS

Alumni Grants for Graduate Research and Scholarship. 2022-2024. *Problem Solving or Reputation Earning? Decision-Making in Learning Based on A Conjoint Survey Experiment in Public Sectors*. \$5000.

The Glenn College PhD Student Small Research Grant. 2022-2023. *Pulled In or Pushed Out? The Effect of Learning on Minority Entrepreneurship*. \$1000.

Fisher Leadership Initiative Grant. 2019-2020. *Executive Leadership, Policy Tourism, and Policy Diffusion among Local Governments*. \$3000.

SCHOLARSHIPS

American Political Science Association Annual Meeting Travel Grant 2023

The Glenn College PhD Student Conference Funding 2022

National Fellowship 2018

First-class Graduate Fellowship 2018

TEACHING

The Ohio State University

John Glenn College of Public Affairs

Undergraduate Course:

Public Policy Analysis (PUBAFRS 3000 | Instructor & Teaching Assistant)

Graduate Courses:

Capstone: Public Policy Issue (PUBAFRS 7910 | Teaching Assistant)

Capstone: Research Paper (PUBAFRS 7900 | Teaching Assistant)

Data Models Evaluation (PUBAFRS 6075 | Teaching Assistant)

Excel Advanced Skills (PUBAFRS 6514 | Teaching Assistant)

Public Affairs Statistics (PUBAFRS 6070 | Teaching Assistant)

Public Sector Economics (PUBAFRS 6030 | Teaching Assistant)

Risk & Decision Making (PUBAFRS 5770 | Teaching Assistant)

Seminar in Public Policy (PUBAFRS 8030 | Guest Lecturer)

ADDITIONAL MODELING TRAINING

Advanced Spatial Econometrics 2020

Spatial random processes, exploratory spatial data analysis, spatial point pattern analysis, spatial covariance functions, variograms, kriging, spatial autoregressive models, and geographically weighted regression.

Causal Inference and Econometrics 2020-2022

Theory development and testing; experimental and quasi-experimental (selection on observables, instrumental variables, regression discontinuity, difference-in-differences) research designs, measurement, collection and analysis of survey data, and mixed-method research.

ICPSR Modern Difference-in-differences Workshop 2021

Difference-in-differences modeling with propensity score matching, coarsen exact matching, synthetic control, asymmetric/staggered treatments, dynamic treatments, interference, heterogeneous treatment effects, and spatial spillover.

Regression Analysis

Simple linear regression, multiple linear regression, piecewise linear models, polynomial regression, generalized linear regression, and Poisson regression.

Social Network Analysis

Dependence and interdependence, exponential random graph models (ERGM), ERG type models for longitudinally observed networks (TERGM), valued-edge ERGMs (GERGM), and latent space model.

Statistical Machine Learning

Linear and logistic regression, classification, cross-validation and bootstrap, linear model selection and regularization, ridge and LASSO penalization, smoothing splines and generalized additive models, support vector machines and kernels, k-means and hierarchical clustering, bagging, random forest, and boosting, principal component analysis and Gaussian mixtures, and neural networks.

2020

2021

2021

ACADEMIC SERVICES

Referee:

Economic Analysis and Policy | Energy Science Engineering | Environmental Science Policy | Evidence Policy | Journal of Environmental Management | Journal of Public Policy | Journal of Urban Affairs | Local Government Studies | Policy Studies Journal | Public Administration Review | Urban Affairs Review | Urban Governance | Utilities Policy

PROFESSIONAL ASSOCIATIONS

American Political Science Association
 American Society for Public Administration
 Association for Public Policy Analysis and Management
 Midwest Political Science Association
 Public Management Research Association

ADDITIONAL SKILLS

Technical:

Excel VBA (Intermediate), R (Advanced), Stata (Intermediate), python (Beginner), ArcGIS (Beginner), GeoDa (Advanced), @Risk (Intermediate), Tableau (Beginner), LaTeX (Advanced)

Language:

Mandarin (Native), English (Bilingual), Cantonese (Fluent)

REFERENCES

Dr. Stéphane Lavertu

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 John Glenn College of Public Affairs
 The Ohio State University
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Dr. Noah Dormady

Associate Professor
 John Glenn College of Public Affairs
 The Ohio State University
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Dr. Hongtao Yi

Professor
 Askew School of Public Administration & Policy
 Florida State University
 Bellamy 665, P.O. Box 3062250, 113 Collegiate Loop,
 Tallahassee, FL 32306
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Dr. Tom Christensen

Professor emeritus
 Department of Political Science
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Curriculum Vitae

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