JIANJING LIN

Dept. of Resource Economics, UMass Amherst
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CURRENT POSITION

Assistant Professor, Department of Resource Economics, UMass Amherst, September 2024 – Present

PRIOR POSITION

Assistant Professor, Department of Economics, Rensselaer Polytechnic Institute, July 2017 – June 2024
Postdoctoral Fellow, Department of Economics, Tulane University, July 2015 – June 2017

EDUCATION

Ph.D., Economics, University of Arizona, Tucson, AZ (Jun. 2015)
M.A., Economics, University of Arizona, Tucson, AZ (Dec. 2011)
M.Phil., Economics, City University of Hong Kong, Hong Kong (Jul. 2010)
B.A., Economics, Sun Yet-san University, China (Jul. 2008)

RESEARCH INTERESTS

Health Economics, Industrial Organization, Applied Econometrics

PUBLICATIONS

- Shall We Blame Health IT for Medicare Overpayments? New Evidence from Medicare Recovery Audit Program, with Keith Joiner, ***Contemporary Economic Policy***, 2025, 43(2): 343-361.

- Reassessing the Impact of Health IT: Hidden Costs and Consequences of Vendor Heterogeneity, with Mary Olson, ***Journal of Economics & Management Strategy***, 2025, 34(3): 309-325.

- More Doctors in Town Now? Evidence from Medicaid Expansions, with Jason Huh, ***Journal of Policy Analysis and Management***, 2024, 44(3): 869-892.

- Upcoding in Medicare: Where Does It Matter Most?, with Keith Joiner and Juan Pantano, ***Health Economics Review***, 2024, 14(1).

- Strategic Complements or Substitutes: the Case of Adopting Health Information Technology by U.S. Hospitals, ***Review of Economics and Statistics***, 2023, 105(5): 1237-1254.

- To Follow the Market or the Parent System: Evidence from Health IT Adoption by Hospital Chains, ***Economic Inquiry***, 2023, 61(4): 891-910.

- Tourism, Terms of Trade and Welfare to the Poor, with Bharat R. Hazari, ***Theoretical***

Economics Letters, 2011, 01: 28-32.

- Environmental Kuznets Curve for Air Quality in City: A Dynamic Panel Data Approach, with Haisheng Yang and Yongzhang Zhou, ***Resource Development & Market***, 2008, 07: 39-43.

WORKING PAPERS

- How do Hospitals Respond To Payment Incentives?, with Gautam Gowrisankaran and Keith Joiner, revise and resubmit, ***Journal of Regulatory Economics***.

- Hospital Upcoding Decisions under Medicare Audits, with Juan Pantano, revise and resubmit, ***Journal of Policy Analysis and Management***.

- Monitoring Pressure and Billing Practices: Evidence from Medicare Recovery Audits, with Juan Pantano, Working Paper.

- Health IT Diffusion and Physician Density, with Jason Huh and Lucy Xiaolu Wang, Working Paper.

SELECT WORKING IN PROGRESS

- Care Coordination and Health IT adoption

- Physician Prescribing and Learning: Evidence from ADHD

- Price Transparency in Health Care.

OTHER PUBLICATIONS

- Blockchain and IoT Enhanced Clinical Workflow, 2022, ***Proceedings of the 20th International Conference on Artificial Intelligence in Medicine, AIME 2022***, with Oshani Seneviratne and Manan Shukla.

- BlockIoT: Blockchain-based Health Data Integration using IoT Devices, 2021, ***AMIA Annual Symposium***, with Oshani Seneviratne and Manan Shukla.

- BlockIoT-RETEL: Blockchain and IoT Based Read-Execute-Transact-Erase-Loop Environment for Integrating Personal Health Data, 2021, ***Proceedings of IEEE Blockchain Conference***, with Oshani Seneviratne and Manan Shukla.

RESEARCH EXPERIENCE

- Research assistant for Prof. Gautam Gowrisankaran, University of Arizona 2012 – 2013, 2014
- Research assistant for Prof. Bharat R. Hazari, City University of Hong Kong 2009 – 2010

TEACHING EXPERIENCE

UMass Amherst

- ResEcon 112 Computing - Foundations to Frontiers — Fall 2026 – now
- ResEcon 702 Econometric Methods (Ph.D. level) — Spring 2025 – now
- ResEcon 428 Managerial Economics — Spring 2025 – Spring 2026

Rensselaer Polytechnic Institute

- ECON 4220/6220 Applied Game Theory — Fall 2017 – Spring 2024
- ECON 4210/6210 Cost-benefit Analysis — Fall 2021 – Spring 2024
- ECON 4570/6560 Econometrics — Fall 2017 – Fall 2020

Tulane University

- ECON 3980 Introduction to Health Economics — Spring, Fall 2016

University of Arizona

- ECON 300 Microeconomic Analysis for Business Decisions — Summer 2014
- ECON 200 Basic Economic Issues — Summer 2012, Summer 2013

CONFERENCE PRESENTATIONS (including scheduled)

2026

IIOC*; NBER Geography and Health*; Annual Meeting of the Academy of Management; European Workshop on Econometrics and Health Economics; Annual Health Econometrics Workshop; APPAM Fall Research Conference; SEA Annual Meeting.

2025

ASHEcon; CES North American Conference; Electronic Health Economics Colloquium; DSI Annual Conference.

2024

Queens College, CUNY; the 22nd Annual International Industrial Organization Conference; University of Massachusetts Amherst; Cornell University; 5th Asian Workshop on Econometrics and Health Economics.

2023

Union College; the 21st Annual International Industrial Organization Conference*; Jinan University; SEA 93rd Annual Meeting.

2022

The 20th Annual International Industrial Organization Conference (discussant); the 11th Annual Conference of the American Society of Health Economists*; the NBER Summer Institute; Midwest Health Economics Conference*; Hunter College.

2021

EEA-ESEM 2021; 48th Annual Conference of the EARIE; SEA 91st Annual Meeting.

2020

Concordia University; Skidmore College.

2019

North Carolina Health Economics Colloquium; 30th Annual Health Economics Conference (discussant); 94th Annual Conference, Western Economic Association International.

2018

Conference on Health IT and Analytics; The 7th Biennial Conference of the American Society of Health Economists; The 16th Annual International Industrial Organization Conference.

* Presentation by coauthor

AWARDS, GRANTS & SCHOLARSHIP

HASS Flash Grant ($2,000)	2020-2021
Research project on Health Innovation, partnership with BCBSLA ($3,000)	2016-2017
George W. Coleman scholarship, University of Arizona	2014-2015
Research Grant, McGuire Center for Entrepreneurship, University of Arizona ($2,000)	2013-2014
Excellent Thesis Awards, City University of Hong Kong	2009-2010

SKILLS

Computing	Matlab, STATA, R, LaTeX, Microsoft Office
Language	English, Cantonese, Mandarin

SERVICES

Member	American Society of Health Economists, American Economic Association
Refereeing	American Economic Review; American Journal of Health Economics; Asia-Pacific Journal of Accounting & Economics; BMC Health Services Research; China Economic Review; Economics and Human Biology; Economic Inquiry; European Journal of Health Economics; Health Economics; Health Economics Review; International Economic Review; Journal of Economic Surveys; Journal of Human Resources; Journal of Industry, Competition and Trade; Journal of Policy Analysis and Management; Management Science; Oxford Bulletin of Economics and Statistics; Scientific Reports.