

CV: Jialin Hou (last edited: 8/18/2025)

Contact information

College of Public Health, University of Kentucky, Research Facility #1, Lexington, KY 40536,
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Employment history

2023-2025 Postdoctoral researcher, Department of Health Management and Policy, College of Public Health, University of Kentucky

Education history

2023 Ph.D., Economics, Department of Economics, University of Pittsburgh
2014 M.Sc., Economics, Department of Economics, University of Wisconsin-Madison
2013 Bachelor, Economics, School of Economics, Fudan University, China

Research topics

Health economics: substance use disorders, Medicaid, claims data
Consumer finance: Medicaid fee schedule, credit report data
Applied econometrics: DiD, RD, IV, Bayesian

Publications

1. Jayani Jayawardhana, **Jialin Hou**, Patricia Freeman, Jeffery C. Talbert, *The Impact of State Cannabis Legalization on Cannabis Use Disorder and Cannabis Poisoning: Evidence from Employer-Sponsored Health Insurance*, **JAMA Psychiatry 2024**
2. Thomas Magelinski, **Jialin Hou**, Tymofiy Mylovanov, Kathleen M Carley, *Detecting Disruption: Identifying Structural Changes in the Verkhovna Rada*, **Social, Cultural, and Behavioral Modeling: 12th International Conference 2019 proceedings**

Working papers

1. **Jialin Hou**, Jeffery C. Talbert, Jayani Jayawardhana, *The Increasing Risk of Cannabis Use Disorder among Medicaid Enrollees with Psychiatric Comorbidities: 2012-2021*, **R&R at Drug and Alcohol Dependence 2025**
2. **Jialin Hou**, Jayani Jayawardhana, *The Impact of State Cannabis Laws on Polysubstance Use Disorders Development Involving Cannabis*
3. **Jialin Hou**, *The Impact of Medicaid Expansion on Closing the Neighborhood Household Financial Disparity*, [click here for a writing sample](#)

Grant

2020 Data grant, Data Center Project No. 540, Center for Financing, Access and Cost Trends, Agency for Healthcare Research and Quality

Courses taught

2023 Guest instructor, for graduates, Stata and R Hands-on, University of Kentucky
2020 Instructor, for undergraduates, Advanced Game Theory, University of Pittsburgh

Mentoring

2023-2025 Student research and statistical software advising, for graduates, Department of Health Management and Policy, University of Kentucky

Presentations

2025 Poster, University of Kentucky Substance Use Research Event, Lexington KY
2024 Oral, Southern Economics Association Annual Meeting, DC
2024 Poster, University of Kentucky Center for Clinical and Translational Science Spring Conference, Lexington KY
2024 Poster, University of Kentucky Public Health Showcase, Lexington KY
2022 Oral, North American Summer Meeting of the Econometric Society, Miami
2022 Invited external speaker, Indiana University of Pennsylvania Department of Economics, Indiana PA
2021 Oral, Annual Conference of the Society of Economic Dynamics, Minneapolis
2019 Oral, North American Summer Meeting of the Econometric Society, Seattle
2019 Oral, Sunbelt Social Networks Conference of the International Network for Social Network Analysis, Montreal
2019 Oral, International Conference on Social Computing, Behavioral-Cultural Modeling & Prediction and Behavior Representation in Modeling and Simulation, DC
2019 Poster, University of Pittsburgh Advancing Research through Computing, Pittsburgh

Honors

2025 Poster prize, 2nd place postdoctoral group, Substance Use Research Event, University of Kentucky
2024 Poster prize, 2nd place postdoctoral group, Public Health Showcase, University of Kentucky
2019 Poster prize, Advancing Research through Computing, University of Pittsburgh

Big data used in research

2023-2025 at University of Kentucky: Merative MarketScan Commercial Claims and Encounters Database and Multi-state Medicaid Database 2008-2023
2018-2022 at University of Pittsburgh: Experian Consumer Credit Panel Data 2004-2018

Statistical and modeling software used in research

Daily: SQL-server, Stata
Used in past research: R and Rstan, Slurm and Unix, Matlab and Dynare, Python

Reference

1. Dr. Jayani Jayawardhana, Associate Professor, College of Public Health, University of Kentucky, email: jayani.jayawardhana@uky.edu
2. Dr. Marla Ripoll, Professor, Department of Economics, University of Pittsburgh, email: ripoll@pitt.edu
3. Dr. Coleman Drake, Associate Professor, School of Public Health, University of Pittsburgh, email: CDRAKE@pitt.edu