

	UW-Madison Department of Economics 1180 Observatory Drive, Office 6439 Madison, WI 53706	Sewell Social Sciences Office 6439 (715) 212-4370 jcollison@wisc.edu jackcollison.github.io	
EDUCATION	2021 - 2021 - 2023 2019 - 2021 2016 - 2020	Ph.D. Candidate in Economics M.S. in Economics M.S. in Statistics B.A. in Economics with Honors	UW-Madison UW-Madison Stanford University Stanford University
RESEARCH FIELDS	Industrial organization, applied microeconomics, econometrics		
RESEARCH ASSISTANCE	2024 - 2023 - 2024 2022 - 2023 2020 - 2021 2017 - 2019	Research Assistant for Panle Jia Barwick and Shanjun Li Research Assistant for Lorenzo Magnolfi and Chris Sullivan Research Assistant for Ashley Swanson Research Assistant for Karen Eggleston Research Assistant for Liran Einav and Pete Klenow	UW-Madison UW-Madison UW-Madison Stanford University Stanford University
PROFESSIONAL EXPERIENCE	2019 - 2022 2020 2017	Research Analyst Intern Quantitative Research Intern Research Intern	Ellington Management Group QuantCo NASA Frontier Development Lab
PUBLICATIONS	The Impact of Online Food Delivery Services on Restaurant Sales, <i>Stanford Undergraduate Thesis</i> , 2020 Jenniskens, et al. A survey of southern hemisphere meteor showers. <i>Journal of Planetary and Space Science</i> , 154, May 2018, 21-29		
WORKING PAPERS	The Welfare Effects of Passenger Transportation Infrastructure: Evidence from China's High-Speed Rail Network, with Panle Jia Barwick, Shanjun Li, and Yatang Lin The Impact of Ride-Sharing Taxes: Evidence from Chicago, <i>under review</i> Missed INR tests and reduced healthcare during early COVID-19 are linked to adverse outcomes in at-risk warfarin-treated atrial fibrillation patients, with Karen Eggleston, Richard Liang, Ada Zhang, and Andrew Chang; <i>under review</i>		
WORKS IN PROGRESS	Market Counterfactuals with Nonparametric Supply: An ML/AI Approach, with Harold Chiang, Lorenzo Magnolfi, and Christopher Sullivan Approximations of High-Dimensional Markov Perfect Equilibrium in Dynamic Oligopoly Dynamics of Intermediary Bargaining and Market Power, with Toren Fronsdal Baseload Production and Electricity Price Variation, with John Higgins		
CONFERENCES	2025 2024 2024 2024 2024 2023 2023	International Industrial Organization Conference* Midwest IO Fest [†] Econometric Society Summer School in Dynamic Structural Econometrics Econometric Society Conference on Dynamic Structural Econometrics Urbanization and Poverty Reduction Research Conference [†] NBER Economics of Digitization and Artificial Intelligence Tutorial NBER Economics of Digitization and Artificial Intelligence Conference	

American Society of Health Economists Conference[†]
 2022 American Society of Health Economists Conference*

* = presenter, † = discussant, ‡ = presented by coauthor

CONFERENCE PROCEEDINGS

De Ciccio, et al. Artificial Intelligence Techniques applied to Automating Meteor Validation and Trajectory Quality Control to Direct the Search for Long Period Comets, *Proceedings of the International Meteor Conference*, September 2017

Zoghbi et al. Searching for Long-Period Comets with Deep Learning Tools, *Neural Information Processing Systems: Deep Learning for Physical Sciences*, December 2017

AWARDS

2024	Culbertson Field Paper Scholarship	UW-Madison
	Juli Plant Grainger Summer Research Fellowship	UW-Madison
2023	Juli Plant Grainger Summer Research Fellowship	UW-Madison
	Distinguished Teaching Assistant	UW-Madison
	Department of Economics Travel Scholarship	UW-Madison
2022	Department of Economics Travel Scholarship	UW-Madison
2021	Graduate School Fellowship	UW-Madison
2020	Anna Laura Meyers Prize for Outstanding Honors Thesis	Stanford University
	Economics Departmental Honors	Stanford University
2018	Economics Summer Research Grant	Stanford University

TEACHING/COURSE ASSISTANCE

2025	Guest lecturer, ECON 717, Applied Econometrics (Ph.D.)	UW-Madison
2024	Guest lecturer, ECON 899, Topics in Computational Economics (Ph.D.)	UW-Madison
2023	Teaching Assistant, ECON 570, Data Analytics for Economists	UW-Madison
	Guest lecturer, ECON 899, Topics in Computational Economics (Ph.D.)	UW-Madison
2022	Teaching Assistant, ECON 101, Principles of Microeconomics	UW-Madison
2022	Course Assistant, ECON 725, Machine Learning for Economists	UW-Madison

REFeree SERVICES

Journal of the European Economic Association (x2), *Journal of Industrial Economics*

TECHNICAL SKILLS

Python, R, Julia, SQL, Stata, Matlab, \LaTeX