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| | 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 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 | Enhancing the Merger Simulation Toolkit with ML/AI, with Harold Chiang, Lorenzo Magnolfi, and Christopher Sullivan 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 | High-Dimensional Spatial Spillovers and Industry Dynamics in the Banking Industry Energy Transition, Rising Protectionism, and Market Entry in the Global Automobile Industry, with Panle Jia Barwick, Shanjun Li, and Yucheng Wang Baseload Production and Electricity Price Variation, with John Higgins Dynamics of Intermediary Bargaining and Market Power, with Toren Fronsdal | |
| CONFERENCES | 2024 | Midwest IO Fest [‡] Econometric Society Summer School in Dynamic Structural Econometrics Econometric Society Conference on Dynamic Structural Econometrics Urbanization and Poverty Reduction Research Conference [‡] |

- 2023 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

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|------|---|---------------------|
| 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

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|------|---|------------|
| 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