JASON R. BLEVINS

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ACADEMIC POSITIONS

The Ohio State University, Department of Economics

Professor, 2025–Present.

Associate Professor, 2017–2025.

Assistant Professor, 2010–2017.

Yale Center for Customer Insights, Melville Blake '80 Visiting Summer Fellow, 2012.

Duke University, Department of Economics, Research and Teaching Assistant, 2005–2010.

EDUCATION

Ph.D. Economics, Duke University, 2010.

Dissertation Title: "Essays in Industrial Organization and Econometrics".

Committee: Han Hong (co-chair), Shakeeb Khan (co-chair), Paul Ellickson, Andrew Sweeting.

A.M. Economics, Duke University, 2006.

B.S. Applied Mathematics, *Summa Cum Laude*, North Carolina State University, 2004.

Budapest Semesters in Mathematics, Fall 2002.

Minors in Economics and Computer Programming.

RESEARCH INTERESTS

Econometrics, Empirical Industrial Organization, Applied Microeconomics

WORKING PAPERS

1. Blevins, J. R. Leveraging Uniformization and Sparsity for Estimation and Computation of Continuous-Time Dynamic Discrete Choice Games. Under review at *Journal of Econometrics*.
2. Blevins, J. R. PyELW: Exact Local Whittle Estimation for Long Memory Time Series in Python. Reject and resubmit at *Journal of Statistical Software*.
3. Blevins, J. R. Semiparametric Estimation of Fractional Integration: An Evaluation of Local Whittle Methods. Under review at *Journal of Applied Econometrics*.
4. Blevins, J. R. and M. Kim. Nested Pseudo-Likelihood Estimation of Dynamic Discrete Choice Games: A Replication and Retrospective.
5. Blevins, J. R. and Y. Jeong. Multiplicity and Uniqueness of Equilibria in Continuous-Time Dynamic Discrete Choice Games.
6. Blevins, J. R. Partial Identification and Inference in Binary Choice and Duration Panel Data Models.

WORK IN PROGRESS

7. Blevins, J. R. Identification and Estimation of Spatial Weights in Matrix Exponential Panel Data Models.
8. Blevins, J. R. Exact Local Whittle Estimation with Unknown Deterministic Components.

PUBLICATIONS

9. Blevins, J. R. (2026). Identification and Estimation of Continuous-Time Dynamic Discrete Choice Games. *Quantitative Economics* 17, 254–296.
10. Dearing, A. and J. R. Blevins (2025). Efficient and Convergent Sequential Pseudo-Likelihood Estimation of Dynamic Discrete Games. *Review of Economic Studies* 92, 981–1021.
11. Blevins, J. R. and M. Kim (2024). Nested Pseudo Likelihood Estimation of Continuous-Time Dynamic Discrete Games. *Journal of Econometrics* 238.
12. Blevins, J. R., W. Shi., D. R. Haurin, and S. Moulton (2020). A Dynamic Discrete Choice Model of Reverse Mortgage Borrower Behavior. *International Economic Review* 61, 1437–1477.
13. Blevins, J. R. and G. T. Senney (2019). Dynamic Selection and Distributional Bounds on Search Costs in Dynamic Unit-Demand Models. *Quantitative Economics* 10, 891–929.
14. Blevins, J. R., A. Khwaja, and N. Yang (2018). Firm Expansion, Size Spillovers and Market Dominance in Retail Chain Dynamics. *Management Science* 64, 3971–4470.
15. Blevins, J. R. (2017). Identifying Restrictions for Finite Parameter Continuous Time Models with Discrete Time Data. *Econometric Theory* 33, 739–754.
16. Blevins, J. R. (2016). Sequential Monte Carlo Methods for Estimating Dynamic Microeconomic Models. *Journal of Applied Econometrics* 31, 773–804.
17. Arcidiacono, P., P. Bayer, J. R. Blevins, P. B. Ellickson (2016). Estimation of Dynamic Discrete Choice Models in Continuous Time with an Application to Retail Competition. *Review of Economic Studies* 83, 889–931.
18. Blevins, J. R. (2015). Non-Standard Rates of Convergence of Criterion-Function-Based Set Estimators for Binary Response Models. *Econometrics Journal* 18, 172–199.
19. Blevins, J. R. (2015). Structural Estimation of Sequential Games of Complete Information. *Economic Inquiry* 53, 791–811.
20. Blevins, J. R. (2014). Nonparametric Identification of Dynamic Decision Processes with Discrete and Continuous Choices. *Quantitative Economics* 5, 531–554.
21. Blevins, J. R. and S. Khan (2013). Distribution-Free Estimation of Heteroskedastic Binary Response Models in Stata. *Stata Journal* 13, 588–602.
22. Blevins, J. R. and S. Khan (2013). Local NLLS Estimation of Semiparametric Binary Choice Models. *Econometrics Journal* 16, 135–160.
23. Blevins, J. R. (2009). A Generic Linked List Implementation in Fortran 95. *ACM Fortran Forum* 28(3), 2–7.

SCIENTIFIC SOFTWARE

PyELW: A Python package for exact local Whittle estimation for long memory time series.

Annotated MATLAB Translation of the Aguirregabiria and Mira (2007) Replication Code, with Minhae Kim (2019).

DFBR, A Stata program for distribution-free estimation of heteroskedastic binary response models, with Shakeeb Khan (2009).

PDESolutionTester, A Mathematica program for the symbolic verification of exact solutions of nonlinear partial differential equations, with Jeff Heath and Willy Hereman (2002).

GRANTS AND SPONSORED PROJECTS

Blevins, J. R. and Dearing, A. (co-PIs). Demand estimation and analysis for products. Undisclosed corporate sponsor. $58,434.

Moulton, S. (PI), Seligman, J. S., Haurin, D. R., Loibl, C., Blevins, J. R. (Co-PIs). Aging in Place: Managing the Use of Reverse Mortgages to Enable Housing Stability, 2013–2016. U.S. Department of Housing and Urban Development (HUD). $555,004.

HONORS & AWARDS

Economic Inquiry Award for Outstanding Review Service, 2018.

Summer Research Fellowship, Duke University, 2007, 2008.

Institute on Computational Economics Fellow, University of Chicago, 2006.

Outstanding Teaching Assistant Award, Duke University, 2006.

Undergraduate Research Award, North Carolina State University, 2004.

Phi Beta Kappa, Zeta of North Carolina, 2003.

NSF Research Experiences for Undergraduates, Colorado School of Mines, 2002.

EDITORIAL SERVICE

Associate Editor, *Economic Inquiry*, 2018–Present.

Referee for *American Economic Review*, *Econometrica*, *Econometric Reviews*, *Econometric Theory*, *Economic Inquiry*, *Economics Letters*, *International Economic Review*, *Journal of Applied Econometrics*, *Journal of Business and Economic Statistics*, *Journal of Computational Finance*, *Journal of Economic Dynamics and Control*, *Journal of Economic Literature*, *Journal of Econometric Methods*, *Journal of Econometrics*, *Journal of Labor Economics*, *Journal of Political Economy*, *Management Science*, *Marketing Science*, *Operations Research*, *RAND Journal of Economics*, *Review of Economic Studies*, *Review of Economics and Statistics*, *Scandinavian Journal of Statistics*, *Stata Journal*, *Pakistan Journal of Statistics*, *Quantitative Economics*, Cambridge University Press, National Science Foundation, Ohio Supercomputer Center, Polish National Science Centre

CONFERENCE AND SEMINAR PRESENTATIONS

2025 Stony Brook University, International Industrial Organization Conference (IIOC, Philadelphia, presenter and discussant), Midwest Econometrics Group (MEG 2025, University of Illinois).

2024 Empirical Methods in Game Theory (Stony Brook University) (presenter and discussant), Midwest Econometrics Group (MEG 2024, University of Kentucky).

2023 International Association for Applied Econometrics (IAAE 2023, Oslo).

2022 Indiana University.

2021 North American Summer Meeting of the Econometric Society (University of Montreal).

2020 University of Notre Dame, Michigan State University,† Boston College,† ASSA Annual Meeting (San Diego, Society for Computational Economics session), International Industrial Organization Conference (IIOC, Philadelphia),† Econometric Society World Congress (Milan).

2019 Texas A&M University, Office of the Comptroller of the Currency, University of Toronto, International Association for Applied Econometrics (IAAE 2019, Cyprus), University of Calgary Empirical Microeconomics Workshop (Banff).

2018 University of Montreal, Pennsylvania State University.

2017 Indiana University, University of Maryland, University of Texas at Austin, University of Western Ontario, University of Pittsburgh, ASSA Annual Meeting (Chicago, discussant), Midwest Econometrics Group (MEG 2017, Texas A&M).

2016 Ohio State University (Glenn College of Public Affairs), University of Arizona, University of Calgary Empirical Microeconomics Workshop (Banff).

2015 University of British Columbia, Econometric Society World Congress (Montréal), Stata Conference (Columbus), Midwest Econometrics Group (MEG 2015, St. Louis Fed).

2014 Columbia University, University of Iowa, University of Kentucky.

2013 University of Chicago, Northwestern University, University of Michigan, Midwest Econometrics Group (MEG 2013, Indiana University).

2012 Yale University (School of Management), Washington University (Olin Business School), University of Virginia.

2011 Pennsylvania State University, University of Toronto, University of Texas at Austin, Vanderbilt University, University of Rochester (Simon Graduate School of Business), Ohio State University (AEDE), Midwest Econometrics Group (MEG 2011, Chicago, Booth).

2010 Ohio State University, University of Illinois at Urbana-Champaign, University of Western Ontario, University of Pittsburgh, Midwest Econometrics Group (MEG 2010, Washington University), Triangle Econometrics Conference, ERID Conference on Identification Issues in Economics (Duke).

SERVICE TO PROFESSION, UNIVERSITY, & DEPARTMENT

Conference Organization

Program Committee of the 9th Annual Conference of the International Association of Applied Econometrics (IAAE), Kings College, London, June 21–24, 2022.

Scientific Committee of the 8th Annual Conference of the International Association of Applied Econometrics (IAAE), Rotterdam, June 22–25, 2021.

Scientific Committee of the 7th Annual Conference of the International Association of Applied Econometrics (IAAE), London, June 30–July 3, 2020.†

Local Organizer, 29th Annual Meeting of the Midwest Econometrics Group (MEG), Ohio State University, October 11–12, 2019.

University Service

Graduate Council (2025–26)

Arts and Sciences Curriculum Committee, SBS Panel (2017–18, 2018–19, 2019–20)

Ad Hoc Online Course Assurance Review, SBS Curriculum Committee (Summer 2020, Fall 2020)

Department Service

Director of Graduate Studies (2022–23, 2023–24, 2024–25, 2025–26)

Director of Graduate Placement (2018–19, 2019–20, 2020–21, 2021–22)

Advisory Committee to the Chair (2017–19, 2021–23)

Academic Review Committee (2018–19, 2019–20)

Faculty Recruiting Committee (2010–11, 2011–12, 2014–15, 2016–17, 2017–18, 2019–20, 2021–22, 2022–23, 2024–25, 2025–26)

Graduate Studies Committee (2012–13, 2018–19, 2019–20, 2020–21, 2021–22, 2022–23, 2023–24, 2024–25, 2025–26)

Undergraduate Studies Committee (2014–15)

Promotion and Tenure Reading Committee (2018–19, 2020–21, 2022–23)

Ad-Hoc Graduate Program Review Committee (2013–14)

Econometrics Seminar Organizer (Autumn 2016, Spring 2018, Spring 2019, Autumn 2019, Spring 2022, Spring 2023, Spring 2024, Spring 2025)

General Education Curriculum Data Science Theme Representative (2019–20)

G.S. Maddala Prize Committee (2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025)

Tom Kniesner and Debbie Freund Award Committee (2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025)

Open Source Software

Creator and administrator of the Fortran Wiki, an open venue for discussing all aspects of the Fortran programming language and scientific computing, 2008–present.

Maintainer of a mirror of Alan Miller's Fortran Software, a repository of public domain scientific computing procedures written in Fortran, 2009–present.

Creator of Markdown Mode for Emacs, a major mode for editing Markdown files, 2007.

PROFESSIONAL MEMBERSHIPS

Econometric Society (2006–Present)

American Economic Association (2010–Present)

American Statistical Association (2011–Present)

International Association for Applied Econometrics (2019–Present)

ADVISING

Ph.D. Students, as Primary Advisor (Initial Placement in Parentheses)

Chao Ma (2015, Assistant Professor, Xiamen University, WISE, co-advisor with Donald Haurin)

Garrett T. Senney (2016, Financial Economist, Office of the Comptroller of the Currency)

Junqiushi Ren (2017, Assistant Professor, Southwestern University of Finance and Economics, RIEM)

Minhae Kim (2022, Assistant Professor, Oklahoma State University)

Daniel Lopez Gomez (2022, Data Scientist, Figma)

Youngjae Jeong

Bill Wang

Ph.D. Students, as Committee Member (Initial Placement in Parentheses)

Chih-Sheng Hsieh (2013, Assistant Professor, Chinese University of Hong Kong)

Chao Yang (2015, Assistant Professor, Shanghai University of Finance and Economics)

Xingbai Xu (2016, Assistant Professor, Xiamen University, WISE)

Xiang Hui (2016, Postdoctoral Researcher, MIT Sloan)

Wei Shi (2016, Assistant Professor, Jinan University Institute for Economic and Social Research)

Kai Yang (2016, Assistant Professor, Shanghai University of Finance and Economics)

Jongwook Park (2017, Economist, Bank of Korea)

Bosung Jang (2017, Economist, Bank of Korea)

Neslihan Sakarya (2017, Assistant Professor, University of Essex)

Tuo Liu (2017, Assistant Professor, Xiamen University, WISE)

Joseph Rossetti (2018, Associate, Matrix Economics)

Hongyu Chen (2018, Quantitative Analyst, Freddie Mac)

Hyewon Kim (2018, Senior Quantitative Analyst, Gartner)

Yun Pu (2018, Assistant Professor, Southwestern University of Finance and Economics, School of Public Finance and Taxation)

Jon Michel (2019, Data Scientist, Google)

Hanbat Jeong (2019, Postdoctoral Researcher, Ohio State; Senior Lecturer, Macquarie University)

Yang Yang (2022, Assistant Professor, Tianjin University)

Yichun Song (2023, Assistant Professor, Dongbei University of Finance and Economics, Institute for Advanced Economic Research)

Nayul Kim (2024, Research Fellow, Korean Institute of Finance)

Yanli Lin (2024, Lecturer/Assistant Professor, University of Western Australia)

Zheyu Ni (2024, Economist, Digonex)

Minhee Lee (2025, Economist, Amazon)

Shi Ryoung Chang (2025, Economist, Bank of Korea)

Shivam Agrawal (2026, Senior Associate, Charles River Associates)

Pingchuan Ma

Robert Daniel

Sunmin Kim

Mingrui Ma

Jhongyi Huang

Wei Fan

Andy Wang

Sukgyu Shin

Xinyu Li

Yixuan Li

Undergraduate Honors Students

Erik Lauritzen (2011, co-advisor with Jennifer Suchland)

Rachel Williams (2019, committee member)

TEACHING

The Ohio State University

Advanced Econometrics I (Ph.D.): Spring 2019, Autumn 2019, Spring 2021, Spring 2022, Spring 2023, Spring 2024, Spring 2025, Spring 2026.

Topics in Microeconometrics (Ph.D.): Autumn 2011, Autumn 2012, Autumn 2014, Autumn 2015, Autumn 2016.

Econometrics II (Ph.D.): Spring 2020, Spring 2021, Spring 2022, Spring 2023, Spring 2024, Spring 2025, Spring 2026.

Econometrics I (Ph.D.): Spring 2011.

Econometrics II: Spring 2012, Autumn 2012, Autumn 2016, Spring 2017, Spring 2018, Spring 2019, Autumn 2019, Autumn 2020.

Introductory Econometrics: Winter 2011, Spring 2014, Autumn 2014, Spring 2015.

Econometrics seminar organizer: Autumn 2016, Spring 2018, Spring 2019, Spring 2022, Spring 2023, Spring 2024, Spring 2025.

Duke University

Microeconomics Qualifier Camp (Ph.D.): Summer 2006.

Econometrics II (Ph.D.): Spring 2007, teaching assistant for Shakeeb Khan.

Microeconomic Analysis II (Ph.D.): Spring 2006, teaching assistant for Curtis Taylor.

Microeconomic Analysis I (Ph.D.): Fall 2005, teaching assistant for Thomas Nechyba.

MISCELLANEOUS

Google Open Source Programs Office sponsorship of Markdown Mode for Emacs, June 2015, $250.

Programming Languages: Fortran, Python, Matlab, LaTeX, Emacs Lisp, Perl, Stata, Mata, SQL, C, C++, Swift.

Security Clearance: Special Sworn Status, U.S. Census Bureau (2009).

Den Leader, Cub Scout Pack 365 (2020–2022).

† Canceled due to COVID-19.