

J. AISLINN BOHREN

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My research studies various topics in microeconomics with a focus on information, belief formation and how individuals interact in dynamic settings. I explore questions related to learning under model misspecification, discrimination, information aggregation and moral hazard.

Academic Positions

Associate Professor of Economics, University of Pennsylvania, 2019–present (*parental leave FA2019, FA2021*)

Assistant Professor, Tepper School of Business, Carnegie Mellon University, 2018–2019

Assistant Professor of Economics, University of Pennsylvania, 2013–2019 (*on leave 2018–19*)

Lecturer of Economics, University of Pennsylvania, 2012–2013

Affiliations

Research Fellow in Organizational Economics, Center for Economic Policy Research, 2021 – (research affiliate in Industrial Organization from 2016-2021).

Member, Inequality: Measurement, Interpretation & Policy Network, Human Capital and Economic Opportunity (HCEO) Global Working Group, 2021-

Education

Ph.D. in Economics, University of California, San Diego, 2012

B.S. *magna cum laude* in Economics and Mathematics with Honors, University of Richmond, 2004

Research Grants

Penn University Research Foundation Grant, “Prospective Bias in Belief Formation,” 2023-24, \$38,265

NSF Grant SES-1851629, “Learning from Diverse Sources and Models,” with Annie Liang, 2019–24, \$441,997.

Honors, Fellowships and Awards

Council Member of the Game Theory Society, 2023-

Lloyd Shapley Lecture at World Congress of the Game Theory Society 2021

Exeter Prize 2020 for best paper published in previous year in experimental economics, decision theory and behavioral economics

Kravis Award for Outstanding Undergraduate Teaching in Economics, Penn, 2016

Clive Granger Research Fellowship, UCSD, 2011

Key Scientific Challenges Winner, Yahoo!, 2011

Humane Studies Fellowship, Institute for Humane Studies, 2010-2011

Walter P. Heller Memorial Award for Outstanding Third Year Paper, UCSD, Fall 2009

Teaching Assistance Excellence Award for Graduate Courses, UCSD, Fall 2008

Summer Graduate Research Fellowship, UCSD, Summer 2008

Herman P. Thomas Scholarship in Economics, U. Richmond, 2002 – 2004

University Scholars Scholarship, U. Richmond, 2000 – 2004

Publications & Acceptances

1. “Inaccurate Statistical Discrimination: An Identification Problem,” with Kareem Haggag, Alex Imas and Devin Pope, *accepted at Review of Economics and Statistics*.
2. “Persistence in a Dynamic Moral Hazard Game,” *Theoretical Economics*, Vol. 19, January 2024, pgs. 449-498.
3. “Optimal Lending Contracts with Retrospective and Prospective Bias,” with Daniel N. Hauser, *AEA Papers & Proceedings*, May 2023, pgs. 665-72.
4. “Learning with Heterogeneous Misspecified Models: Characterization and Robustness,” with Daniel N. Hauser, *Econometrica*, Vol. 89, Issue 6, November 2021, pgs. 3025-3077.
5. “Should Straw Polls be Banned?” with Nageeb Ali, *Games and Economic Behavior*, Vol. 118, November 2019, pgs. 284-294.
6. “The Dynamics of Discrimination: Theory and Evidence,” with Alex Imas and Michael Rosenberg, *American Economic Review (lead article)*, Vol. 109, October 2019, pgs. 3395-3436.
7. “Optimal Design of Experiments in the Presence of Interference,” with Sarah Baird, Craig McIntosh and Berk Ozler, *Review of Economics and Statistics*, Vol. 100, No. 5, December 2018, pgs. 844-860.
8. “The Language of Discrimination: Using Experimental versus Observational Data,” with Alex Imas and Michael Rosenberg, *AEA Papers & Proceedings*, Vol. 108, May 2018, pgs. 169-174.
9. “Informational Herding with Model Misspecification,” *Journal of Economic Theory*, Vol. 163, May 2016, pgs. 222-247.

Working Papers

10. “Systemic Discrimination: Theory and Measurement,” with Peter Hull and Alex Imas.
11. “The Behavioral Foundations of Model Misspecification,” with Daniel N. Hauser.
12. “Over- and Underreaction to Information,” with Cuimin Ba and Alex Imas.
13. “A Cognitive Foundation for Perceiving Uncertainty,” with Josh Hascher, Alex Imas, Michael Ungeheuer and Martin Weber.
14. “Peer Monitoring with Partial Commitment,” with Troy Kravitz.

Work in Progress

15. “Misinterpreting Social Outcomes and Information Campaigns,” with Daniel N. Hauser.
16. “Posteriors as Signals in Misspecified Learning Models,” with Daniel N. Hauser.

Software

17. “Power Calculation Software for Randomized Saturation Experiments, Version 1.0.” with P. Staples, S. Baird, C. McIntosh and B. Özler, 2016, <http://pdel.ucsd.edu/solutions/index.html>.

Teaching

Undergraduate Industrial Organization---Technology & E-commerce Markets (Penn)
Intermediate Microeconomics (Penn)

MBA Strategies in Information Markets (CMU)

Graduate Microeconomic Theory (Penn non-econ Ph.D.)
Game Theory & Applications (Penn non-econ Ph.D.)
Microeconomic Theory I (Penn; 1st year Ph.D.)
Advanced Topics in Microeconomic Theory: Learning, Information & Dynamic Games (Penn, Pitt, CMU; 2nd year Ph.D.)

Advising

Ph.D. Advising (*indicates primary advisor)

- Mengxi Sun (Pitt, expected 2026)
- Marcus Tomaino (Penn, expected 2025)
- Cuimin Ba* (Penn 2023, U. Pittsburgh)
- Alice Gindin* (Penn 2023, Middlebury)
- Nawaaz Khalfan (Penn 2023, Monash post-doc)
- Zach Wojtowicz (CMU 2022, Harvard post-doc)
- Ashwin Kambhampati (Penn 2021, U.S. Naval Academy)
- Carlos Segura (Penn 2019, Banco Central de Costa Rica)
- Daniel Hauser* (Penn 2017, Aalto University)
- Nicholas Janetos (Penn 2017, Wharton (post-doc))
- Zenan Wu (Penn 2015, Peking University)

Ph.D. Third Year Paper Advisor, 2015, 2016, 2018, 2020
Undergraduate Independent Study Advisor, 2016, 2023
Penn Undergraduate Research Mentor (PURM), 2016

Department Service

Social Media Committee (chair), AY2023-24
Ph.D. Admissions Committee, Penn
Member (AY2012-16, 2017-18, 2019-20, 2021-22)
Co-chair (AY2020-21, 2022-23, 2023-24)
Faculty Teaching Mentor, Penn (AY2020-21, 2021-22)
Graduate Executive Committee, Penn (AY2020-21)
Graduate Examinations Committee, Penn (AY2020-21, 2022-23, 2023-24)
Department Chair Search Committee, Penn (AY2017-18, 2020-21)
Theory Seminar Organizer, Penn (FA2013-18, SP2020, AY2020-21, AY2021-22)
Recruiting Committee, CMU (AY2018-19)
Strategy Seminar Organizer, CMU (SP2019)
Wharton Applied Theory Workshop Organizer, Penn (SP2018)

Professional Activities

Editorial Positions

Associate Editor at American Economic Review, 2020 -

Associate Editor at Games and Economic Behavior, February 2020 –
Associate Editor at Theoretical Economics, July 2019-
Associate Editor at Journal of Economic Literature, 2022-

Committee Memberships

Standing Organizing Committee, European Summer Symposium in Economic Theory (ESSET) Gerzensee, 2018–
Scientific Coordinator, European Summer Symposium in Economic Theory (ESSET) Gerzensee, 2021–

Conference Organization

Program Committee, American Economic Association Winter Meetings, January 2025
Program Committee, 7th World Congress of the Game Theory Society (GAMES 2024)
Organizer, ESSET Gerzensee Week 2, July 2023
Organizer, HCEO workshop on New Approaches to Discrimination, June 2021
Organizer, ESSET Gerzensee Week 1, July 2019
Program Committee, Econometric Society Winter Meetings (2019)
Organizing Committee, Stanford Institute for Theoretical Economics (SITE) – Dynamic Games Session (2018)
Pennsylvania Economic Theory Conference, Penn Organizer (2018)

Mentorship

Mentor, Annual CSWEP Mentoring Breakfast for Junior Economists, 2021

Refereeing

American Economic Journal: Microeconomics, American Economic Journal: Policy, American Economic Review, American Economic Review: Insights, American Political Science Review, Econometrica, Economic Journal, Experimental Economics, European Economic Review, Games and Economic Behavior, International Economic Review, International Journal of Game Theory, Journal of Econometrics, Journal of Economic Behavior and Organization, Journal of Economic Theory, Journal of the European Economic Association, Journal of Law, Economics and Organization, Journal of Labor Economics, Journal of Mathematical Economics, Journal of Political Economy, Proceedings of the National Academy of Sciences, Quarterly Journal of Economics, Review of Economic Studies, Review of Economics and Statistics, Social Choice and Welfare, Theoretical Economics

Grant Review

National Science Foundation, Research Grants Council

Visiting Positions

Senior Visiting Fellow, Institute for Behavior and Inequality (briq), U. Bonn, June-July 2019 and June-July 2018
Center for Economic Theory Visitor, Northwestern, Oct 9-13 2017
Visiting Scholar, Economics Dept., Stanford, May 2017
Visiting Assistant Professor of Economics, University of Pittsburgh, Jan - Apr 2017

Cowles Foundation Economic Theory Visitor, Yale, October 2016

Seminars and Conferences

- 2023-24 Seminars (including scheduled): Middlebury, Columbia, LEG Seminar, UCL, LSE, Oxford, Pitt/CMU, Princeton Political Economy, Kellogg Strategy, Stanford
- Conferences (including scheduled): SLMath Connections Workshop: Mathematics and Computer Science of Market and Mechanism Design, CIREQ Montréal Microeconomic Theory Conference, Penn Leonard Davis Institute of Health Economics conference, ASSA Winter Meeting, NYU Women in Economic Theory (discussant), Barriers to Economic Opportunity and Inclusion Workshop hosted by Cleveland Fed and Stone Center, Stony Brook Game Theory Festival (plenary talk)
- 2022-23 Seminars: UIUC, Michigan School of Information, Johns Hopkins, Congressional Budget Office, Microsoft Research, Penn Health Policy, U. Tennessee, UC Santa Barbara, Rochester, Brandeis, Toronto, Princeton, Zurich
- Conferences: ASSA Winter Meeting, Pennsylvania Economic Theory Conference, Discrimination & Diversity Workshop at East Anglia, North American Summer Meetings of the Econometric Society (semi-plenary), ESSET Gerzensee, Stony Brook learning workshop, Becker Friedman Economic Theory Conference
- 2021-22 Seminars: Games Decisions & Networks, Stanford, INSEAD, Sciences Po
- Conferences: SIGEcom winter meeting tutorial, North American Summer Meetings of the Econometric Society (semi-plenary)
- 2020-2021 Seminars: Manchester, NYU Experimental, NYU Theory, New Zealand Economics eSeminar, Essex, Queen Mary University of London, Higher Economic School & New Economic School, Simon Fraser University, Cambridge, Toulouse, Paris CREST, CUHK/HKU/K-HKUST, Oxford
- Conferences: TE Session at ASSA Meetings, Exeter Prize Conference, NBER Behavioral Finance meeting (discussant), Strategic Learning Workshop, Lloyd Shapley Lecture at Games 2021
- 2019-2020 Seminars: University of British Columbia, Harvard Kennedy School, University of Michigan, Stanford, University of Southern California, Haverford, University of Arizona, University College London, London School of Economics, Virtual Market Design Seminar, UK Virtual Seminar in Economic Theory
- Conferences: Stony Brook Conference on Game Theory (semi-plenary), SaMMF Search & Discrimination workshop
- 2018-2019 Seminars: Penn State, Central European University, CERGE-EI, Bocconi, Collegio Carlo Alberto, Ohio State, Harvard/MIT
- Conferences: Minnesota Junior Finance Conference, AEA Winter Meeting, UCSB TEC Behavioral Economics Conference, Gender and the Labor Market Conference (Becker Friedman Institute), Nemmers Prize Conference in Honor of David Kreps (Northwestern), European Behavioral Economics Meeting, briq Summer School in Behavioral Economics

- 2017-2018 Seminars: Boston College, Brown, Carnegie Mellon Tepper, Drexel, Kellogg MEDS, Princeton Theory, Princeton Behavioral, Harvard Behavioral/Experimental, Penn, U. Toronto Rotman, WUSTL Theory, WUSTL Olin Applied, World Bank, Aalto University, Bonn briq, Bonn Theory
- Conferences: Columbia Economic Theory Conference, ASU Theory Conference, AEA Annual Meeting, North American Winter Meetings of the Econometric Society, Caltech Workshop on Information and Social Economics (WISE), Stanford SITE Dynamic Games
- 2016-2017 Seminars: CMU Social & Decision Sciences, CMU Tepper faculty lunch, Northwestern Econ/MEDS, Penn, UCLA, UCSD Econ, UCSD Rady, U. Pittsburgh, World Bank, Yale Econ, Yale Political Science, Yale School of Public Health
- Conferences: Cowles Conference in Economic Theory, ESSET Gerzensee, NYU IO Day, Pennsylvania Economic Theory Conference, SIOE, Stanford SITE Psych & Econ
- 2015-2016 Seminars: Chicago Econ/Booth, Johns Hopkins, Yale
- Conferences: Cowles Conference on Econometrics, Cowles Economic Theory Conference (attended), ESSET Gerzensee, Harvard SPH Causal Inference with Highly Dependent Data Workshop (poster), North American Summer Meetings of the Econometric Society, UCSD Women in Economics Conference
- 2014-2015 Seminars: Duke/UNC Chapel Hill, Georgetown, LSE, Penn, Stanford GSB Econ (lunch talk), Stanford GSB Political Economy, USC
- Conferences: Bonn Workshop on Information Aggregation, Cowles Economic Theory Conference (attended), ESSET Gerzensee, NSF/NBER/CEME Workshop on Mathematical Economics, NSF Information Transmission in Networks Conference, Pennsylvania Economic Theory Conference
- 2013-2014 Seminars: Columbia, Harvard/MIT, Microsoft Research New England, Paris School of Economics, University College London, U. Pittsburgh
- Conferences: Cowles Economic Theory Conference (attended), ESSET Gerzensee (attended), North American Summer Meetings of the Econometric Society, Stanford SITE Session V
- 2012-2013 Seminars: Penn, WUSTL, UT Austin
- Conference: North American Summer Meetings of the Econometric Society
- 2011-2012 Seminars: Berkeley, Boston University, LSE, Minnesota, NYU, Northwestern Econ, Kellogg MEDS, Oxford, Princeton, Stanford GSB, Toulouse, UCLA (lunch talk), UCSD, Penn, Yale SOM
- Conference: North American Summer Meetings of the Econometric Society

Other Professional Experience

Research Assistant, Division of Research, Federal Deposit Insurance Corporation (2004-06)

Personal

Married, two children (Saul, April 2019 and Oran, August 2021)
Citizenship: United States, Bermuda