

J. AISLINN BOHREN

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

Academic Positions

Associate Professor of Economics, University of Pennsylvania, 2019 –

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, Economics Department, 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

NSF Grant SES-1851629, “Learning from Diverse Sources and Models,” with Annie Liang, 2019–2022, \$441,997.

Honors, Fellowships and Awards

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. "Learning with Heterogeneous Misspecified Models: Characterization and Robustness," with Daniel N. Hauser, *Econometrica*, Vol. 89, Issue 6, November 2021, 3025-3077
2. "Persistence in a Dynamic Moral Hazard Game," *Accepted at Theoretical Economics*.
3. "Should Straw Polls be Banned?" with Nageeb Ali, *Games and Economic Behavior*, Vol. 118, November 2019, 284-294.
4. "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.
5. "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.
6. "The Language of Discrimination: Using Experimental versus Observational Data," with Alex Imas and Michael Rosenberg, *American Economic Association (Papers & Proceedings)*, Vol. 108, May 2018, pgs. 169-174.
7. "Informational Herding with Model Misspecification," *Journal of Economic Theory*, Vol. 163, May 2016, pgs. 222-247.

Working Papers

8. "Inaccurate Statistical Discrimination: An Identification Problem," with Kareem Haggag, Alex Imas and Devin Pope. *Revise and Resubmit at Review of Economics and Statistics*
9. "Representing Heuristics as Misspecified Models," with Daniel N. Hauser.
10. "Peer Monitoring with Partial Commitment," with Troy Kravitz.

Work in Progress

11. "Misinterpreting Social Outcomes and Information Campaigns," with Daniel N. Hauser.
12. "Posteriors as Signals in Misspecified Learning Models," with Daniel N. Hauser.

Software

13. "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 Econ 235: Industrial Organization – Technology & E-commerce Markets (Penn)
Econ 101: Intermediate Microeconomics (Penn)

MBA Strategies in Information Markets (CMU)

Graduate Econ 681: Microeconomic Theory (Penn)
Econ 682: Game Theory & Applications (Penn)
Econ 701: Microeconomic Theory (Penn 1st year Ph.D.)
Advanced Topics in Microeconomic Theory: Learning, Information & Dynamic Games (Penn, Pitt, CMU 2nd year Ph.D.)

Advising

Ph.D. Thesis Committee Member (*indicates primary advisor)

Cuimin Ba* (Penn, expected 2023)
Alice Gindin* (Penn, expected 2023)
Nawaaz Khalfan (Penn, expected 2023)
Zach Wojtowicz (CMU 2022, post-doc at Harvard)
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, post-doc at Wharton)
Zenan Wu (Penn 2015, Peking University)

Ph.D. Third Year Paper Advisor, 2015, 2016, 2018, 2020

Undergraduate Independent Study Advisor, 2016

Penn Undergraduate Research Mentor (PURM), 2016

Department Service

Ph.D. Admissions Committee, Penn

Member (AY2012-16, 2017-18, 2019-20, 2021-22)

Co-chair (AY2020-21)

Graduate Executive Committee, Penn (AY2020-21)

Graduate Examinations Committee, Penn (AY2020-21)

Department Chair Search Committee, Penn (AY2017-18, 2020-21)

Faculty Teaching Mentor, Penn (AY2020-21)

Theory Seminar Organizer, Penn (FA2013-18, SP 2020, AY2020-21, 2021-22)

Recruiting Committee, CMU (AY2018-19)

Strategy Seminar Organizer, CMU (SP 2019)

Wharton Applied Theory Workshop Organizer, Penn (SP 2018)

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

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 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 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

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 (2004-2006)

Personal

Citizenship: United States, Bermuda