

AYDIN MOHSENI

curriculum vitae

CONTACT INFORMATION

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RESEARCH AREAS

Areas of Specialization Philosophy of Science, Game & Decision Theory, Formal Social Epistemology, X-Risk & AI Safety
Areas of Competence Philosophy of Statistics, Logic, Philosophy of Evolutionary Biology, Middle Eastern Philosophy

ACADEMIC APPOINTMENTS

CARNEGIE MELLON UNIVERSITY

Assistant Professor, **Department of Philosophy** (2024-)

UNIVERSITY OF PENNSYLVANIA

Senior Research Fellow, **Department of Philosophy** (2022-24)

UNIVERSITY OF PITTSBURGH

Postdoctoral Research Fellow, **The Center for Philosophy of Science** (2021-2022)

EDUCATION

PhD, **Logic and Philosophy of Science** UNIVERSITY OF CALIFORNIA, IRVINE (2021)

Dissertation: Essays on the Social Epistemology of Science

Committee: Cailin O'Connor & Simon Huttegger (co-chairs), Brian Skyrms, Kyle Stanford

MA, **Mathematical Behavioral Science** UNIVERSITY OF CALIFORNIA, IRVINE (2020)

MS, **Logic, Computation, and Methodology** CARNEGIE MELLON UNIVERSITY (2015)

Thesis: The Limitations of Equilibrium Concepts in Evolutionary Game Theory

Committee: Kevin Zollman (chair) & Teddy Seidenfeld

BFA, **Interactive Media** MINNEAPOLIS COLLEGE OF ART AND DESIGN (2007)

PEER-REVIEWED CONTRIBUTIONS

- A7 **Mohseni, A.** (*forthcoming*) “Methods for Modeling Science.” in *Philosophy of Science: A User’s Guide*. Adrian Curiey & Sophie Juliane Veigl eds. Oxford University Press.
- A6 **Mohseni, A.**, O’Connor, C., & J. Weatherall (*forthcoming*) “The Best Paper You’ll Read Today: Media Biases and the Public Understanding of Science.” *Philosophical Topics*.
- A5 LaCroix, T. & **A. Mohseni** (2022) “The Tragedy of the AI Commons.” *Synthese*, 200(4), 289.
- A4 **Mohseni, A.**, & C. Williams (2020) “Truth and Conformity on Networks.” *Erkenntnis* 86(6), 1509-1530.
- A3 **Mohseni, A.**, O’Connor, C., & H. Rubin (2019) “On the Emergence of Minority Disadvantage: Testing the Red King Hypothesis.” *Synthese*, 198(2), 5599–5621.
- A2 Barrett, J., Skyrms, B., & **A. Mohseni** (2019). “Self-Assembling Networks.” *British Journal of Philosophy of Science*, 70(2), 301–325.
- A1 **Mohseni, A.** (2019). “Stochastic Stability and Disagreements Between Dynamics.” *Philosophy of Science*, 86(3), 497-521.

UNDER REVIEW († ≡ revise & resubmit.)

- R4 **Mohseni, A.**, D. Herrmann, & G. A. Orona. “Why are the Human Sciences Hard? Two New Hypotheses.”
- R3 **Mohseni, A.** “HARKing: from Misunderstanding to Misprescription” †
- R2 **Mohseni, A.** “Intervention and Backfire in the Replication Crisis”
- R1 **Mohseni, A.** “Limitations of Equilibrium Concepts in Evolutionary Games”

WORKS IN PROGRESS (‡ ≡ commissioned article.)

- W6 **Mohseni, A.**, & L. G. Demo. “AI Alignment as a Principal-Agent Problem.”
- W5 **Mohseni, A.** “The role of modeling in improving science.” *Philosophy Compass*. ‡
- W4 **Mohseni, A.** “Goodman’s Riddle & the Replicability of Interaction Effects”
- W3 **Mohseni, A.** “Changing Scientific Norms: Epistemic Trade-Offs from Classical and Bayesian Perspectives”
- W2 Stanford, K. & **A. Mohseni** “Cooperation and Folk Moral Relativism”
- W1 **Mohseni, A.** “Stochasticity and Intermediate Regimes”

RESEARCH PRESENTATIONS († ≡ invited; ‡ ≡ commenter.)

- P9 “AI Alignment as a Principal-Agent Problem”
Philosophy of Science Meets Machine Learning Conference · Tübingen 2024
 † *ILIAD Conference* · Berkeley 2024
- P8 “Why are the Social Sciences Hard? Two New Hypotheses”
Ninth Quadrennial Fellows Conference · Miami 2024
Formal and Experimental Philosophy Workshop · Pittsburgh 2023
CLMPST: Science and Values in an Uncertain World · Buenos Aires 2023
- P7 “HARKing: from Misunderstanding to Misprescription”
 † *Scientific Progress: Individual and Collective* · Amsterdam 2022
Society for Philosophy and Psychology Annual Meeting · Virtual 2021
 † *Center for Philosophy of Science, Lunch Time Talk* · Pittsburgh 2021
ANPOSS/ENPOSS/POSS-RT Joint Conference · Tokyo 2021
- P6 “Intervention and Backfire in the Replication Crisis”
Philosophy of Science Association Biennial · Baltimore 2021
Society for Philosophy of Science in Practice Biennial · Lansing 2020
 † *Public Choice Society Annual Meeting* · Newport Beach 2020
Philosophy of Social Science Round Table · Atlanta 2020
12th Munich-Sydney-Tilburg/Turin (MuST) Conference in Philosophy of Science · Munich 2019
- P5 “On the Emergence of Minority Disadvantage”
 † *APA: Central Division Meeting* · Denver 2019
APA: Pacific Division Meeting · Vancouver 2019
Agent-Based Models in Philosophy Conference · Bochum 2019
 † *Philosophy, Politics & Economics Society Meeting* · New Orleans 2019
 † *Philosophy and Complex Systems Seminar* · Moscow 2018
- P4 “Truth and Conformity on Networks”
Philosophy of Science Association Biennial · Seattle 2018
Computational Modeling in Philosophy Conference · Munich 2018
 † *Formal Social Epistemology Workshop* · Irvine 2018
IMBS R. D. Luce Conference · Irvine 2017
- P3 “Stochastic Stability and Disagreements Between Dynamics”
Generalized Theory of Evolution Conference · Düsseldorf 2018
Infinite Idealizations in Science Conference · Munich 2017
- P2 “Self-Assembling Networks”
IMBS R. D. Luce Conference · Irvine 2015
- P1 “Limitations of Equilibrium Concepts in Evolutionary Games”
International Society for History, Philosophy & Social Studies of Biology Biennial Meeting · Montreal 2015
Decisions, Games and Logic Conference · London 2015

AWARDS & FELLOWSHIPS

UCI School of Social Sciences Outstanding Scholar Award · 2020
Christian Werner Research Fellowship · 2020
NSF Graduate Research Assistantship (Grant 1922424 for “Consensus, Democracy, and the Public Understanding of Science”; PIs Cailin O’Connor & James Weatherall) · 2019
NSF Graduate Research Assistantship (Grant 1535139 for “Social Dynamics and Epistemic Communities”; PI Cailin O’Connor) · 2016-2019
UCI DTEI Pedagogical Fellowship · 2019
IMBS Summer Research Fellowship · 2018
UCI Associate Dean Fellowship · 2018
UCI School of Social Science Merit Scholarships · 2015-2020

TEACHING EXPERIENCE

Game Theory, AI & X-Risk	UPenn	Spring 2024
Introduction to Logic	UPenn	Spring 2024
Introduction to Philosophy	UPenn	Spring 2023
Metaphysics & Epistemology	UPenn	Spring 2023
Topics in Philosophy of Science	UPenn	Fall 2022, Fall 2023
Introduction to Philosophy of Science	UPenn	Fall 2022, Fall 2023
Making Modern Science	UCI	Fall 2020
Introduction to Inductive Logic	UCI	Summer 2020

TEACHING TRAINING

UCI DTEI Mentoring Excellence Program workshops · 2020
Mentoring Across Differences · Spring 2020
Balancing Academics and Wellness · Winter 2020
UCI DTEI Certificate of Teaching Excellence · 2019
UCI DTEI Certificate of Course Design · 2018
UCI course in advanced course design: Uni Stu 390Z · 2020
UCI courses in pedagogy: Uni Stu 390X, S90A, 390B, and 390C · 2018-19
UCI Diversity and Inclusion in the Classroom workshops · 2019-20
Inclusive Course Design Workshop · Winter 2020
Inclusive Classroom Practices and Pedagogies Workshop · Spring 2019
Enhancing Diversity and Equitable Inclusion Workshop · Fall 2019

PROFESSIONAL SERVICE

Referee (Journals) · Philosophy of Science, The British Journal for the Philosophy of Science, The European Journal for the Philosophy of Science, Studies in History and Philosophy of Science C: Studies in History and Philosophy of Biological and Biomedical Sciences, Synthese, Theoria, American Philosophical Quarterly

Referee (Books) · Pittsburgh University Press

Referee (Conferences) · Formal Epistemology Workshop (2020), Agent Based Models in Philosophy (Summer 2023, Spring 2019), PSA Poster Committee (2022)

Workshop Designer and Presenter · Twelve-hour TA Professional Development Program workshop for philosophy grad students (Fall 2019), two-hour workshops on diversity & inclusion for graduate students in the school of social sciences (Winter 2020, Spring 2020)

Organizer · Philosophy of Science Association Symposium Panel on “Modeling the Social Structure of Science” (Fall 2021)

Program Facilitator · LPS Summer Diversity Workshop (Summer 2020), 17th Annual Formal Epistemology Workshop (Spring 2020), Formal Social Epistemology Workshop (Spring 2018), Philosophy of Machine Learning Conference (Spring 2018), Medical Knowledge in a Social World Conference (Spring 2016)

Public Outreach Volunteer · Public Philosophy Booth, Long Beach Farmer’s Market (2020), Center for Open Science Ambassador

PROFESSIONAL SOCIETIES

Center for Open Science (Ambassador)

Philosophy of Science Association

American Philosophical Association