

AYDIN MOHSENI

curriculum vitae

CONTACT INFORMATION

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INTERESTS

AOS Philosophy of Science, Game & Decision Theory, Social Epistemology

AOC Logic, Philosophy of Biology and Economics, Philosophy of Statistics

EDUCATION

PhD 2020 UNIVERSITY OF CALIFORNIA, IRVINE (UCI)
(Expected) **Logic and Philosophy of Science**
Dissertation: *Crisis & Intervention: Social Epistemology of the Credibility Crisis in the Social and Life Sciences*
Committee: Simon Huttegger and Cailin O'Connor (co-chairs),
Brian Skyrms, Kyle Stanford, and Marek Kaminski

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

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

PEER-REVIEWED ARTICLES

- A3 Mohseni, A., O'Connor, C., & H. Rubin (forthcoming) "On the Emergence of Minority Disadvantage: Testing the Red King Hypothesis," *Synthese*.
- A2 Mohseni, A. (2019) "Stochastic Stability and Disagreements Between Dynamics," *Philosophy of Science*, 86:497-521.
- A1 Barrett, J., Skyrms, B., & A. Mohseni (2019) "Self-Assembling Games," *British Journal of Philosophy of Science*, 70:301-325.

ARTICLES UNDER REVIEW

- U2 Mohseni, A., & C. Williams “Truth and Conformity on Networks”
U1 Mohseni, A. “Limitations of Equilibrium Concepts in Evolutionary Games”

WORKING PAPERS

- W5 Stanford, K., & A. Mohseni “Cooperation and Folk Moral Relativism”
W4 Mohseni, A., & S. Huttegger “Are Nash Equilibria Rational?”
W3 Mohseni, A. “Reporting, Bias, and Belief Distortion”
W2 Mohseni, A. “Stochasticity and Intermediate Regimes”
W1 Mohseni, A. “Negative Selection and Intervention in the Replication Crisis”

PRESENTATIONS († ≡ invited, ‡ ≡ commenter, * ≡ poster)

- P7 *Negative Selection and Intervention in the Replication Crisis*
†Public Choice Society Annual Meetings · Newport Beach 2020
Statistical Reasoning and Scientific Error · Munich 2019
- P6 *On the Emergence of Minority Disadvantage*
APA: Pacific Division Meeting · Vancouver 2019
†APA: Central Division Meeting · Denver 2019
Agent-Based Models in Philosophy · Bochum 2019
†Philosophy, Politics & Economics Society Meeting · New Orleans 2019
†Philosophy and Complex Systems Seminar · Moscow, ID 2018
- P5 ‡ *Ungrounded Payoffs*
†Formal Epistemology Workshop · Toronto 2018
- P4 *Truth and Conformity on Networks*
Philosophy of Science Association Biennial · Seattle 2018
†Formal Social Epistemology Workshop · Irvine 2018
Computational Modeling in Philosophy · Munich 2018
IMBS Luce Graduate Student Conference · Irvine 2017
- P3 *Stochastic Stability and Disagreements Between Dynamics*
Generalized Theory of Evolution Conference · Dusseldörf 2018
Infinite Idealizations in Science · Munich 2017
*Philosophy of Science Association Biennial · Atlanta 2016
*The Extension of Biology Through Culture · Irvine 2016
IMBS Luce Graduate Student Conference · Irvine 2016
- P2 *Self-Assembling Games*
IMBS Luce Graduate Student Conference · Irvine 2015
- P1 *Limitations of Equilibrium Concepts in Evolutionary Games*
Int Soc Hist, Phil & Soc Stu of Biology · Montreal 2015
Decisions, Games and Logic · London 2015

AWARDS & FELLOWSHIPS

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 Pedagogical Fellowship · 2019
UCI Certificate of Teaching Excellence · 2019
CIRTL Certificate of Inclusive Pedagogy · 2019
UCI Course Design Certificate · 2018
IMBS Summer Research Fellowship · 2018
UCI Associate Dean Fellowship · 2018
UCI Summer Research Fellowships · 2015-2020
UCI School of Social Science Merit Scholarships · 2015-2020
CMU Merit Scholarships · 2013-2015
MCAD Merit Scholarships · 2003-2007

TEACHING EXPERIENCE

Voting Theory	Guest Lecturer	UCI	Winter 2019
Interm Macro Economics	Teaching Assistant	UCI	Spring 2018
Bayesian Epistemology	Guest Lecturer	UCI	Winter 2018
Interm Statistics	Teaching Assistant	UCI	Fall 2018
Intro to Game Theory	Teaching Assistant	UCI	Winter 2017
Intro to Inductive Logic	Teaching Assistant	UCI	Spring 2016
Philosophy of Biology	Teaching Assistant	UCI	Winter 2016
Intro to Logic	Grader	CMU	Summer 2015
Web Design	Instructor	MCAD	Spring 2013
Adv Programming	Instructor	MCAD	Fall 2012

PROFESSIONAL SERVICE

Referee (Journals): Philosophy of Science, The British 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
Referee (Conferences): Agent Based Models in Philosophy (2019)
Referee (Books): Pittsburgh University Press
Program Designer, Coordinator, and Presenter: UCI School of Social Sciences graduate student diversity training workshop (2019), TA Professional Development Program (TAPDAP) two-day workshop for Logic and Philosophy of Science Graduate Students (Fall 2019)

Volunteer contributor: Formal Social Epistemology Workshop (2018),
Philosophy of Machine Learning Conference (2018), Medical Knowledge in a
Social World Conference (2016)

LANGUAGES

English (native) primary language of education

Persian (native) fluent oral skills, 4 years writing instruction

Moroccan Arabic (advanced) certified proficiency, 2 years living in Morocco

TECHNICAL SKILLS

Mathematics · Measure Theory, Real Analysis, Stochastic Processes,
Probability Theory, (Bayesian & Classical) Statistics, Machine Learning,
Linear Algebra, Differential Equations, Multivariate Calculus

Logic · Set Theory, Computability Theory, Modal Logic, Predicate Logic

Programming · Python, R, Shiny, Processing, Lingo

Computation · Mathematica, MATLAB, NetLogo, Excel

Experiment Design · Amazon Turk, oTree, zTree, Qualtrics

Markup · L^AT_EX, XML, CSS & HTML

PROFESSIONAL AFFILIATIONS

Minorities and Philosophy

Philosophy of Science Association

Int Soc for Hist, Phil, and Soc Stud of Biology

Philosophy, Politics, and Economics Society

American Philosophical Association

COMMITTEE REFERENCES

Dr. Simon Huttegger

Professor of Logic and Philosophy of Science
University of California, Irvine
shuttegg@uci.edu

Dr. Marek Kaminski

Associate Professor of Political Sciences
University of California, Irvine
stanford@uci.edu

Dr. Cailin O'Connor

Associate Professor of Logic and Philosophy of Science
University of California, Irvine
cailino@uci.edu

Dr. Brian Skryms

Distinguished Professor of Logic and Philosophy of Science
University of California, Irvine
cailino@uci.edu

Dr. Kyle Stanford

Professor of Logic and Philosophy of Science
University of California, Irvine
stanford@uci.edu

EXTERNAL REFERENCES

Dr. Bert Baumgaertner

Associate Professor of Philosophy
University of Idaho
bbaum@uidaho.edu

Dr. Kevin Zollman

Associate Professor of Philosophy
Carnegie Mellon University
kzollman@andrew.cmu.edu

SELECTED GRADUATE COURSEWORK († ≡ directed study, * ≡ audited)

<i>Game & Decision Theory and Rational Choice</i>	Game Theory	T. Seidenfeld	CMU	2014
	Foundations of Game Theory†	T. Seidenfeld	UCI	2014
	Evolutionary Game Theory†	K. Zollman	UCI	2014
	Advanced Game Theory	J. Carvallo	UCI	2017
	Rationality and Nash†	S. Huttegger	UCI	2016
	Self-Assembling Games†	J. Barrett	UCI	2015
	Algorithms, Games & Networks*	A. Procaccia	CMU	2015
	Experimental Applications of Games†	C. O'Connor	UCI	2015
	Utilitarianism & Measurement Theory	B. Skyrms & L. Narens	UCI	2019
<i>Philosophy of Science</i>	Philosophy of Science	J. Norton	PITT	2014
	Scientific Representation & Explanation	K. Waters	UMN	2013
	Scientific Realism & Antirealism	K. Stanford	UCI	2017
	Kant's Philosophy of Science	J. Heis	UCI	2018
	Social Epistemology of Science	C. O'Connor	UCI	2016
	Philosophy of Modeling	C. O'Connor	UCI	2018
	Conscious Systems	K. Saberi	UCI	2018
	Information Theory	C. O'Connor	UCI	2017
	Probability & Determinism	J. Manchak	UCI	2018
	Foundations of Quantum Mechanics	J. Barrett	UCI	2018
<i>Philosophy of Economics and Philosophy of Biology</i>	Experimental Economics	J. Duffy	UCI	2016
	Economics of Identity and Culture*	J. Carvallo	UCI	2018
	Social Dynamics	B. Skyrms	UCI	2015
	Evolution of Morality	K. Stanford	UCI	2016
	Evolution of Thinking*	K. Stanford	UCI	2018
	Cultural Evolution	W. Wimsatt	UMN	2013
	Ecology and Evolutionary Biology*	S. Frank	UCI	2015
	Mathematical Computational Biology	F. Wan	UCI	2015
	Philosophy of Genetics	K. Schaffner	PITT	2015
<i>Philosophy of Logic and Logic</i>	Philosophy of Logic	R. Cook	UMN	2012
	Wittgenstein's Philosophy of Logic I	P. Maddy	UCI	2018
	Wittgenstein's Philosophy of Logic II	P. Maddy	UCI	2019
	Incompleteness and Undecidability	C. Roux	CMU	2014
	Advanced Symbolic Logic	R. Cook	UMN	2012
	Formal Logic	J. Avigad	CMU	2013
	Set Theory	S. Walsh	UCI	2016
	Formal Methods	K. Kelly & K. Zollman	CMU	2014
	Introduction to Formal Methods	T. Seidenfeld & P. Spirtes	CMU	2013
<i>Philosophy of Statistics and Statistics</i>	Philosophy of Statistics	S. Huttegger	UCI	2018
	Bayesian Epistemology	S. Huttegger	UCI	2018
	Chance	B. Skyrms	UCI	2017
	Measure Theory*	K. Krupchyk	UCI	2017
	Foundations of Analysis	J. Rogness	UMN	2013
	Probabilistic Learning	P. Smyth	UCI	2017
	Intermediate Probability & Statistics	Y. Yu	UCI	2016
	Probability Models and Stochastic Processes	J. Jin	CMU	2016