

# AYDIN MOHSENI

## *curriculum vitae*

### CONTACT INFORMATION

*address* Department of Logic and Philosophy of Science  
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Irvine, CA 92697-5100

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*citizenship* United States

*last updated:* October 8, 2019

### EDUCATION

<i>PhD</i>	<i>2020</i> (Expected)	UNIVERSITY OF CALIFORNIA, IRVINE <b>Logic and Philosophy of Science</b> Dissertation: <i>Crisis &amp; Intervention: Social Epistemology of the Replication Crisis in the Social and Life Sciences</i> Committee: Simon Huttegger and Cailin O'Connor (co-chairs), Brian Skyrms, Kyle Stanford, and Marek Kaminski
<i>MS</i>	<i>2015</i>	CARNEGIE MELLON UNIVERSITY <b>Logic, Computation, and Methodology</b>
<i>BFA</i>	<i>2007</i>	MINNEAPOLIS COLLEGE OF ART AND DESIGN <b>Interactive Media</b>

### PEER-REVIEWED ARTICLES

- A4 **Mohseni, A.**, & C. Williams (forthcoming) "Truth and Conformity on Networks" *Erkenntnis*.
- A3 **Mohseni, A.**, O'Connor, C., & H. Rubin (forthcoming) "On the Emergence of Minority Disadvantage: Testing the Red King Hypothesis," *Synthese*.
- A2 Barrett, J., Skyrms, B., & **A. Mohseni** (2019) "Self-Assembling Games," *British Journal of Philosophy of Science*, 70:301–325.
- A1 **Mohseni, A.** (2019) "Stochastic Stability and Disagreements Between Dynamics," *Philosophy of Science*, 86:497–521.

MANUSCRIPTS IN PREPARATION (Drafts available upon request.)

- M6 Stanford, K., & A. Mohseni “Cooperation and Folk Moral Relativism”
- M5 Mohseni, A., & S. Huttegger “Are Nash Equilibria Rational?”
- M4 Mohseni, A. & C. O’Connor “Reporting, Bias, and Belief Distortion”
- M3 Mohseni, A. “Stochasticity and Intermediate Regimes”
- M2 Mohseni, A. “Limitations of Equilibrium Concepts in Evolutionary Games”
- M1 Mohseni, A. “Negative Selection and Intervention in the Replication Crisis”

CONFERENCE PRESENTATIONS († ≡ invited; ‡ ≡ commenter; \* ≡ poster.)

- P7 *Negative Selection and Intervention in the Replication Crisis*  
 †Public Choice Society Annual Meeting · 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

Game Theory for Poli Sci	Teaching Assistant	UCI	Spring 2019
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 (Books)* · Pittsburgh University Press

*Referee (Conferences)* · Agent Based Models in Philosophy (2019)

*Workshop Designer and Presenter* · UCI School of Social Sciences graduate student diversity training workshop (2019), TA Professional Development Program (TAPDP) two-day workshop for philosophy and logic and philosophy of science graduate students (2019)

*Volunteer Facilitator* · 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* · 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

*Scientific Computing* · Mathematica, MATLAB, NetLogo, Excel

*Experiment Design* · oTree, zTree, Amazon Turk, Qualtrics

*Markup* · L<sup>A</sup>T<sub>E</sub>X, XML, CSS & HTML

#### PROFESSIONAL AFFILIATIONS

Philosophy of Science Association

American Philosophical Association

Philosophy, Politics, and Economics Society

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

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  
marek.kaminski@uci.edu

*Dr. Cailin O'Connor*

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

*Dr. Brian Skyrms*

Distinguished Professor of Logic and Philosophy of Science  
University of California, Irvine  
bskyrms@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. Daniel Mann* (Teaching reference)

Director of Grad Student & Postdoc Scholar Instructional Development  
University of California, Irvine  
dmann@uci.edu

*Dr. Kevin Zollman*

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

SELECTED GRADUATE COURSEWORK († ≡ directed study; \* ≡ audited.)

<i>Game &amp; 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
	Evolution of Signals	B. Skyrms	UCI	2019
	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 Undecideability	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