

# AYDIN MOHSENI

## *curriculum vitae*

### CONTACT INFORMATION

*address* Department of Logic and Philosophy of Science  
University of California, Irvine  
3151 Social Science Plaza A  
Irvine, CA 92697-5100

*phone* +1 (612) 708 4598

*email* [amohseni@uci.edu](mailto:amohseni@uci.edu)

*website* [www.aydinmohseni.com](http://www.aydinmohseni.com)

*citizenship* United States

### RESEARCH INTERESTS

*AOS* Philosophy of Science, (Formal, Social) Epistemology

*AOC* Philosophy of Statistics, Philosophy of Biology, Middle Eastern Philosophy

### EDUCATION

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

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

*BFA* 2007 MINNEAPOLIS COLLEGE OF ART AND DESIGN  
**Interactive Media**

### PUBLICATIONS

- 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 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.

WORKS IN PROGRESS (Drafts available upon request.)

- W8 LaCroix, T. & **A. Mohseni** “Tragedy of the AI Commons”
- W7 Stanford, K. & **A. Mohseni** “Cooperation and Folk Moral Relativism”
- W6 **Mohseni, A.** & S. Huttegger “Are Nash Equilibria Rational?”
- W5 **Mohseni, A.** & C. O’Connor “Reporting, Bias, and Belief Distortion”
- W4 **Mohseni, A.** “Stochasticity and Intermediate Regimes”
- W3 **Mohseni, A.** “Limitations of Equilibrium Concepts in Evolutionary Games”
- W2 **Mohseni, A.** “HARKing: From Misdiagnosis to Misprescription”
- W1 **Mohseni, A.** “Intervention and Backfire in the Replication Crisis”

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

- P7 “Intervention and Backfire in the Replication Crisis”  
**Philosophy of Science Association Biennial** · Baltimore 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
- P6 “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
- P5 ‡ “Ungrounded Payoffs”  
†**Formal Epistemology Workshop** · Toronto 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 Luce Graduate Student Conference** · Irvine 2017

- P3 “Stochastic Stability and Disagreements Between Dynamics”  
**Generalized Theory of Evolution Conference** · Dusseldorf 2018  
**Infinite Idealizations in Science Conference** · Munich 2017  
**\*Philosophy of Science Association Biennial** · Atlanta 2016  
**\*PNAS: The Extension of Biology Through Culture** · Irvine 2016  
**IMBS Luce Graduate Student Conference** · Irvine 2016
- P2 “Self-Assembling Networks”  
**IMBS Luce Graduate Student 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

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 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

Interm Statistics	Teaching Assistant	UCI	Winter 2020
Game Theory & Politics	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 2017
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
Web Development	Instructor	MCAD	Fall 2012

#### TEACHING TRAINING

UCI courses on pedagogy: Uni Stu 390X, S90A, 390B, and 390C · 2018-19  
UCI DTEI Certificate of Teaching Excellence · 2019  
UCI DTEI Certificate of Course Design · 2018  
UCI Diversity and Inclusion in the Classroom Workshop Series · 2019-20  
    Inclusive Course Design Workshop · Winter 2020  
    Inclusive Classroom Practices and Pedagogies Workshop · Spring 2019  
    Enhancing Diversity and Equitable Inclusion Workshop · Fall 2019  
UCI Teaching Assistant Professional Development Program · 2015

#### 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, American Philosophical Quarterly  
*Referee (Books)* · Pittsburgh University Press  
*Referee (Conferences)* · Agent Based Models in Philosophy (Spring 2019)  
*Workshop Designer and Presenter* · UCI School of Social Sciences workshop on diversity & inclusion (Winter 2020), 12-hour TA Professional Development Program workshop for philosophy grad students (Fall 2019)  
*Organizer* · Philosophy of Science Association Symposium Panel on “Modeling the Social Structure of Science” (Fall 2020)  
*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)

#### LANGUAGES

*English* (fluent) primary language of education  
*Persian* (native) fluent oral skills, 4 years writing instruction  
*Moroccan Arabic* (advanced) certified proficiency, 2 years living in Morocco

#### AFFILIATIONS

Philosophy of Science Association  
International Society for History, Philosophy, and Social Studies 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. 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>Philosophy of Science and Epistemology</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>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 Statistics and Statistics</i>	Philosophy of Statistics	S. Huttegger	UCI	2018
	Bayesian Data Analysis*	M. Guindani	UCI	2019
	Bayesian Epistemology	S. Huttegger	UCI	2018
	Bayesian Statistics	B. Shahbaba	UCI	2019
	Chance	B. Skyrms	UCI	2017
	Measure Theory*	K. Krupchyk	UCI	2017
	Foundations of Analysis	J. Rogness	UMN	2013
	Intermediate Probability & Statistics	Y. Yu	UCI	2016
	Probabilistic Machine Learning	P. Smyth	UCI	2017
	Stochastic Processes	J. Jin	CMU	2016
<i>Philosophy of Biology and Philosophy of Economics</i>	Evolution of Morality	K. Stanford	UCI	2016
	Evolution of Cognition*	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
	Experimental Economics	J. Duffy	UCI	2016
	Economics of Identity and Culture*	J. Carvallo	UCI	2018
	Social Dynamics	B. Skyrms	UCI	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
	Undecideability and Incompleteness	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