

# 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

### INTERESTS

*AOS* Game & Decision Theory, Philosophy of Science

*AOC* Logic, Philosophy of Biology, Philosophy of Economics

### EDUCATION

*PhD* 2015-2020 UNIVERSITY OF CALIFORNIA, IRVINE (UCI)  
**Logic and Philosophy of Science**

*MS* 2013-2015 CARNEGIE MELLON UNIVERSITY (CMU)  
**Logic, Computation, and Methodology**

*BFA* 2003-2007 MINNEAPOLIS COLLEGE OF ART AND DESIGN (MCAD)  
**Interactive Media**

### ARTICLES

- A8 Mohseni, A. (forthcoming) “Stochastic Stability and Disagreements Between Dynamics” *Philosophy of Science*
- A7 Barrett, J., Skyrms, B., & A. Mohseni (forthcoming) “Self-Assembling Games.” *British Journal of Philosophy of Science*
- A6 Mohseni, A., & C. Williams (under review) “Truth and Conformity on Networks”

- A5 Mohseni, A. (under review) “Limitations of Equilibrium Concepts in Evolutionary Games”
- A4 Mohseni, A., O’Connor, C., & H. Rubin (under review) “On the Emergence of Minority Disadvantage: Testing the Red King Hypothesis”
- A3 Mohseni, A., & S. Huttegger (working paper) “Are Nash Equilibria Rational?”
- A2 Stanford, K., & A. Mohseni (working paper) “Cooperation and Folk Moral Relativism”
- A1 Mohseni, A. (working paper) “Reporting, Bias, and Belief Distortion”

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

- P6 *On the Emergence of Minority Disadvantage*  
 †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 Research Assistantship · 2016-2018
- IMBS Summer Research Fellowship · 2018
- UCI Associate Dean Fellowship · 2018

UCI Summer Research Fellowships · 2015-2020  
UCI Course Design Certificate · 2017  
UCI Merit Scholarships · 2015-2020  
CMU Merit Scholarships · 2013-2015  
MCAD Merit Scholarships · 2003-2007

#### TEACHING EXPERIENCE

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 LANGUAGES & SKILLS

*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  
*Mathematics* · Measure Theory, Real Analysis, Stochastic Processes,  
Probability Theory, 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<sup>A</sup>T<sub>E</sub>X, XML, CSS & HTML

#### PROFESSIONAL SERVICE

Referee: *Philosophy of Science*  
Committee member: Agent Based Models in Philosophy (2019)  
Volunteer participant: Formal Social Epistemology Workshop (2018)  
Volunteer participant: Philosophy of Machine Learning Conference (2018)  
Graduate student representative: Minorities and Philosophy (2015–2017)

Volunteer organizer: Medical Knowledge in a Social World (2016)

Volunteer lecturer: Graduate student career day (2016)

PROFESSIONAL AFFILIATIONS

Minorities and Philosophy

Philosophy of Science Association

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

REFERENCES

*Bert Baumgaertner*

Associate Professor of Philosophy

University of Idaho

bbaum@uidaho.edu

*Simon Huttegger*

Professor of Logic and Philosophy of Science

University of California, Irvine

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*Cailin O'Connor*

Associate Professor of Logic and Philosophy of Science

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*Brian Skyrms*

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*Kyle Stanford*

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*Kevin Zollman*

Associate Professor of Philosophy

Carnegie Mellon University

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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. Carvalho	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	
	Philosophy of Statistics	S. Huttegger	UCI	2018	
	Bayesian Epistemology	S. Huttegger	UCI	2018	
	Chance	B. Skyrms	UCI	2017	
	<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. Carvalho	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	P. Maddy	UCI	2018	
	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 Maths and Maths</i>	Foundations of Analysis	J. Rogness	UMN	2013	
	Measure Theory*	K. Krupchyk	UCI	2017	
	Probabilistic Learning	P. Smyth	UCI	2017	
	Probability Models and Stochastic Processes	J. Jin	CMU	2016	
	Intermediate Probability & Statistics	Y. Yu	UCI	2016	
	Linear Algebra & Differential Equations	D. Morrissey	UMN	2012	
Multivariable Calculus	J. Benson	UMN	2012		

*Last updated: October 29, 2018*