

AYDIN MOHSENI

curriculum vitae

CONTACT INFORMATION

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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

- A7 Mohseni, A. (2019) "Stochastic Stability and Disagreements Between Dynamics" *Philosophy of Science*
- A6 Barrett, J., Skyrms, B., & A. Mohseni (2018) "Self-Assembling Games." *British Journal of Philosophy of Science*
- A5 Mohseni, A., & C. Williams (under review) "Truth and Conformity on Networks"

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

PRESENTATIONS

- P5 *On the Emergence of Minority Disadvantage: Testing the Red King Effect*
(Invited) Philosophy and Complex Systems Seminar · Moscow, ID 2018
- P5 *Ungrounded Payoffs*
(Invited Commenter) Formal Epistemology Workshop · Toronto 2018
- P4 *Truth and Conformity on Networks*
Philosophy of Science Association Biennial · Seattle 2018
(Invited) 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
(Poster) Philosophy of Science Association Biennial · Atlanta 2016
(Poster) 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
Experimentation · Amazon Turk, oTree, zTree
Markup · \LaTeX , XML, CSS & HTML

PROFESSIONAL SERVICE

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

Professor of Logic and Philosophy of Science
University of California, Irvine
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Cailin O'Connor

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Brian Skyrms

Distinguished Professor of Logic and Philosophy of Science
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Kyle Stanford

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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
	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
	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
	Philosophy of Genetics	K. Schaffner	PITT	2015
	Evolution of Morality	K. Stanford	UCI	2016
	Social Dynamics	B. Skyrms	UCI	2015
	Cultural Evolution	W. Wimsatt	UMN	2013
	Ecology and Evolutionary Biology*	S. Frank	UCI	2015
	Mathematical Computational Biology	F. Wan	UCI	2015
<i>Philosophy of Logic and Logic</i>	Philosophy of Logic	R. Cook	UMN	2012
	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: September 30, 2018