

Boris Babic

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last update: November 2019

Academic Appointments

Assistant Professor of Decision Sciences, INSEAD (France and Singapore)	2019-
Postdoctoral Scholar, California Institute of Technology	2017-2019

Education

PhD in Philosophy, University of Michigan, Ann Arbor <i>Dissertation Title:</i> Foundations of Epistemic Risk <i>Committee:</i> James Joyce (Chair), Peter Railton, Brian Weatherson, Rich Gonzalez (Statistics/ Psychology)	2013-2017
MS in Statistics, University of Michigan, Ann Arbor	2015-2017
JD, <i>cum laude</i> , Harvard Law School	2007-2010
BA, <i>summa cum laude</i> , York University	2003-2007

Areas of Specialization and Competence

AOS: Philosophy of Science (esp. Statistics), Law & Ethics of Data Science
AOC: Decision & Game Theory, Ethics, History of Analytic Philosophy

Publications

1. A Theory of Epistemic Risk, <i>Philosophy of Science</i> 86(3), pgs. 522-550	2019
2. Moral Obligation & Epistemic Risk, <i>Oxford Studies in Normative Ethics</i> Vol. 10 with Zoë Johnson-King	2019
3. Algorithms on Regulatory Lockdown, forthcoming in <i>Science</i> with I. Glenn Cohen, Theodoros Evgeniou, and Sara Gerke	2019

In Progress

4. Regulating Artificial Intelligence/Machine Learning-Based Software as a Medical Device 2nd R&R at <i>Nature Digital Medicine</i> with I. Glenn Cohen, Theodoros Evgeniou, and Sara Gerke	
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5. Approximate Coherentism and Luck, under review

In Preparation

6. A Lockean Theory of Fair Machine Learning
with Zoë Johnson-King

7. Accuracy Foundations of Reverse Bayesianism
with Simon Huttegger

Presentations

“Algorithmic Discrimination and Epistemic Risk”

London School of Economics (February 2019)

INSEAD (February 2019)

California Institute of Technology (January 2019)

“Moral Obligation and Epistemic Risk”

Arizona Workshop in Normative Ethics (January 2019)

“A Challenge for Approximate Coherentism”

University of Colorado, Boulder, 34th Conf. on Chance and Probability (October 2018)

“Testing for Discrimination and the Risk of Error”

The Australian National University (July 2018)

“Dynamic Epistemic Risk”

University of California, Irvine (February 2018)

California Institute of Technology (January 2018)

“Generalized Entropy and Epistemic Risk”

University of Michigan, Philosophy of Science Colloquium (February 2018)

London School of Economics, Philosophy of Probability Conference (June 2017)

University of Chicago, Graduate Conference (April 2016)

“Frequency Encoding Credences”

London School of Economics, Decisions, Games and Logic Workshop (June 2015)

Comment on Elisabeth Camp, “Whence and Wherefore Semantics”

University of Michigan, Spring Colloquium (March 2015)

“Degrees of Belief, Moral Judgment, and Legal Responsibility”

Harvard Legal Philosophy Colloquium (November 2014)

Fellowships & Awards (Selected)

Doctoral Fellowship (\$60,000) <i>Social Sciences and Humanities Research Council of Canada</i>	2015-2018
Rackham Dissertation Fellowship (\$10,200) <i>University of Michigan, Ann Arbor</i>	2017
Rackham Research Grant (\$3,000) <i>University of Michigan, Ann Arbor</i>	2017
Weinberg Summer Fellowship (\$4,000) <i>University of Michigan, Ann Arbor</i>	Summer 2015
Phi Kappa Phi honor society <i>University of Michigan, Ann Arbor</i>	April 2015
Mellon Recruitment Fellowship (\$4,000) <i>University of Michigan, Ann Arbor</i>	April 2013
Rhodes Scholarship Finalist <i>for Province of Ontario</i>	December 2009
Public Interest Law Fellowship (\$5,000) <i>Harvard Law School</i>	2008

Teaching

Bayesian Statistics (PhD) (with Anil Gaba) <i>INSEAD</i>	Fall 2019
Quantitative Methods (MBA) <i>INSEAD</i>	Fall 2019
Statistics, Ethics and Law (designed new course) <i>Caltech</i>	Spring 2018
Probability, Evidence and Belief <i>Caltech</i>	Spring 2018, Fall 2018
Knowledge and Reality <i>Caltech</i>	Fall 2017, Spring 2019
Nature of Science <i>University of Michigan</i>	Fall 2016
Knowledge and Reality <i>University of Michigan</i>	Summer 2016

Legal Experience

Stikeman Elliott, LLP <i>Litigation Attorney</i>	Toronto 2012–2013
Quinn, Emanuel, Urquhart & Sullivan, LLP <i>Litigation Attorney</i>	Los Angeles 2010–2012
Kirkland & Ellis, LLP <i>Summer Associate (offer extended)</i>	New York Summer 2009

Petrie-Flom Center for Health Law Policy, Biotechnology & Bioethics
Research Assistant

Cambridge, MA
2009–2010

Professional Service

Reviewer for the following publications:

Theory & Decision, Philosophy of Science (×3), *PPR, Ergo, Synthese, PPQ, APQ*

10th Workshop in Decisions, Games and Logic <i>Organizer (Co-), \$10,000+ grant funding</i>	June 2019
Philosopher's Annual <i>Editor (Volumes 35 and 36)</i>	2017, 2016
Foundations of Belief and Decision Making Workshop <i>Coordinator (and Co-founder), \$11,000+ grant funding</i>	2015-2017
9th Workshop in Decisions, Games and Logic <i>Organizer (Co-), \$4,000 grant funding</i>	July 2015
Law & Philosophy Working Group <i>Coordinator (Co-), \$12,000 grant funding</i>	2013-2015
Harvard Journal of Law and Technology <i>Editor</i>	2007-2009

Computer Skills

R, Python, SAS, JAGS, Stan

Memberships & Affiliations

State Bar of California, Provincial Bar of Ontario

References

Research.....

James Joyce

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Simon Huttegger

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Teaching.....

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