

PHILIPP KORALUS

Fulford Clarendon Associate Professor of Philosophy of Mind and Cognitive Science
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EDUCATION

- Ph.D. Philosophy and Neuroscience, Princeton University Sept. 2010
B.A. Philosophy, Pomona College May 2005

POSITIONS

- FULFORD CLARENDON ASSOCIATE PROFESSOR OF PHILOSOPHY OF MIND AND COGNITIVE SCIENCE
Faculty of Philosophy Sept. 2013-
University of Oxford
- FULFORD FELLOW IN PHILOSOPHY OF MIND AND COGNITIVE SCIENCE Sept. 2013-
St. Catherine's College
- JAMES S. McDONNELL POSTDOCTORAL FELLOW, Philosophy-Neuroscience-Psychology, Wash-U in St. Louis Sept. 2011-Jun. 2013
FELLOW IN THE NOTRE DAME INSTITUTE FOR ADVANCED STUDY, University of Notre Dame Aug. 2010-Jun. 2011

BOOKS

Koralus, P. (*under contract*). Reason and Inquiry: The Erotetic Theory. Oxford University Press.

Abstract: This book presents a unified theory of our cognitive capacity for reasoning and decision-making. The erotetic theory accounts for a large number of empirically documented fallacies and framing effects and shows how the same mental processes that yield fallacies can yield classical validity, probabilistic coherence, and rational choice. Our minds naturally aim at resolving issues, and if we are sufficiently inquisitive in the process, rationality is secured.

PAPERS

1. Koralus, P., Madsen, J., Carrella, E., Bailey, R. (*submitted*). "Using Agent-Based Models to generate aggregate predictions from individual-level cognition: Fisheries and the erotetic theory of decision."
2. Madsen, J., Bailey, R., Carrella, E., Koralus, P. (*submitted*). "Analytic versus dynamic cognitive models: Agent-Based Models as a tool in cognitive sciences."
3. Burgess, M. Drexler, M., Axtell, R., *et al.*, Koralus, P., *et al.* (*submitted*). "The role of agent-based modeling in systems-based fishery management."
4. Koralus, P. (*submitted*) "Decisions, illusory reasons, and erotetic equilibrium."
5. Koralus, P. and Mascarenhas, S. (2018). "Illusory inferences in a question-based theory of reasoning." In: Horn, L. and Turner, K. (Eds.) *An Atlas of Meaning (Current Research in the Semantics/Pragmatics Interface)*. Brill.
6. Mascarenhas, S., Koralus, P. (2017). "Illusory inferences with quantifiers." *Thinking & Reasoning*, 23(1), pp. 33-48.
7. Koralus, P. and Alfano, M. (2017). "Reasons-based moral judgment and the erotetic theory." In: Bonnefon, J.-F. Tremoliere, B. (Eds.). *Moral Inferences*. Psychology Press: Routledge .
8. Koralus, P. (2016) "Can visual cognitive neuroscience learn anything from the philosophy of language? Ambiguity and the topology of neural network models of multistable perception." *Synthese*, 193(5), pp. 1409-32.
9. Parrott, M. and Koralus, P. (2015) "The Erotetic Theory of Delusional Thinking." *Journal of Cognitive Neuropsychiatry*. 20(5), pp. 398-415. (commentary by John McKay and symposium on <http://imperfectcognitions.blogspot.co.uk>)
10. Mascarenhas, S. and Koralus, P. (2015). "Illusory inferences: disjunctions, indefinites, and the erotetic theory of reasoning." In: Noelle, D. C., et al. (Eds.). *Proc. 37th Meeting of the Cognitive Science Soc*, Cognitive Science Society.
11. Koralus, P. "The erotetic theory of attention: Questions, focus, and distraction." (2014). *Mind & Language*, 29(1), pp. 26-50. (selected for symposium at www.philosophyofbrains.com, replies by Chris Mole, Felipe de Brigard, Sebastian Watzl, et al.)
12. Koralus, P. (2014). "Attention, Consciousness, and the semantics of questions." *Synthese*, 191(2), pp. 187-211.

July 5, 2018

13. Koralus, P. and Mascarenhas, S. (2013). “The erotetic theory of reasoning: Bridges between formal semantics and the psychology of propositional deductive inference.” *Philosophical Perspectives*, 27, pp. 312-365.
14. Koralus, P. (2013). “Descriptions, ambiguity, and representationalist theories of interpretation.” *Philosophical Studies*, 162(2), pp. 275-290.
15. Koralus, P. (2013). Review of Jonathan Berg’s *Direct Belief*. *Notre Dame Philosophical Reviews*.
16. Koralus, P. (2012). “The open instruction theory of attitude reports and the pragmatics of answers.” *Philosopher’s Imprint*, Vol. 12(4).
17. Parkinson, C. Sinnott-Armstrong, W., Koralus, P., Mendelovici, A., McGeer, V. and Wheatley, T. (2011). “Is morality unified? Evidence that distinct neural systems underlie moral judgments of harm, dishonesty, and disgust.” *Journal of Cognitive Neuroscience*, Vol. 23(10), pp. 3162-80.

RESEARCH GRANTS AS PRINCIPAL INVESTIGATOR

1. Book manuscript support grant. £10,412.50. Oxford Humanities Division. Start date October 2017.
2. Reasoning with probabilities. £10,000. Laces Trust. Start date November 2017.
3. Mitigating delusional conclusions. £24,047. John Fell fund. Start date July 2016.
4. The Erotetic Theory of Reasoning. £153,482. Laces Trust. Start date: September 1st 2014-May 2017.
5. A question-based approach to reasoning and decision-making. £6,251. John Fell Fund. Start date: January 2015.
6. Starting Grant for the Laboratory for the Philosophy and Psychology of Rationality and Decision. £4,000. Laces Trust. Start date: September 1st 2013.

Total: £208,192.50

ADVISING AND GRADUATE SUPERVISION

Beau Mount (Post-doctoral fellow – now Junior Research Fellow at New College, Oxford)	2016-2017
Jens Madsen (Post-doctoral fellow, co-advised with Richard Bailey, OUCE)	2016-2018
Salvador Mascarenhas (Post-doctoral fellow – now Assistant Professor École Normale Supérieure, Paris)	2014-2016
Thomas Walton (DPhil advisee)	2017-current
Raphaël Millière (DPhil advisee)	2017-current
Sam Clarke (DPhil transfer of status examination committee member)	2016
Reuben Oreffo (BPhil supervision)	2017-18
Milena Bartholain (BPhil supervision)	2016-17
Caleb Layton (BPhil supervision)	2015-16
Sam Carter (BPhil supervision– now pursuing PhD at Rutgers)	2014-15
Juliana Gomez-Puerta (BPhil supervision)	2014-15
Alexander Moran (BPhil supervision – now pursuing PhD at Cambridge)	2013-14
Jonathan Erhardt (BPhil supervision)	2013-14

INVITED TALKS

1. “Explaining success and failure of human reasoning via questions and arbitrary objects.” (with Vincent Wang). École Normale Supérieure, Paris, June 2018.
2. “Ordinary reasoning with arbitrary objects”, Kit Fine’s seminar on arbitrary objects, NYU, February 2018.
3. “How can buggy minds carry us to the moon?” *The Wotton’s Society*, Eton College, UK Nov. 9, 2017.
4. “Reasoning as inquiry.” Keynote Lecture at Poznan Reasoning Week, University of Poznan, Poland. Sept. 10th, 2016.
5. “Some reflections on mental models: mind, language, and society.” Vittorio Girotto Memorial Conference, Birkbeck College, London, July 27th, 2016.

6. “The erotetic theory” Two lectures at University of Barcelona/LOGOS, May 4^a-5^a, 2016.
7. “The Erotetic Theory as a Unified Approach to Reasoning, Judgment, and Decision-Making.” London Judgment and Decision Making seminar, UCL, June 8^a, 2016.
8. “Questions, Reasons, and Fish.” Ocean Conservancy POSEIDON meeting, New Orleans, April 13, 2016.
9. “New Fallacies of Reasoning.” Philosophy of Language Group. UCL. March 10^a, 2015.
10. “Questions and the Norms of Reason.” Norms of Inquiry Workshop. NYU. Feb. 12^a, 2015.
11. “Decisions, Questions, and Illusory Reasons.” Choice Group. LSE. December 11^a, 2013.
12. “Questions, Cognition, and Conditionals: Bridging the Gap Between Psychology and Formal Semantics.” The New York Philosophy of Language Workshop, NYU, February 25^a 2013.
13. “Attention, Meditation, and Consciousness.” Eastern APA, Atlanta, December 2012.
14. “The Erotetic Theory of Reasoning.” Munich Center for Mathematical Philosophy, June 6^a, 2012.
15. “From the Erotetic Theory of Attention: Toward a General Theory of Prefrontal Cortex Function.” Cognitive Control and Psychopathology Laboratory, Washington University in St. Louis, February 20^a, 2012.
16. “Consciousness and the Erotetic Theory of Attention.” University of Illinois, Urbana-Champaign, January 26^a, 2012.
17. “Perception, Action, and the Semantics of Questions.” University of Connecticut, January 23^a, 2012.
18. “The Erotetic Theory of Attention.” Workshop on the philosophy of attention (with Jesse Prinz), Institut Jean-Nicod, CNRS/École Normale Supérieure, Paris, June 15^a, 2011.
19. “The Erotetic Theory of Attention.” Philosophy Department, Washington University in St. Louis, May 4^a, 2011.
20. “Against the Received View of *de re/de dicto* Ambiguities.” MERG Experimental Philosophy Lab, The City University of New York, November 5^a, 2010.
21. “The Disunity of Neural Correlates of Moral Judgment.” Morality and Cognition Workshop, Notre Dame University, October 8^a, 2010.
22. “The Open Instruction Theory of Attitude Reports.” Cognitive Science Symposium, Dept. of Philosophy, The Graduate Center, The City University of New York, October 23^a, 2009.
23. “On the Cognition and Acquisition of Sentences Reporting on Beliefs and Desires.” Psycholinguistics and Cognition Lab, Princeton University, December 1^a, 2008.
24. “New Views of the Necker Cube: Vision from a Linguistic Perspective.” Robert Efron Lecture in Linguistics and Cognitive Science, Pomona College, April 10^a, 2008.
25. “Toward Semantics and Pragmatics in Visual Feature Binding Theory: An Analysis of Necker Cubes and Duck Rabbits.” Cognitive Science Symposium, Dept. of Philosophy, The Graduate Center, The City University of New York, December 7^a, 2007.

CONFERENCE PRESENTATIONS

25. “A cognitive realistic model of decision-making in ocean ecology.” Int. Conference on Thinking Brown University, 2016.
26. “A cognitive realistic model of decision-making in ocean ecology.” Cognitive Science Society Meeting, Philadelphia, 2016.
27. “Free-form response vs. yes/no-question methodologies in human reasoning.” Cognitive Science Soc., Philadelphia, 2016.
28. “Reasons-based moral judgment and the erotetic theory.” Society for Philosophy and Psychology Meeting, University of Texas at Austin, TX, 2016.
29. “Illusory inferences from disjunctions and quantifiers: The erotetic theory” European Cognitive Science Soc. Meeting 2015, Turin.
30. “Illusory inferences and the erotetic theory.” London Reasoning Workshop 2015, Birkbeck College, London August, 2015.
31. “Illusory inferences: disjunctions, indefinites, and the erotetic theory of reasoning” with Salvador Mascarenhas. Cognitive Science Society Meeting 2015, Pasadena, CA.
32. “Reasoning with quantifiers beyond syllogisms: illusory inferences with indefinites and the erotetic theory of reasoning.” with Salvador Mascarenhas. 2015 Society for Philosophy and Psychology Meeting, Duke University.
33. “The Erotetic Theory of Reasoning.” London Reasoning Workshop 2014, Birkbeck College, London July 9th, 2014.
34. “Decisions, Questions, and Illusory Reasons.” Faculty of Philosophy, Oxford, March 7^a, 2014.
35. “Attention, Questions, and Consciousness.” Association for the Scientific Study of Consciousness Conference, Brighton, UK, June 5^a, 2012.
36. “Questions Make us Rational.” Washington University in St. Louis, April 26^a, 2012.
37. “The Erotetic Theory of Attention: Focus, Questions, and Representationalism.” Southern Society for Philosophy and Psychology Conference, March 22, 2012.
38. “The Open Instruction Theory of Attitude Reports.” Public Dissertation Talk, Princeton University, May 20^a, 2009.
39. “Comment on Rachel Sterken, ‘Generics, Semantic Blindness and Mosquitoes’.” Princeton-Rutgers Graduate Conference in Philosophy, Princeton University, March 28^a, 2009.
40. “Comment on Shaun Nichols, ‘Emotions, Norms, and the Moralization of Fairness’.” Princeton Moral Psychology Conference, Princeton University, November 14^a, 2008.

41. “Attitude Reports and Cognition.” The ANU Philosophy Society, Research School of Social Sciences, Australian National University, August 5th, 2008.
42. “Attitude Reports Without Ambiguity and Hidden Indexicality.” Annual Conference of the Australasian Association of Philosophy, La Trobe University, July 7th, 2008.

VISITING APPOINTMENTS

VISITING FELLOW, Munich Center for Mathematical Philosophy, Ludwig-Maximilians-Universität, Munich, Jun.-Aug. 2012; 2013
 VISITING RESEARCHER, Institut Jean-Nicod, École Normale Supérieure, Paris, Jun.-Aug. 2011

FELLOWSHIPS, HONORS, AND SUMMER INSTITUTES

- National Endowment for the Humanities Summer Institute Fellowship, Investigating Consciousness, May 21–June 2nd 2012
- Princeton University Graduate Fellowship, 2005-2010
- Princeton Graduate Dean’s Fund to visit Australian National University, Research School of Social Sciences, Summer 2008
- Dartmouth College, Summer Institute in Cognitive Neuroscience Fellowship, June–July 2006
- Harvard/MIT, Linguistic Society of America Summer Institute, June–August 2005
- *Phi Beta Kappa*, 2005
- Mortar Board, 2005
- Morton O. Beckner Prize in Philosophy, 2005

TEACHING

Graduate

The Philosophy and Psychology of Reasoning and Decision. Philosophy Graduate Seminar MT 2017. [Oxford]
 The Philosophy of Cognitive Science. Philosophy Graduate Seminar (w/ Martin Davies). TT 2014; MT 2015. TT 2017. [Oxford]
 Philosophical Foundations of Psychology. Msc Program in Psychological Methods. MT 2013; HT 2015–17. [Oxford]
 The Philosophy of Consciousness and Attention. Philosophy Graduate Seminar (w/ Ian Phillips). TT 2015. [Oxford]
 Topics in Mind and Language. Philosophy Graduate Seminar (with Salvador Mascarenhas). HT 2015. [Oxford]
 The Philosophy and Psychology of Rationality and Decision. Philosophy Graduate Seminar. HT 2014. Visiting speakers from NYU, Warwick, LSE, Munich Center for Mathematical Philosophy, Paris, and Oxford Economics. [Oxford]
 Graduate Student Supervisions in Philosophy of Mind and Language. 2013; 2014; 2015; 2016; 2017. [Oxford]
 PHI 506 Topics in Philosophy of Language (*Graduate seminar*). Spring 2012. Visiting speakers from Cornell, NYU, and Claremont. [Wash-U]
 PHI 500 Philosophy and Psychology of Reasoning (*Graduate independent study*). Fall 2012. [Wash-U]

Undergraduate

Philosophy of Mind. Upper-year undergraduate tutorials. HT 2017 [Oxford]
 Philosophy of Cognitive Science. Upper-year undergraduate tutorials. HT 2014; 2015; 2016. [Oxford]
 Introduction to General and Moral Philosophy. First-year undergraduate tutorials. MT 2013; 2014; 2015. [Oxford]
 Ethics. Upper-year undergraduate tutorials. TT 2014; 2015, HT 2016. [Oxford]
 PNP 201 Inquiry in the Cognitive Sciences. Fall 2011; Fall 2012; Spring 2013. [Wash-U]
 PHI/PSY/CSE 47901 Attention: From Philosophical Analysis to Computer Algorithms. Spring 2011. [Notre Dame]

SERVICE

Chair of the Board of Examiners, BPhil program in philosophy. MT 2017–
 Director of Undergraduate Studies in Philosophy, Politics, and Economics (PPE), St. Catherine’s College, 2016–2018
 Course Coordinator, Msc Philosophical Foundations of Psychology, Psychology Department, Oxford, 2017–2018

Graduate Placement Officer, Faculty of Philosophy, MT 2017-2018

Selection Committee, Professorship in Philosophy, Oxford, 2014-15.

Selection Committee, Associate Professorship in Economics, Oxford, 2016-17.

Board of Electors, Statutory Professorship in Translational Cognitive Neuroscience, Oxford, 2014

Lead Undergraduate Admissions Tutor, Philosophy, Politics, and Economics (PPE), St. Catherine's College, 2014, 17

Assessor, Philosophy of Mind, Oxford Philosophy Final Honours Schools, 2015, 2016, 2017

Paper Setter and Assessor, Philosophy of Cognitive Science, Oxford Philosophy Final Honours Schools, 2015, 2016, 2017

Member of Governing Body, St. Catherine's College, MT 2013-current

Faculty of Philosophy Panel Member, Faculty of Philosophy, MT2013-current

Graduates Committee, St. Catherine's College, MT 2016-2017

College Graduate Advisor for Philosophy, St. Catherine's College, MT 2013-current

Visiting Fellows Committee, St. Catherine's College, MT 2013-2017

Referee, *Mind*, *Philosophical Studies*, *Synthese*, *Australasian Journal of Philosophy*, *Cambridge University Press*, *American Philosophical Quarterly*, *Behavioral and Brain Sciences (Associate)*, *Journal of Experimental Psychology*, *Brain and Cognition*, *Journal of Philosophical Psychology*, *21st European Summer School of Logic, Language and Information*, *Springer Studies in Brain and Mind*, *University of Notre Dame Press*, *Minds and Machines*, *Dialektica*, *The Review of Philosophy and Psychology*, *Notre Dame Institute for Advanced Study Fellowships*, *European Research Council (ERC) Grants*.