

Sharon Berry

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Education

Ph.D. in Philosophy, Harvard University, 2004-2013

Advisors: Warren Goldfarb (primary), Peter Koellner, Ned Hall and Bernhard Nickel

B.A. in Philosophy and Mathematics (double major) *summa cum laude*, Columbia University, 2000-2004

Areas of Research and Teaching

Areas of Specialization (AOS)

Epistemology, Philosophy of Mathematics and Logic, Metaphysics

Areas of Competence (AOC)

Philosophy of Science, Ethics, Early Modern Philosophy, History of Analytic Philosophy

Employment

Oakland University, Special Instructor (permanent track, 'TT or similar') *Fall 2018 to present*

The Polonsky Academy for Advanced Study, postdoctoral researcher *2014 - 2018*

Australian National University, postdoctoral researcher *2013 - 2014*

(Philosophical Progress ARC Grant under David Chalmers and Daniel Stoljar)

Book

A Logical Foundation for Potentialist Set Theory under contract with Cambridge University Press

Publications

Coincidence Avoidance and Formulating the Access Problem. Canadian Journal of Philosophy (forthcoming).

Quantifier Variance, Mathematicians' Freedom and the Revenge of Quinean Indispensability? Erkenntnis (forthcoming)

Gunk Mountains: A Puzzle. (2019) Analysis 79 (1).

Knowledge of Logical Coherence and EDAs in Mathematics. in *Evolutionary Debunking Arguments* Routledge Studies in Contemporary Philosophy (forthcoming).

External World Skepticism, Confidence and Psychology about the Problem of Priors. (2019) The Southern Journal of Philosophy 57 (3).

(Probably) Not Companions in Guilt (2018). Philosophical Studies 175 (9).

Modal Structuralism Simplified (2018). *Canadian Journal of Philosophy* 48 (2).

Review of Agustin Rayo's *The Construction of Logical Space* (2015). *Mind*.

Chalmers, Quantifier Variance and Mathematicians' Freedom. in *Quantifiers, Quantifiers, and Quantifiers: Themes in Logic, Metaphysics, and Language* (2015). Synthese Library (Studies in Epistemology, Logic, Methodology, and Philosophy of Science), vol 373.

Malament-Hogarth Machines and Tait's Axiomatic Conception of Mathematics. (2014). *Erkenntnis* 79 (4).

Default Reasonableness and the Mathoids. (2013). *Synthese* 190 (17).

Under Review

The Residual Access Problem (R&R at *Mind*)

Physical Possibility and Determinate Number Theory (R& R at *Philosophia Mathematica*)

Hamkins' Multiverse and the Analogy Between Set Theory and Geometry

Σ_1^0 Soundness Isn't Enough

Awards and Honors

PI Academy Scholar 2018-2019 (a grant supporting a campus visit and mentorship from Hartry Field)

Year-long Research Fellowship from the Martin Fund 2010-11

Dean's List 2000-2004 Columbia University

Arthur Rose Teaching Assistantship 2003

Some Presentations

"Hamkins' Analogy Between Set Theory and Geometry"

– Mind/Aristotelian Society Joint Sessions 2020 (upcoming)

"Mathematical Analogies and the Enhanced Indispensability Argument"

–Keynote for a conference on Mathematics and Analogical Reasoning at the Munich Center for Mathematical Philosophy (upcoming Sept. 11-12 2020)

"The Residual Access Problem"

(presented at a symposium on this paper with Otavio Bueno and Aja Watkins as commentators)

– American Philosophical Association Eastern Division Meeting 2020

"Physical Possibility and Determinate Number Theory"

– Mind/Aristotelian Society Joint Sessions 2018

"The Access Problem and Knowledge of Logical Possibility"

– Invited talk at the Munich Center for Mathematical Philosophy

"Gunk Mountains: A Puzzle"

– Mind/Aristotelian Society Joint Sessions 2017

“Mathematical Objects and Ordinary Objects”

– Australasian Association of Philosophy Conference 2014

“Cole’s Institutional Account of Mathematical Objects and the Problem of (Apparently) Incompatible Stipulations”

– Stanford University, 2nd CSLI Workshop on Logic, Rationality & Intelligent Interaction 2013

“Mathematical Knowledge and Combinatorial Possibility: A Two-Pronged Strategy for Solving the Access Problem”

– Columbia-NYU Annual Philosophy Graduate Conference 2011

– Cambridge Graduate Conf. on the Philosophy of Logic and Mathematics 2011

“Malament-Hogarth Spaces and Empirical Revisions of Mathematical Beliefs”

– Cambridge Graduate Conf. on the Philosophy of Logic and Mathematics 2009

Teaching, Programming and Course Design

2019-2020 (Oakland University)

Instructor for: Introduction to Logic and Theory of Knowledge

2018-2019 (Oakland University)

Instructor for: Introduction to Logic, Symbolic Logic and Advanced Logic

Co-designed and wrote a practice problem checking website for Harvard’s Intro Logic Class 2013

<http://deductivelogic.org/EMR17/pset989>

2010-2011 (Harvard University)

Introduction to Philosophy teaching assistant (TF); Philosophy of Mathematics TF; Philosophy of Language TF

2009-2010 (Harvard University)

Intermediate Logic TF; The Later Philosophy of Wittgenstein TF; QR22 Introductory Logic TF

2008-2009 (Harvard University)

Intermediate Logic TF; Epistemology TF; Junior Tutorial: A Priori Knowledge (**sole instructor**)

2007-2008 (Harvard University)

Plato TF; Philosophy of Physics TF; The Rationalists TF; Philosophy of Language TF

2006-2007 (Harvard University)

Introduction to Moral Philosophy; Social Protest TF

2003 (Columbia University)

Introduction to Symbolic Logic (with Professor Achille C. Varzie) TF

2001-2002 (Columbia University)

Mathematics Tutor for Underprivileged New York City High School Students. Double Discovery Center, Columbia University

Languages

English (Native Speaker), Latin (6 years), German (2 years)

