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CONTACT DETAILS

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EDUCATION

Ph. D., Philosophy, University of Pittsburgh, 2004.

M. A., Physics, University of Pittsburgh, 2003.

M. A., Mathematics, University of California at Los Angeles, 1996.
(entered Ph.D. program, ABD.)

B. Sc. (honors), Monash University (Australia), 1992.

AREAS OF SPECIALIZATION

Philosophy of Physics, Philosophy of Science, Logic, Philosophy of Mathematics

AREAS OF COMPETENCE

Epistemology, Eastern Philosophy

POSITIONS HELD

University of Chicago, Associate Professor, Department of Philosophy, 2012–present.

University of Chicago, Assistant Professor, Department of Philosophy, 2005–2012.

University of Kansas, Assistant Professor, Department of Philosophy, 2004–2005.

PUBLICATIONS

22. “There Are No Bad Lots, Only Bad Formulations of Inference to the Best Explanation”, *British Journal for the Philosophy of Science*, forthcoming.

21. “On Inferring Explanations and Inference to the Best Explanation”, *Episteme* (2023), 1–18, doi:10.1017/epi.2023.19

20. Review of “The Art of Abduction” by I. Douven, *BJPS Review of Books*, 2023

19. "What is Kuhn's Problem", *Epistemology & Philosophy of Science* 2022, vol. 59, no. 4, pp. 111–125, doi: 10.5840/eps202259461
18. "On Euclid and the Genealogy of Proof", *Ergo* 8: 3. doi.org/10.3998/ergo.1140 2021.
17. Inference to the Best Explanation and Norton's Material Theory of Induction. *Studies in History and Philosophy of Science Part A*, Volume 85, February 2021, Pages 137-144.
16. A Note on the Unprovability of Consistency in Formal Theories of Truth. *Journal of Philosophical Logic* (May 2021), <https://doi.org/10.1007/s10992-021-09600-0>
15. Review of "The Logic in Philosophy of Science" by H. Halvorson, *Notre Dame Philosophical Review*, 2020.
14. "Can Good Science be Logically Inconsistent?", *Synthese*, May 2014, 10.1007/s11229-014-0470-x
13. "Thermodynamic Entropy and its Relation to Probability in Classical Mechanics", *Philosophy of Science*, (78), December 2011, p. 955-975.
12. "Idealizations and Contextualism in Physics", *Philosophy of Science*, (78), January 2011, pp. 16–38
11. "What is Gibb's Canonical Distribution?", *Philosophy of Science*, (76), December 2009, pp. 970–983.
10. "The Justification of Probability Measures in Statistical Mechanics", *Philosophy of Science* (75), January 2008, 28-44.
9. "Closed Systems, Explanations and the Cosmological Argument," *International Journal for Philosophy of Religion*, Volume 62, Number 2, October, 2007 (with M. Lippellman.)
8. Review of "The Principle of Sufficient Reason: A Reassessment" by A. Pruss, *Religious Studies* (2007), 43, pp. 500-503
7. "Aristotle, Zeno, and the Stadium Paradox", *History of Philosophy Quarterly*, 24(2) April 2007, pp. 127-136.
6. Review of "Debating Design: from Darwin to DNA" by W. Dembski, M. Ruse (eds), *Philosophical Books*, 47(4), October 2006, pp. 383–386.
5. "Relic Abundance of Heavy Particles: Quantum Kinetics versus Boltzmann" (with D. Boyanovsky), *Physical Review D*, 71, 023523 (2005).
4. "Is Mathematical Rigor Necessary in Physics?" *British Journal for the Philosophy of Science*, Volume 54, Issue 3, pp. 439-463 (2003).
3. "Obligation and the Conditional in Stit Theory," *Studia Logica*, 72, pp. 339-362 (2002).

2. "Insufficient Reason in the 'New Cosmological Argument'," (with R. Clifton), *Religious Studies*, 37, pp. 485-490 (2001).
1. "Inseparability in Recursive Copies," *Annals of Pure and Applied Logic*, 68(1), pp. 1-52 (1994).