

Michael Dickson: Curriculum Vitae

Department of Philosophy
University of South Carolina
Columbia, SC 29208 USA
E-mail: dickson@sc.edu

Education and Research Interests

B.A./B.S., University of South Carolina (1990)
Ph.D., University of Notre Dame (1995)

Dissertation: *Probability and Nonlocality: Determinism Versus Indeterminism in Quantum Mechanics*
(directed by James Cushing; examining committee: Jeremy Butterfield, Michael Redhead, James Cushing, Gordon Flemming)

Current areas of interest: philosophy of music; aesthetics; philosophy of psychiatry

Previous research areas: philosophy of science, especially physics; game theory

Academic and Administrative Appointments

2026-2027

Chair-Elect, Faculty Senate

2024-2026

Chair, University Committee for Curriculum and Courses

2023-2026

Director of Graduate Assessment, Department of Philosophy

2021-2022

Acting Chair, Department of Physics and Astronomy

2017-2019

Acting Chair, Department of Religious Studies

2011-2018

Chair, Department of Philosophy

2010-2013

Director, USC Consortium for Science, Technology, Environment, and Medicine in Society

2007-2010

Associate Director for Societal and Ethical Interactions of Nanotechnology, USC NanoCenter.

2004-present

Professor, Department of Philosophy, University of South Carolina

2002-2003

Visiting Professor, Department of Philosophy, Oxford University

2002-2004

Ruth N. Halls Professor of Humanities: Department of History and Philosophy of Science,
Indiana University

1998-2002

Associate Professor: Department of History and Philosophy of Science, Indiana University

1996-1998

Assistant Professor: Department of History and Philosophy of Science, Indiana University

1995-1996

Ruth N. Halls Post-Doctoral Fellow in the Humanities: Department of History and Philosophy of Science, Indiana University

Spring, 1995

Visiting Scholar: Department of Philosophy, Cambridge University

Summer, 1994 and Fall, 1994

Adjunct Instructor: Department of Philosophy, University of South Carolina

1992-1994

Visiting Student: Cambridge University, Department of History and Philosophy of Science

1990-1995

Graduate Student: University of Notre Dame

Awards, Fellowships, Grants

PI, Developing a Distributed Learning Version of P111 (\$8,000)

PI, Consortium for Science, Technology, Environment, and Medicine in Society (~\$200,000)

South Carolina Honors College Alumni of the Year (2005)

co-PI, "Nanotechnology in Society Project" (NSF NSEC Grant SES-0531160, \$1.5m)

Indiana University TERA (Teaching Excellence Recognition Award, \$1000)

Indiana University Dean's Fellow (\$10,000 per year for four years)

Indiana University Outstanding Junior Faculty Award (\$12,500)

American Council of Learned Societies Travel Grant (\$500)

Indiana University International Programs Travel Grant (\$800)

Indiana University Summer Faculty Fellowship (\$6000)

University of Notre Dame Outstanding Ph.D. in the Humanities

Mellon Foundation Fellowship

Javitz Foundation Fellowship

University of Notre Dame Presidential Fellowship

Publications

Teaching-Related

2023 *Introduction to Formal Logic*, Volume 3 (Aporia Press)

2018 *Introduction to Formal Logic*, Volume 2 (Aporia Press)

2015 *Introduction to Formal Logic*, Volume 1 (Aporia Press)

2007 *Inductive Logic* (not published, but used in classes; electronic copy available on request)

1999 *Quantum Mysteries*, (with assistance from Rob Brosnan; Aporia Press)

In Progress

"Aesthetics of Musical Practice" (draft completed)

“Taruskin’s Poietic Fallacy and MacIntyre’s Practices” (in progress)

Edited Works

- 2010 *Discourse on a New Method* (co-edited with Mary Domski). Open Court Press: Chicago, 2010.
- 2005 3 volumes of *Foundations of Physics* (Vol. 35, numbers 2-4, co-edited with Antony Valentini)

Books

- 1998 *Quantum Chance and Nonlocality* (Cambridge University Press).

Research Articles

- forthcoming “Hallucination as a Memory of the Present” (*Journal of Medicine and Philosophy*)
- 2025 “Intellectual Humility for Coping” *International Mad Studies Journal* 3(SI1):e1–16.
- 2024 “Musical Notation”, *Ergo* 11:1.
- 2021 “The Great Theory of Beauty, and Sacred Music”, *Sacred Music* 148(3):18–31.
- 2018 “The *Imago Dei* and the *Imago Mundi*”, pp. 97–115 in Steve Donaldson and Ron Cole-Turner, eds., *Christian Perspectives on Transhumanism and the Church*, Palgrave Macmillan.
- 2016 “The Value of Statistical Lives and the Valuing of Life”, pp. 187–200 in Leah McClimans, ed., *Measurement in Medicine: Philosophical Essays on Assessment and Evaluation*, Rowman & Littlefield.
- 2015 “Protective Measurement and the Explanatory Gambit”, pp. 107–118 in Shan Gao, ed., *Protective Measurement*, Cambridge University Press.
- “Reconstruction and Reinvention in Quantum Theory”, *Foundations of Physics*, 45: 1330–1340.
- 2013 “Theory from Chaos”, *Episteme* 10:465–478.
- 2012 “Kantianism at the Nanoscale”, pp. 1–10 in Thomas Vogt, Wolfgang Dahmen, and Peter Binev, eds., *Modeling Nanoscale Imaging in Electron Microscopy*, Springer.
- “What the Fine-Tuning Argument Shows (and Doesn’t Show)”, pp. 655–672 in Liz Swan, Richard Gordon, and Joseph Seckbach, eds., *Origin(s) of Design in Nature*, Springer.
- 2011 (with Kevin Elliott) “Distinguishing Risk and Uncertainty in Risk Assessments of Emerging Technologies” pp. 165–176 in Torben Zülsdorf et. al., eds., *Quantum Engagements: Social Reflections of Nanoscience and Emerging Technologies*, IOS Press.
- 2010 (with Mary Domski) “Discourse on a New Method, or a Manifesto for a Synthetic Approach to History and Philosophy of Science”, pp. 1–20 in Mary Domski and Michael Dickson,

eds., *Discourse on a New Method*, Open Court Press.

“Beauty Doth Of Itself Persuade: Dirac on Quantization” pp. 405–422 in Mary Domski and Michael Dickson, eds., *Discourse on a New Method*, Open Court Press.

“Aspects of Probability in Quantum Theory”, pp. 172–200 in Claus Beisbert and Stephan Hartman, eds., *Probabilities in Physics*. Oxford University Press.

“Significance Testing” (with Davis Baird), in P. Bandyopadhyay and M. Forster (eds.), *Handbook for the Philosophy of Statistics*, Kluwer Academic Press.

2008 “Images of the Nanoscale”, pp. 5–30 in *Publications of the Korean Philosophy of Science Association 2008*.

2007 “Intuition in Metaphysics: Seeming is Believing?”, *Philosophical Topics* 35:43–65.

“Is Measurement a Black Box? On the Importance of Understanding Measurement Even in Quantum Information and Computation”, *Philosophy of Science* 75:1019–1032.

“Non-Relativistic Quantum Mechanics”, pp. 275–416 in Jeremy Butterfield and John Earman, eds., *Handbook for Philosophy of Physics*, Kluwer Academic Press.

2006 “Plurality and Complementarity in Quantum Dynamics”, pp. 42–63 in Stephen Kellert, Helen Longino, and Kenneth Waters, eds., *Scientific Pluralism. Minnesota Studies in Philosophy of Science* 19.

2004 “The View from Nowhere: Quantum Reference Frames and Quantum Uncertainty”, *Studies in History and Philosophy of Modern Physics* 35:195–220.

“Quantum Reference Frames and EPR”, *Philosophy of Science* 71:655–668.

2002 “Bohr on Bell: A Proposed Reading of Bohr and Its Implications for Bell’s Theorem” pp. 19–36 in Tomasz Placek and Jeremy Butterfield, eds., *Non-Locality and Modality*, Springer-Science.

“The EPR Experiment: A Prelude to Bohr’s Reply to EPR”, pp. 263–276 in Michael Heidelberger and Friedrich Stadler, eds., *History of Philosophy of Science—New Trends and Perspectives. Institute Vienna Circle Yearbook* 9. Kluwer.

2001 “Discussion: Are There Material Objects in Bohm’s Theory?”, *Philosophy of Science* 67:704–710.

“Quantum Logic is $\text{Alive} \wedge (\text{It is True} \vee \text{It is False})$ ”, *Philosophy of Science* 68: S274–S287.

1999 “The Light at the End of the Tunneling: Observation and Underdetermination”, *Philosophy of Science* 66:47–58.

(with Guido Bacciagaluppi) “Dynamics for Modal Interpretations”, *Foundations of Physics* 29:1165–1201.

- 1998 “On the Plurality of Dynamics” pp. 160-182 in Richard Healey and Geoffrey Hellman, eds., *Quantum Measurement: Beyond Paradox. Minnesota Studies in Philosophy of Science* 17.
- (with Rob Clifton) “Lorentz-Invariance in the Modal Interpretation”, pp. 9-47 in Denis Dieks and Pieter Vermaas, eds., *The Modal Interpretation of Quantum Mechanics*. Springer.
- 1997 “The Quantum Classical Connection in the Bohm Theory: Aspects of the Classical Limit”, pp. 127–132 in Da Hsuan Feng and Bei Lok Hu, eds., *Quantum-Classical Correspondence*. International Press.
- 1996 “Determinism and Locality in Quantum Systems”, *Synthese* 107:52–82.
- “Is The Bohm Theory Local?”, pp. 321–330 in James Cushing, Arthur Fine, and Sheldon Goldstein, eds. *Bohmian Mechanics and Quantum Theory: An Appraisal*. Springer.
- “Antidote or Theory? The Undivided Universe and The Quantum Theory of Motion”, *Studies in History and Philosophy of Modern Physics* 27:229–238.
- “Logical Foundations for Modal Interpretations”, *Philosophy of Science* 63:322–329.
- 1995 “An Empirical Reply to Empiricism”, *Philosophy of Science* 62:122–140.
- (with Vassilios Karakostas) “Decoherence in Unorthodox Formulations of Quantum Mechanics”, *Synthese* 102:61–97.
- “Is There Really No Projection Postulate in the Modal Interpretation?”, *British Journal for the Philosophy of Science* 46:197–218.
- “Faux-Boolean Algebras, Classical Probability, and Determinism”, *Foundations of Physics Letters* 8:231–242.
- “Faux-Boolean Algebras and Classical Models”, *Foundations of Physics Letters* 8:401–415.
- 1994 (with Rob Clifton) “Stapp’s Algebraic Argument for Nonlocality”, *Physical Review A* 49:4251–4256.
- “Wavefunction Tails in the Modal Interpretation”, pp. 366–376 in Arthur Fine, M. Forbes, and Linda Wessels, eds., *PSA: Proceedings of the Biennial Meeting of the Philosophy of Science Association*. Cambridge University Press.
- “What Is Preferred About the Preferred Basis?”, *Foundations of Physics* 25:423–441.
- 1993 “Stapp’s Theorem Without Counterfactual Commitments: Why It Fails Nonetheless”, *Studies in History and Philosophy of Science* 24:791-814.

Other Articles

“From Vexing Uncertainty to Intellectual Humility”, *Schizophrenia Bulletin* sbad173, <https://doi.org/10.1093/schbul/sbad173>

“Intellectual Humility Is a Key Ingredient for Scientific Progress” (*The Conversation*, 6 Dec 2023)

(with Antony Valentini) “A Tribute to James Cushing: 1937-2002” *Foundations of Physics* 35:173-176.

“James T. Cushing, 1937-2002. A Remembrance”, *Studies in the History and Philosophy of Modern Physics* 33:601–603.

“Reply to H. Stapp’s Comment”, *Studies in History and Philosophy of Science* 25:965–966.

Book reviews

Guido Bacciagaluppi and Antony Valentini, *Quantum Theory at the Crossroads: Reconsidering the 1927 Solvay Conference*. Cambridge: Cambridge University Press (2009). (*Philosophy of Science* 79:175–177)

Tomasz F. Bigaj, *Non-locality and Possible Worlds: A Counterfactual Perspective on Quantum Entanglement*. Ontos (2006). (*Notre Dame Philosophical Reviews* 2007:7)

Rédei, M. and Stözlner, M., eds., *John von Neumann and the Foundations of Physics*. Dordrecht: Kluwer Academic Publishers (2001). (*Philosophy of Science*. 70:855–859)

Mara Beller, *Quantum Dialogue: The Making of a Revolution*. University of Chicago Press (1999). (*Studies in History and Philosophy of Modern Physics* 33:565–569)

Jeremy Butterfield and Constantine Pagonis, eds. *From Physics to Philosophy*. Cambridge University Press (1999). (*The British Journal for the Philosophy of Science* 52:397–400)

Partha Ghose, *Testing Quantum Mechanics on New Grounds*. Cambridge University Press (1999). (*The British Journal for the Philosophy of Science* 52: 207–209)

Jeffrey Bub, *Interpreting the Quantum World*. Cambridge University Press (1997). (*Philosophy of Science* 66:495–496.

Michel Bitbol, *Schrödinger's Philosophy of Quantum Mechanics*. Springer Science. (*The British Journal for the Philosophy of Science* 49:329–331)

Tim Maudlin, *Quantum Non-Locality and Relativity: Metaphysical Intimations of Modern Physics*. Blackwell (1994). (*Philosophy of Science* 64:516-517)

Storrs McCall, *A Model of the Universe*. Oxford University Press (1994). (*Philosophical Books* 37:134–136)

Encyclopedia Articles

- “Modal Interpretations of Quantum Theory” (10,000 words, refereed; *Stanford Encyclopedia of Philosophy*, second edition co-authored with Denis Dieks)
- “The Many-Worlds Interpretation” (400 words, refereed; *Encyclopedia of Science and Religion*; MacMillan Press)
- “Quantum Mechanics” (5000 words, refereed; *Encyclopedia of Science and Religion*; MacMillan Press)
- “The Quantum Measurement Problem” (*Routledge Encyclopedia of Philosophy of Science*)

Talks (* indicates refereed; others are invited)

- 2025 *“Hallucination as Strategy” (Southern Society for Psychology and Philosophy, Mobile, AL)
- *“Second-Person Knowing in the Diagnosis of Schizophrenia: Understanding Hallucination ‘as Strategy’” (Psychiatric Diagnosis – Empirical and Philosophical Perspectives, Jagiellonian University; participated online)
- Comment on “The Trouble with Tragedy: Difficult Theatre, Awe, and Knowledge” (Southern Division of the American Society for Aesthetics, Athens, GA)
- “Let’s Be Different Together: Meaningfulness of Lives as a Foundation for Neurodiversity” (Indiana Society for Philosophy, Bloomington, IN)
- 2024 *“Aesthetics of Musical Practice” (Southern Division of the American Society for Aesthetics, Auburn, AL)
- *“Perception as Memory of the Present” (to have been delivered at a conference at the Institut Jean-Nicod, ENS Paris, but the talk was canceled due to logistical difficulties)
- *“Living with the ‘Paradox of Delusion’” (Too Mad To Be True III, Ghent, Belgium)
- “Toward A Simulation Theory of Musical Expressiveness” (Commentary, American Society for Aesthetics, Chicago, IL)s
- *“Skeptical Doubt and Intellectual Humility: Two Strategies for Coping with Psychosis” (Southern Society for Psychology and Philosophy, Cincinnati, OH)
- “Everything Is Beautiful in its Time: The ‘Great Theory of Beauty’, Past and Present” (Public Lecture, South Carolina Study Center)
- “The Great Theory of Beauty and Musical Practice” (Public lecture, Thomistic Institute, University of South Carolina)

- “Intellectual Humility and Science” (NASA Goddard Space Center, Washington, DC)
- *“Musical Pieces as Instructions” (American Society for Aesthetics, Eastern Division Meeting, Philadelphia, PA; also delivered at the joint meeting of the North and South Carolina Societies for Philosophy, Davidson, NC)
- 2023 * “Intellectual Humility” (Madpeople’s Coping Mechanisms, Oxford University)
- *“Killing Cows: The ‘Moral Paradox’ of Video Games” (Philosophy of Video Games, Florida International University)
- *“Musical Notation and Musical Instructions” (Eastern Division of the American Society for Aesthetics, Philadelphia, PA)
- “Comments on ‘Formula and Constraint’ ” (Southern Division of the American Society for Aesthetics, Greenville, SC)
- 2022 “Comments on ‘Reactive Attitudes and Works of Art’ ” (Southern Division of the American Society for Aesthetics, Charleston, SC)
- “Fine-Tuning” (Department of Physics and Astronomy, University of South Carolina)
- 2021 “The Great Theory of Beauty and Music” (Public Lecture, Thomistic Institute, online)
- 2019 * “Induction, Intuition, and the Essential Uncertainty of Scientific Principles” (ACPA meeting, Minneapolis, MN)
- *“Living with Uncertainty: Philosophical Inquiry without Nous” (‘To What End? Narrative, Institutions, and Practices’, conference at the University of Notre Dame)
- 2018 “What is a Musical Piece?” (Queen Street Symposium)
- 2017 * “Epistemic Optimism and Scientific Instrumentalism” (ACPA meeting, Dallas, TX)
- 2015 * “The Imago Dei and the Imago Mundi” (conference at the Stamford Center for Science and Religion)
- 2014 “Quantum Carpetbaggers? Reconstruction and Reinvention” (Quantum Theory: from Problems to Advances, Linnaeus University, Växjö, Sweden)
- 2013 * “Theory from Chaos” (Conference on the Science of Science, Pittsburgh Center for Philosophy of Science)
- * “Central Central Embedding Embedding” (South Carolina Society for Philosophy)
- “Risk and the Value(ing) of Life” (TRiP 2013 – Death: The Reality of an Idea”, Columbia, SC)
- 2012 * “‘Information’ as an Interpretive Tool in Physical Theories” (Philo-STEM 4, Midwest Workshop in Science, Technology, Engineering and Medicine)

- 2011 “Prediction Games” (Department of Philosophy, University of Wisconsin)
- “Commentary: Uncertainty, Risk, and Probability” (Center of Interdisciplinary Studies, University of Bielefeld, “Research in its Technological Setting”)
- 2010 “Seeming is Believing?” (Keynote Address, Joint Meeting of the South Carolina Society for Philosophy and the North Carolina Philosophical Society)
- 2009 “Kantianism at the Nanoscale” (Interdisciplinary Mathematics Institutes, USC)
- “Time in Quantum Theory” (Department of Logic and Philosophy of Science, UC Irvine)
- * “Ambiguous Effects and the Problem of Aggregation” (Society for the Study of NanoScience and Emerging Technology, Seattle, Washington)
- 2008 “Theories of Risk for Emerging Technologies” (National Science Foundation PIs meeting)
- “Dirac on Mathematical Beauty” (Seoul National University, Department of Philosophy)
- “Images of the Nanoscale” (Korean Philosophy of Science Association)
- * “Seeming is Believing? Intuition in Metaphysics”* (Eidos Conference in Metaphysics, University of Geneva)
- * (with Dan Buxheoven) “Objectivity, Knowledge, and Traditional Epistemologies of Religious Experience” (ESSSAT 2008, Sigtuna, Sweden)
- “Fine-Tuning” (Naturalism Conference, Kansas State University)
- 2007 “Nano-Observables and Humane Quantum Theory” (Department of Logic and Philosophy of Science, UC Irvine)
- “The Notion of Reference in Evolutionary Game-Theoretic Models of Language” (Game Theory Research Group, College of Social Sciences, UC Irvine)
- “Can Anything Be Salvaged from Bohr? Quantum Theory from a Human Point of View” (Inaugural Mara Beller Memorial Lecture, Bar-Hilel Colloquium in History and Philosophy of Science)
- “Reference Frames in Quantum Theory” (Israel Philosophy of Physics Working Group)
- “Measurement in Quantum Computation” (Hebrew University, Department of History and Philosophy of Science)
- 2006 * “Is Measurement a Black Box?” (Philosophy of Science Association Biennial Meeting, Vancouver, BC)
- “Images of Quantum Computation” (USC Nano-Center)

- 2005 “Subjective and Objective in Quantum Theory” (Conference, “Being Bayesian in a Quantum World”, University of Konstanz)
- “The Role of Observers in Quantum Computation” (Centre for Time, University of Sydney)
- “Quantum Relationalism” (Oxford University, Department of Philosophy)
- “Beauty Doth of Itself Persuade: Mathematical Beauty and Theoretical Understanding” (California State University, Fresno; also delivered to the USC Science Studies group)
- 2004 “Evidence in Metaphysics: A Puzzle and a Non-Solution” (USC Department of Philosophy)
- “Dirac, Mathematical Beauty, and Scientific Understanding” (Workshop on Mathematics and Science, Department of Philosophy, Stanford University)
- “Intuition in Metaphysics” (Workshop on the Epistemology of Intuition, Department of Philosophy, Indiana University)
- “Reference Frames and Uncertainty” (Department of Physics, University of South Carolina)
- “Non-Relativistic Quantum Mechanics” (Workshop on Philosophy of Physics, Department of History and Philosophy of Science, Pittsburgh University)
- 2003 “Imprimitivity, Reference Frames, and the Uncertainty Relations” (Dutch Physical Society)
- “Quantum Reference Frames in a (Smallish) Discrete Universe” (Institute for the Foundations of Science, Utrecht University)
- “Dirac on Mathematical Beauty and Algebraic Quantization” (Program in History and Philosophy of Science, Leeds University)
- “A View from Nowhere: Quantum Reference Frames and Uncertainty” (Oxford Colloquium in Philosophy of Science)
- “Mathematical Beauty and Mathematical Physics (UK Conference in honor of Jim Cushing)
- “Quantum Reference Frames” (University of Madrid Department of Philosophy)
- “Metaphysics and Science” (Purdue University Department of Philosophy)
- 2002 “Plurality in Quantum Theory” (Notre Dame Conference in Honor of Jim Cushing)
- * “Quantum Reference Frames and EPR” (Philosophy of Science Association Symposium on Neils Bohr)
- “Bohr’s Attitude Towards Mathematics” (The Art of Mathematical Representation’, a Conference at Indiana University)

- “Sleeping with the Enemy: The Role of History in Philosophy and Vice Versa” (The Art of Mathematical Representation’, a Conference at Indiana University)
- * “Bohr’s Reply to EPR Reconsidered” (Annual UK Conference in Philosophy of Physics)
- “Plurality in Quantum Theory” (Minnesota Workshop on Plurality in Science)
- “Comments on Arthur Fine’s paper” (Minnesota Workshop on Plurality in Science)
- “Dirac on Quantization and Beauty in Mathematics” (Dirac Centenary Conference, Baylor University)
- 2001 “Symmetry Considerations and the Quantum-Classical Correspondence” (Boston Colloquium in the Philosophy of Science)
- “Can there be a Lorentz-Invariant Interpretation of Quantum Theory?” (Conference on Bell's Theorem, Crakow, Poland)
- “Metaphysics – Physics = Something I Know Not What” (joint Philosophy and Physics Colloquium, University of Connecticut)
- 2000 * “Quantum Logic is Alive $\wedge$ (It is True $\vee$ It is False)” (Philosophy of Science Association)
- * “What Was Bohr's Reply to EPR?” (History of Philosophy of Science Biennial Conference in Vienna, Austria; also delivered to the Indiana University HPS colloquium)
- “The Role of Algebra in the Interpretation of Quantum Theory” (Conference on Quantum Theory, UC Irvine)
- “The Role of Science in Metaphysics” (Departmental Colloquium, University of Minnesota)
- “The Light at the End of the Tunneling: Observation and Underdetermination” (Departmental Colloquium, University of Montreal)
- “Historical and Philosophical Foundations for the Canonical Commutation Relations” (Departmental Colloquium (Physics), University of Miami, Ohio)
- 1999 “Dirac's Last Theorem? Finding a Quantum Lie Bracket” (Conference on the Interpretation of Quantum Theory, University of Western Ontario; also delivered at Oxford University)
- “Metaphysics – Physics = Something I Know Not What” (Department of Philosophy, University of Chicago; also Department of History and Philosophy of Science, Indiana University)
- 1998 “How Can Interpretations Be Compared?” (Workshop in the Interpretations of Quantum Theory, Indiana University)
- “Relativistic Spooky Action? Nonlocality in Relativistic Quantum Theory” (Department of Physics, Indiana University/Purdue University at Indianapolis)

Comment on “Beables in Algebraic Quantum Theory” (Conference on the Metaphysics of Quantum Theory, Rutgers University)

* “Epicurean Induction” (History of Philosophy of Science Biennial Conference in Notre Dame; also delivered to the Department of History and Philosophy of Science, Cambridge University)

“Classical Negation in Quantum Logic” (Logic Program Colloquium, Indiana University)

* “The Light at the End of the Tunneling: Observation and Underdetermination” (Philosophy of Science Association; also delivered to the Departmental Speakers' Series, History and Philosophy of Science, Indiana University)

1997 “Could the Problem of Induction Have Been Predicted on the Basis of Past Evidence?” (Conference on the problem of induction, Departments of Philosophy and History and Philosophy of Science, Indiana University)

“Epicurean Induction” (Departmental Speakers' Series, History and Philosophy of Science, Indiana University)

“Why the Bohm Theory is Possible” (Conference, Foundational Problems in the History and Philosophy of Quantum Theory, University of Notre Dame)

“Logic and Physical Theory” (Program in History and Philosophy of Science, University of Notre Dame; also to the Departmental Speakers' Series, History and Philosophy of Science, Indiana University)

* “Can God Be Found in Physics?” (Conference, Naturalism, Theism, and the Scientific Enterprise', University of Texas, Austin)

“Relativity and the Bohm Theory” (Chicago Area Philosophy of Physics Group, University of Chicago)

1996 * “Physical Necessity in Modal Interpretations” (International Quantum Structures Association, Berlin, Germany)

“Lorentz-Invariance in the Modal Interpretation” (Conference, ‘The Modal Interpretation of Quantum Mechanics', University of Utrecht, The Netherlands)

* “Logical Foundations of Modal Interpretations” (Conference, Biennial meeting of the Philosophy of Science Association)

1995 “Quantum Logic” (Applied Logic Seminar, Indiana University)

“On the Plurality of Dynamics” (Sigma Club Colloquium, University of Western Ontario)

“Dynamics in Modal Interpretations” (Department of Philosophy, University of Oxford)

“Epistemic Probabilities in the Modal Interpretation” (Sigma Club Conference, University of

Cambridge)

“Comment on ‘State Preparation in the Modal Interpretation’” (Conference, Decoherence and the Measurement Problem, University of Minnesota)

“Faux-Boolean Algebras and Maximal Classicality” (Philosophy of Physics Group, University of Cambridge)

1994 * “Contrastive Explanation of Stochastic Events” (Seminar paper at the APA Eastern Division; also given at the Department of Philosophy, University of South Carolina)

* “The Quantum-Classical Connection in the Bohm Theory: Aspects of the Classical Limit” (Drexel Workshop on the Quantum Classical Correspondence, Philadelphia, PA)

* “Wavefunction Tails in the Modal Interpretation” (Philosophy of Science Association)

1993 “Non-Being and Chaos in the Timaeus” (Ancient Philosophy Group, University of Cambridge)

“What is Preferred About the Preferred Basis?” (Department of History and Philosophy of Science, University of Cambridge)

“Continuous Spontaneous Localization and the Preferred Basis Problem. Part I: Foundations of CSL. Part II: The Preferred Basis Problem and a Partial Solution” (Two talks, Theoretical Physics Group, University of Notre Dame)

1992 “Book 1, Chapters 3 and 4 of De Generatione et Corruptione” (Ancient Philosophy Group, University of Cambridge)

“Henry Stapp's Literacy Campaign: Reading the Book on α ” (Philosophy of Physics Group, University of Cambridge)

“No-Go Without Outcome Independence?” (Theoretical Physics Group, University of Notre Dame)

Conferences and Sessions Organized

2026 meeting of the Southern Division of the American Society for Aesthetics (‘Southern Aesthetics Workshop’, co-organized with Angela Sun)

“First Person Perspectives in the Human Sciences” (with Agnes Bolinska)

2025 meeting of the Southern Division of the American Society for Aesthetics (‘Southern Aesthetics Workshop’, co-organized with Aaron Meskin)

“Language, Communication, and Evolution” (with ChiaHua Lin, South Carolina Society for Philosophy, April 2013)

“TRiP 2013: Death – The Reality of an Idea” (with Ashley Graham Kennedy, April 2013)

BiCoDa Summer School on Measurement (with Alfred Nordman and Michael Stöeltzner, March 2012)

BiCoDa International Conference (co-organized with Alfred Nordman and Martin Carrier; 2011)

Inaugural Workshop for the Consortium for Science, Technology, Environment, and Medicine in Society (co-organized with Dan Buxhoeveden, George Khushf, and Ann Johnson, 2010)

BiCoDa First Annual Meeting (co-organized with Ann Johnson and Alfred Nordmann, 2009)

Organizational meeting and workshop for the Society for New and Emerging Technologies in Society (co-organized with Davis Baird, 2008)

Workshop on Images of the Nanoscale: From Creation to Consumption (co-organized with Davis Baird, Simon Tarr, and Chris Robinson, 2007)

Workshop on Naturalism in the Modern Period (co-organized with Matt Kisner, 2007)

Workshop on the philosophy of Michael Friedman (co-organized with Mary Domski, 2004)

PSA 2002 symposium session on the philosophy of Niels Bohr

Conference on the role of mathematics in natural philosophy, (co-organized with Nico Bertoloni Meli, 2001)

Workshop on the interpretations of quantum theory (1999)

Other Professional Activities

I have reviewed many articles and book manuscripts for numerous journals and presses, and the occasional grant proposal. I serve on various university committees, occasionally as their chair. I have held various administrative roles within the university and my department. I have served as a consultant to other universities on matters such as tenure and promotion and departmental reviews. I hold a few service roles in the broader community. Details provided on request.

Some historical service (a list left over from when I bothered to try to write these things down):

Participant, Liberty Fund Conference, “The Purpose of the University” (Atlanta, GA, 2023)

Review panelist for the National Science Foundation (2012-2015)

Editor in Chief, *Philosophy of Science* (2004-2009)

Associate Editor, *Philosophy of Science* (2000-2004)

James Cushing Memorial Prize Committee (2003-2023)

Editorial Board, *Studies in History and Philosophy of Modern Physics* (2001-2023)

Editorial Board, *Philosophy of Science* (2009-2023)

Graduate and Research Advisory Council, University of Notre Dame (1998-2001)

Panelist for the National Science Foundation Graduate Research Fellowship Program. (1999, 2001)