

**ALYSSA NEY**

List of Publications

June 30, 2026

**BOOKS**

*The Fundamentality of Physics*. Oxford University Press, forthcoming.

*Local Quantum Mechanics: Everett, Many Worlds, and Reality*. Editor. Oxford University Press, 2026.

*Metaphysics: An Introduction*. Routledge, Second Edition 2023 (First Edition 2014).

*The World in the Wave Function: A Metaphysics for Quantum Physics*. Oxford University Press, 2021.

*The Wave Function: Essays in the Metaphysics of Quantum Mechanics*. Co-edited with David Z. Albert. Oxford University Press, 2013.

**ARTICLES**

"Is the Universe Fundamentally a Density Matrix?" with Saakshi Dulani, *British Journal for the Philosophy of Science*, forthcoming.

"Wave Function Realism," in *Compêndio de Filosofia da Física Quântica*. R. Arroyo, ed., forthcoming.

"Branching (Almost) Everywhere and All at Once," *Local Quantum Mechanics*. A. Ney, ed. Oxford University Press. 2026.

"Do our observations make reality happen?" *Nature*, 9 June 2025.

"The Argument from Locality for Many Worlds Quantum Mechanics," *Journal of Philosophy*, December 2025.

"Three Arguments for Wave Function Realism," *European Journal for the Philosophy of Science*, 2023.

"Overdetermination and Causal Closure: A Defense of the Causal Argument for Physicalism," *Protosociology*, special issue on the philosophy of Jaegwon Kim, T. Horgan and B. McLaughlin, eds. 2022.

"Panpsychism and the Limits of Physical Science," *Journal of Consciousness Studies*. 2021.

(Reply by Philip Goff in the same issue)

“From Quantum Entanglement to Spatiotemporal Distance,” *Philosophy Beyond Spacetime*. N. Huggett, B. LeBihan, and C. Wüthrich, eds. Oxford University Press. 2021.

“The Fundamentality of Physics: Completeness or Maximality?” *Oxford Studies in Metaphysics*, December 2020.

“Separability, Locality, and Higher Dimensions in Quantum Mechanics,” *Current Controversies in Philosophy of Science*. S. Dasgupta and B. Weslake, eds. Routledge. 2020.

“Are the Questions of Metaphysics More Fundamental Than Those of Science?” *Philosophy and Phenomenological Research*. 2020.

“Grounding and the Philosophy of Mind,” *The Handbook of Metaphysical Grounding*. M. Raven, ed. Routledge. 2020.

“Wave Function Realism in a Relativistic Setting,” *The Foundation of Reality: Fundamentality, Space, and Time*. D. Glick, G. Darby, and A. Marmodoro, eds. Oxford University Press, 2020.

“Finding the World in the Wave Function: Some Strategies for Solving the Macro-object Problem,” *Synthese*. 2020.

“Using the Feminist Science Shop Model for Social Justice” with Maya Cruz, Sara Giordano, Rebecca Jones, Julia Jordan, Stacey Salinas, and Sharena Diamond Thomas, *Women’s Studies*. 2019.

“On Phenomenal Functionalism about the Properties of Virtual and Non-virtual Objects,” *Disputatio*. June 2019.

(Reply by David Chalmers in the same issue)

“Locality and Wave Function Realism,” *Quantum Worlds*. O. Lombardi, ed. Cambridge University Press. 2019.

“The Politics of Fundamentality,” *What is Fundamental?* A. Aguirre, B. Foster, and Z. Merali, eds. Springer, 2019.

“Physicalism, Not Scientism,” *Scientism*. J. De Ridder, R. Peels, and R. van Woudenberg, eds. Oxford University Press, 2018.

“Grounding in the Philosophy of Mind: A Defense,” *Scientific Composition and Metaphysical Ground*. K. Aizawa and C. Gillett, eds. Palgrave-Macmillan, 2016.

“Microphysical Causation and the Case for Physicalism,” *Analytic Philosophy*, June 2016.

“Fundamental Physical Ontologies and the Constraint of Empirical Coherence,” *Synthese*, October 2015.

“A Physicalist Critique of Russellian Monism,” *Consciousness in the Physical World: Essays on Russellian Monism*, T. Alter and Y. Nagasawa, eds. Oxford University Press, 2015.

“Does an Adequate Physical Theory Demand a Primitive Ontology?” with Kathryn Phillips, *Philosophy of Science*, July 2013.

“Introduction” and “Ontological Reduction and the Wave Function Ontology,” *The Wave Function: Essays in the Metaphysics of Quantum Mechanics*. A. Ney and D. Albert eds. Oxford University Press, 2013.

“The Status of Our Ordinary Three Dimensions in a Quantum Universe,” *Noûs*, September 2012.

“Neo-Positivist Metaphysics,” *Philosophical Studies*, August 2012.

“The Causal Contribution of Mental Events,” *The Mental and the Physical: New Perspectives on Type Identity*. S. Gozzano and C. Hill, eds. Cambridge University Press, 2012.

“Convergence on the Problem of Mental Causation: Shoemaker’s Strategy for (Nonreductive?) Physicalists,” *Philosophical Issues*, 2010.  
(Reply by Sydney Shoemaker, “Comments on Alyssa Ney,” in the same issue)

“Are There Fundamental Intrinsic Properties?” *New Waves in Metaphysics*, A. Hazlett, ed. Palgrave-Macmillan, 2010.

“Physical Causation and Difference-making,” *British Journal for the Philosophy of Science*, December 2009.

“Reductionism,” *Internet Encyclopedia of Philosophy*, November 2008.

“Defining Physicalism,” *Philosophy Compass*, July 2008.

“Physicalism as an Attitude,” *Philosophical Studies*, March 2008.

“Can an Appeal to Constitution Solve the Exclusion Problem?” *Pacific Philosophical Quarterly*, December 2007.

“Physicalism and Our Knowledge of Intrinsic Properties,” *Australasian Journal of Philosophy*, March 2007.

## BOOK REVIEWS

“Review of Jessica Wilson’s *Metaphysical Emergence*,” *Notre Dame Philosophical Reviews*, March 2022.

“Review of Peter Lewis’s *Quantum Ontology*,” *Metascience*, September 2017.

“Review of Steven French’s *The Structure of the World*,” *Notre Dame Philosophical Reviews*, December 2014.

“Review of John Heil’s *The Universe as We Find It*,” *British Journal for the Philosophy of Science*, December 2014.

“Review of Tim Maudlin’s *The Metaphysics within Physics*,” *British Journal for the Philosophy of Science*, September 2011.

## **PUBLIC PHILOSOPHY**

"The Collapse of the Wave Function" IAI Debate (with Jacob Barandes and Roger Penrose). [https://iai.tv/video/the-collapse-of-the-wave-function?\\_auid=2020](https://iai.tv/video/the-collapse-of-the-wave-function?_auid=2020)

“Reality is just a quantum wave function: Taking Schrödinger’s wave equation seriously,” *IAI News*, 13 January 2022.  
<https://iai.tv/articles/reality-is-just-a-quantum-wave-function-auid-2024>.

“The many meanings of Schrödinger’s cat: 9 philosophers and scientists interpret quantum theory’s famous thought experiment,” *IAI News*, 24 February 2022.  
<https://iai.tv/articles/the-many-meanings-of-schrodingers-cat-auid-2057>.