

Barry Loewer

Curriculum Vitae 2018

CONTACT INFORMATION

Department of Philosophy
Rutgers University
New Brunswick, NJ 08901
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EDUCATION

Stanford University, Ph.D. Philosophy 1975
Dissertation: "Knowledge, Names, and Necessity"
Advisor: J. Hintikka

Amherst College, BA with honors in Philosophy, Mathematics, and Greek 1965

APPOINTMENTS

2012-Present: Distinguished Professor and Director: Rutgers Center for Philosophy and the Sciences
2008-2012: Chair Department of Philosophy
2005-2006: Senior Fellow, Collegium Budapest
2001-2005: Professor II, Rutgers University and Director of Graduate Studies
1999-2000: Senior Fellow, Collegium Budapest
1989-1996: Adjunct Faculty, Rutgers Cognitive Science Institute
1989-2000: Professor I, Rutgers University (also Graduate Director 89-94)
1988-1989: Fellow National Humanities Center (NEH Fellow)
1986-1989: Professor, University of South Carolina
1985-1986: Visiting Professor, University of Michigan
1983-1984: Visiting Associate Professor, Rutgers University
1980-1985: Associate Professor, University of South Carolina
1975-1980: Assistant Professor, University of South Carolina
1972-1975: Instructor, University of South Carolina

AREAS OF SPECIALIZATION

Philosophy of Science, Philosophy of Physics and Cosmology, Philosophy of Language, Philosophy of Mind, Philosophical Logic

GRANTS

PI of Templeton Grant on the metaphysics of laws "What Breathes Fire into the Equations"

PI of Templeton Grant in Philosophy of Cosmology \$1,600,000 2011-2014
<http://philocosmology.rutgers.edu/>

Rutgers University Provost's Excellence Grant for organizing Center for Philosophy and the Sciences
\$150,000 2008-Present

SUMMER INSTITUTES

Faculty Black Forest Summer School in Philosophy of Physics; Saig, Germany; Summer 2019

Faculty John Bell Institute Summer School on Entropy; Hvar, Croatia; Summer 2019

Faculty Split Summer School on Entropy; Split, Croatia; Summer 2018

Director: Central European University Summer School on Laws of Nature; Budapest, Hungary;
Summer 2018

Faculty "Black Forest Summer School on Quantum Foundations" July 2016, 2017

Director: Summer School in Philosophy of Cosmology; University of California Santa Cruz; Summer
2013

Directed Summer Institute on Conditionals at CEU; Budapest, Hungary; Summer 2010

Directed Summer Institute on Philosophy of Physics at CEU; Budapest, Hungary; Summer 2005

UNIVERSITY AND DEPARTMENTAL SERVICE

Department Chair 2008-2012

Member of the University Wide Promotion Committee (PRC) 2007-2011

Graduate Director Philosophy 1991-1996, 1999-2004

PUBLICATIONS

BOOKS

Philosophy of Cosmology with Anna Ijjas Oxford University Press 2020

A Companion to David Lewis with Jonathan Schaffer Wiley Blackwell 2014

Meaning, Mind, and Matter: Collected Essays with Ernest Lepore 2011

<https://www.oxfordscholarship.com/view/10.1093/acprof:oso/9780199580781.001.0001/acprof-9780199580781>

Physicalism and Its Discontents, with Carl Gillett, Cambridge University Press 2001

Meaning in Mind: The Philosophy of Jerry Fodor, with Georges Rey, Basil Blackwell 1991

Philosophy of Science Editor for the Macmillan Encyclopedia of Philosophy (wrote numerous articles for the Encyclopedia)

PAPERS IN JOURNALS AND BOOKS (PARTIAL LIST)

"Laws and Cosmology". In *Philosophy of Cosmology*, Anna Ijjas and Barry Loewer (ed.), Oxford University Press, *forthcoming*.

"Laws and Induction". In *New Work on Laws*, Mike Hicks (ed.), Oxford University Press, *forthcoming*.

"The Mentaculus Vision". In *Statistical Mechanics and Scientific Explanation: Determinism, Indeterminism, and Laws of Nature*, Valia Allori (ed.), World Scientific, *forthcoming*.

"Philosophy for Physicists: Review of *The Big Picture* by Sean Carroll", *Science* 352(6288), (2016), pp. 903.

"Mental Causation: The Free Lunch". In *Qualia and Mental Causation in a Physical World: Themes from the Philosophy of Jaegwon Kim*, Terence Horgan, Marcelo Sabates, and David Sosa (ed.), Cambridge: Cambridge University Press, (2015), pp. 40-64.

"Philosophy of Physics". In *Bloomsbury Companion to Analytic Philosophy*, Barry Dainton and Howard Robinson (ed.), (2014), pp. 285-311.

"Two Accounts of Laws and Time", *Philosophical Studies* 160(1), (2012), pp. 115-137.

"The Emergence of Time's Arrow and the Special Science Laws from Physics", *Interface Focus* 2, (2012), pp. 13-19.

"Counterfactuals all the way down?", *Metascience* 20(1), (2011), pp. 27-52.

Co-authored with John Carroll, Marc Lange, and Jim Woodward

"Why is There Anything Except Physics?", *Synthese* 170(2), (2009), pp. 217-233.

"Why There *Is* Anything except Physics". In *Being Reduced: New Essays on Reduction, Explanation, and Causation*, Jakob Hohwy and Jesper Kallestrup (ed.), New York: Oxford University Press, (2008).

"Determinism". In *The Routledge Companion to Philosophy of Science*, Stathis Psillos and Martin Curd (ed.), Routledge, (2008), pp. 327-337.

"Mental Causation or Something Near Enough". In *Contemporary Debates in Philosophy of Mind*, Brian McLaughlin and Jonathan Cohen (ed.), Malden, MA: Wiley-Blackwell, (2007) pp. 243-264.

"Counterfactuals and the Second Law". In *Causation, Physics, and the Constitution of Reality: Russell's Republic Revisited*, Huw Price and Richard Corry (ed.), New York: Oxford University Press, (2007) pp. 293-326.

"Laws and Natural Properties", *Philosophical Topics* 35(1-2), (2007), pp. 313-328.

"Philosophy of Physics". In *The Encyclopedia of Philosophy, 2nd Edition*, Donald Borchert (ed.), MacMillan Reference USA, (2006).

"On Field's *Truth and the Absence of Fact*", *Philosophical Studies* 124(1), (2005), pp. 59-70.

"Humean Supervenience". In *Readings on Laws of Nature*, John Carroll (ed.), Pittsburgh: University of Pittsburgh Press, (2004) pp. 176-206.

"David Lewis's Humean Theory of Objective Chance", *Philosophy of Science* 71(5), (2004), pp. 1115-1125.

"Time for Philosophy". In *The Budapest Review of Books*, (2003).

"Consciousness and Quantum Theory: Strange Bedfellows". In *Consciousness: New Philosophical Perspectives*, Quentin Smith (ed.), New York: Oxford University Press, (2003) pp. 507-524.

"Comments on Jaegwon Kim's *Mind and the Physical World*", *Philosophy and Phenomenological Research* 65(3), (2002), pp. 655-662.

"From Physics to Physicalism". In *Physicalism and Its Discontents*, Carl Gillett (ed.), New York: Cambridge University Press, (2001) pp. 37-56.

"Determinism and Chance", *Studies in History and Philosophy of Modern Physics* 32B(4), (2001), pp. 609-620.

"Copenhagen Versus Bohmian Interpretations of Quantum Theory", *British Journal for the Philosophy of Science* 49(2), (1998), pp. 317-328.

"Probability Theory and Epistemology". In *The Routledge Encyclopedia of Philosophy*, Taylor and Francis, (1998).

"A Guide to Naturalizing Semantics". In *A Companion to the Philosophy of Language*, Bob Hale and Crispin Wright (ed.), Malden, MA: Blackwell, (1997) pp. 108-126.

"Freedom From Physics: Quantum Mechanics and Free Will", *Philosophical Topics* 24(2), (1996), pp. 91-112.

"Tails of Schrödinger's Cat". In *Perspectives on Quantum Reality: Non-Relativistic, Relativistic, and Field-Theoretic*, Rob Clifton (ed.), Dordrecht: Springer Netherlands, (1996), pp. 81-92.
Co-authored with David Albert

"Humean Supervenience", *Philosophical Topics* 24(1), (1996), pp. 101-127.

"Comment on Lockwood", *British Journal for the Philosophy of Science* 47(2), (1996), pp. 229-232.

"Quine and the Attitudes". In *On Quine: New Essays*, Paolo Leonardi (ed.), New York: Cambridge University Press, (1995) pp. 186-205.
Co-authored with Ernie Lepore

"An Argument for Strong Supervenience". In *Supervenience: New Essays*, Elias Savellos (ed.), Cambridge, UK: Needham Heights, (1995) pp. 218-225.

“Hector Meets 3-D: A Diaphilosophical Epic” (Volume 8: Logic and Language), *Nous-Supplement: Philosophical Perspectives* 8, (1994), pp. 389–414.

Co-authored with Marvin Belzer

“Probability and Quantum Theory”. In *Patrick Suppes Festschrift*, Paul Humphries (ed.), Reidel, (1994), pp. 3-28.

“Non-ideal Measurements”, *Foundations of Physics Letters* 6(4), (1993), pp. 297-305.

Co-authored with David Albert

“Absolute Obligations and Ordered Worlds”, *Philosophical Studies* 72, (1993), pp. 47-70.

Co-authored with Marvin Belzer

“The Value of Truth”, *Philosophical Issues* 4, (1993), pp. 265-280.

“The Measurement Problem: Some ‘Solutions’”, *Synthese* 86, (1991), pp. 87-98.

Co-authored with David Albert

“*Prima Facie* Obligation”. In *John Searle and His Critics*, Ernest Lepore and Robert van Gulick (ed.), Cambridge, MA: Basil Blackwell, (1991), pp. 359-370.

Co-authored with Marvin Belzer

“Wanted Dead or Alive: Two attempts to Solve Schrödinger’s Paradox”, *PSA: Proceedings of the Biennial Meeting of the Philosophy of Science Association*, (1990), pp. 277-285.

Co-authored with David Albert

“What Davidson Should have Said”, *Grazer Philosophica*, (1989), pp. 65-78. Reprinted in *Information Based Semantics and Epistemology*, E. Villeneuve (ed.), Basil: Blackwell, (1990), pp. 190-199.

“A Study in Comparative Semantics”. In *Propositional Attitudes: The Role of Content in Logic, Language, and Mind*, Tony Anderson and Joseph Owens (ed.), University of Chicago Press, (1989), pp. 91-112.

“You Can Say *That* Again”, *Midwest Studies in Philosophy* 14, (1989), pp. 338-356.

Co-authored with Ernie Lepore

“Two No-Collapse Interpretations of Quantum Theory”, *Nous* 23, (1989), pp. 169-186.

Co-authored with David Albert

“More on Making Mind Matter”, *Philosophical Topics* 17, (1989), pp. 175-191.

Co-authored with Ernie Lepore

“Absolute Truth Theories for Modal Languages as Theories of Interpretation”, *Critica* 21, (1989), pp. 43-73.

Co-authored with Ernie Lepore

“A Conditional Logic for Defeasible Beliefs”, *Decision Support Systems* 4(1), (1988), pp. 29-42.

Co-authored with Marvin Belzer

“Interpreting the Many Worlds Interpretation”, *Synthese* 77, (1988), pp. 195-213.

Co-authored with David Albert

- "A Putnam's Progress", *Midwest Studies in Philosophy* 12, (1988), pp. 459-473.
Co-authored with Ernie Lepore
- "Formalizing Defeasible Deontic Reasoning". In *Defeasible Reasoning*, D. Nute (ed.), Kluwer, (1987), pp. 88-101.
Co-authored with Marvin Belzer
- "Mind Matters", *Journal of Philosophy* 84, (1987), pp. 630-642.
Co-authored with Ernie Lepore
- "From Information to Intentionality", *Synthese* 70, (1987), pp. 287-317.
- "Help for the Good Samaritan Paradox", *Philosophical Studies* 50, (1986), pp. 117-128.
Co-authored with Marvin Belzer
- "Solipsistic Semantics", *Midwest Studies in Philosophy*, (1986), pp. 595-614.
Co-authored with Ernie Lepore
- "Dual Aspect Semantics". In *New Directions in Semantics*, Ernest Lepore (ed.), Academic Press, (1986), 83-112. Reprinted in *Representations*, Stuart Silvers (ed.), Philosophical Studies Monographs 40, (1989), pp. 161-188.
Co-authored with Ernie Lepore
- "Destroying the Consensus", *Synthese* 62, (1985), pp. 79-96.
Co-authored with Robert Laddaga
- "Dyadic Deontic Detachment", *Synthese* 54, (1983), pp. 295-318.
Co-authored with Marvin Belzer
- "Three Trivial Truth Theories", *Canadian Journal of Philosophy* 13(3), (1983), pp. 433-447.
Co-authored with Ernie Lepore
- "Information and Belief", *Behavioral Brain Sciences* 2, (1983), pp.
- "The Role of 'Conceptual Role Semantics'", *Notre Dame of Formal Logic* 23, (1982), pp. 305-315.
- "Translational Semantics", *Synthese* 48, (1981), pp. 121-134.
Co-authored with Ernie Lepore
- "Descartes' Skeptical and Antiskeptical Arguments", *Philosophical Studies* 39, (1981), pp. 163-182.
- "The Truth Pays", *Synthese* 43, (1980), pp. 369-380.
- "Cotenability and Counterfactual Logics", *Journal of Philosophical Logic* 8, (1979), pp. 99-115.
- "Leibniz and the Ontological Argument", *Philosophical Studies* 34, (1978), pp. 105-109.
- "On The Likelihood Principle and a Supposed Antinomy", *PSA: Proceedings of the Biennial Meeting of the Philosophy of Science Association*, (1978), pp. 279-286.
Co-authored with Robert Laddaga and Roger Rosenkrantz
- "Counterfactuals with Disjunctive Antecedents", *Journal of Philosophy* 73, (1976), pp. 531-536.
- "Comment on Joseph Agassi", *Synthese* 30(1/2), (1975), pp. 25-30.