

## CURRICULUM VITAE

Jarrett Leplin  
 Professor of Philosophy  
 University of North Carolina  
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*Degrees*

- B.A. Mathematics (with Honors), Amherst College, June, 1966.  
 Thesis: *Completeness and Decidability in Formal Systems*
- M.A. Philosophy, University of Chicago, June, 1967.
- Ph.D. Philosophy, University of Chicago, June, 1972.  
 Dissertation: *The Concept of an Ad Hoc Hypothesis*  
 Advisors: Dudley Shapere, Kenneth Schaffner, William Wimsatt

*Research Emphasis*

Philosophy of science and epistemology: scientific methodology, analysis of scientific change, cognitive status of theories, realism, explanation, theories of epistemic justification, theories of evidence and confirmation, epistemic paradoxes

*Teaching Emphasis*

Philosophy of Science, Epistemology, Logic

*University Appointments*

Illinois Institute of Technology, 1967-70, Instructor

University of Maryland, Baltimore, 1970-71, Instructor

University of North Carolina Greensboro

1971-76 Assistant Professor

1976-82 Associate Professor

1982- Professor

### *Publications*

"Meaning Variance and the Comparability of Theories", *British Journal for the Philosophy of Science*, Vol. 20 (1969), pp. 69-75.

"Contextual Falsification and Scientific Methodology", *Philosophy of Science*, Vol. 39, no. 4 (1972), pp. 476-490.

"The Concept of an *Ad Hoc* Hypothesis", *Studies in History and Philosophy of Science*, Vol. 5, no. 4 (1975), pp. 309-347.

"Synchronization Rules and Transitivity", *British Journal for the Philosophy of Science*, Vol. 27 (1976), pp. 399-402.

"Theoretical Identification and the Mind-Body Problem", *Philosophia*, Vol. 8, no. 4 (1979), pp. 673-689.

"Reference and Scientific Realism", *Studies in History and Philosophy of Science*, Vol. 10, no. 4 (1979), pp. 265-284.

*Propositional Logic*, University Press of America, 1979, (a rigorous development of propositional logic with metatheory, emphasizing comparison of methods).

"The Role of Models in Theory Construction", in *Scientific Discovery, Logic and Rationality*, T. Nickles (ed.), *Boston Studies in the Philosophy of Science*, Vol. 56 (Dordrecht: D. Reidel, 1980), pp. 267-284.

"Truth and Scientific Progress", *Studies in History and Philosophy of Science*, Vol. 12, no. 4 (1981), pp. 269-291; revised version in J. Leplin (ed.), *Scientific Realism*, University of California Press, 1984.

"The Assessment of Auxiliary Hypotheses", *British Journal for the Philosophy of Science*, Vol. 33, no. 3 (1982), pp. 235-249.

"The Historical Objection to Scientific Realism", *Proceedings of the Philosophy of Science Association*, 1982, Vol. 1, pp. 88-98.

*Scientific Realism*, edited with a critical introduction by J. Leplin (Berkeley: University of California Press, 1984) 266 pages.

Review of Earman, J. (ed.), *Testing Scientific Theories*, *ISIS*, Vol. 75, no. 4, (1984) pp. 723-724.

Review of Hacking, I., *Representing and Intervening*, *Philosophy of Science*, Vol. 52, no. 2 (1985) pp. 314-315.

Review of Niiniluoto, I., *Is Science Progressive?*, *Philosophy of Science*, Vol. 52, no. 4 (1985) pp. 646-648.

"Methodological Realism and Scientific Rationality", *Philosophy of Science*, Vol. 53, no. 1 (1986) pp. 31-52.

"Testing Methodologies Against History", *Synthese*, vol. 69, no. 2 (1986) pp. 141-225, with others.

Review of Nersessian, N., *Faraday to Einstein: The Construction of Meaning in Scientific Theories*, *British Journal for the Philosophy of Science*, Vol. 38, no. 4 (1987) pp. 575-577.

- "The Bearing of Discovery on Justification", *Canadian Journal of Philosophy*, Vol. 17, no. 4 (1987) pp. 805-814.
- "The Role of Experiment in Theory Construction", *International Studies in the Philosophy of Science*, vol. 2, no. 1 (1987) pp. 72-83.
- "Le realisme scientifique et les faits nouveaux", *Comptes Rendus de L'Ecole Normale Supérieure*, Paris, 1987.
- "Surrealism", *Mind*, vol. 96, no. 384 (1987) pp. 519-525.
- Review of Rom Harre, *Varieties of Realism*, *ISIS*, vol. 79, no. 2 (1988) pp. 309-310.
- Review of Ernan McMullin, *Construction and Constraint*, *ISIS*, vol 79, (1988), 691-692.
- PSA 88*, Vol. 1, J. Leplin and A. Fine (eds.), contributed papers for the 1988 meeting of the Philosophy of Science Association.
- PSA 88*, Vol. 2, J. Leplin and A. Fine (eds.), invited papers and addresses for the 1988 meeting of the Philosophy of Science Association.
- "Is Essentialism Unscientific?", *Philosophy of Science*, Vol. 55, no. 4 (1988).
- "La Rationalite sous conditions du changement epistemique", *Methodologie de la Science Empirique*, Centre de Recherche en Epistemologie Appliquee, Cahier no. 14, pp. 247-263, Paris, 1989.
- "Confirmation in Sociobiology", Commentary on Barbara Horan, "Functional Explanations in Biology", *Biology and Philosophy*, vol. 4, no. 2, (1989), pp. 169-172.
- "Renormalizing Epistemology", *Philosophy of Science*, vol. 57, no. 2 (1990), pp. 20-34.
- "Empirical Equivalence and Underdetermination", *Journal of Philosophy*, vol. 88, no. 9, September, 1991, pp. 449-473 (with Larry Laudan).
- Review of Larry Laudan, *Science and Relativism*, *Philosophy of Science*, vol. 59 no.4 (1992).
- "Realism and Methodological Change", *PSA 92*, vol. 1, D. Hull and K. Okruhlik, eds., pp. 435-446.
- "Determinism Underdetermined", *Analysis*, vol. 53, no. 1 (1993), pp. 8-16, (with Larry Laudan).
- "Changing Evaluative Practice in Physics", *Mexican Journal of Behavior Analysis*, monograph issue, vol 20, 1994.
- "Kitcher's Realism", *Philosophy of Science*, vol. 61, no. 4, 1994, pp. 666-672.
- The Creation of Ideas In Physics*, edited with an introductory essay by J. Leplin, Kluwer Academic Press, 1995.
- A Novel Defense of Scientific Realism*, Oxford University Press, 1997.
- "The Underdetermination of Total Theories", *Erkenntnis*, vol 47, no.2, 1997, pp. 203-215.
- Review of James Cushing, *Philosophical Concepts in Physics*, *Endeavor*, 1999.
- "Reply to Professor Maudlin," *Philosophical Books*, 1999.

"Realism and Instrumentalism", in William Newton-Smith (ed.), *Companion to the Philosophy of Science*, Blackwell, 1999.

"Diversity," in *A Turn in Time*, TransVerse Press, 1999.

Review of Andre Kukla, *Studies in Scientific Realism, Philosophical Review*, vol. 109, No. 1, 2000, pp. 109-112.

Review of Stathis Psillos, *Scientific Realism, Mind*, vol. 109,n.436, 2000, pp. 980-983.

"The Epistemic Status of Auxiliaries", *Philosophical Quarterly*, 2000.

"Lakatos's Epistemic Aspirations," *Theoria*, v. 16, n.42, pp. 481-498, 2001.

"A Theory's Predictive Success Can Warrant Belief in the Unobservable Entities it Postulates" in *Contemporary Debates in the Philosophy of Science*, Christopher Hitchcock, ed., pp. 117-133, Malden MA: Blackwell Publishing, 2004.

"Scientific Realism," in *The Philosophy of Science, An Encyclopedia*, Sahotra Sarkar, ed., Routledge, 2005.

"Para incorporar a Popper en el tratamiento del realismo científico", in Gonzalez, W.J. (ed.), *Karl Popper: Revision de su legado*, Union editorial, Madrid, 2004.

"Popper's Realism", Proceedings of the 2002 Conference on Karl Popper at the University of Paris, Sorbonne.

"In Defense of Reliabilism", *Philosophical Studies*, forthcoming.

"Reply to Christensen", *Philosophical Studies*, forthcoming.

"Reply to Cross", *Philosophical Studies*, forthcoming.

"Evolution and Revolution in Science", *Oxford Handbook in the Philosophy of Science*, Larry Sklar, ed., forthcoming.

Review of Wesley Salmon, *Reality and Rationality*, *Mind*, forthcoming.

### *Lectures and Addresses*

I have given approximately 75 talks and lectures at university and academic association meetings in America and Europe. I have appeared in all capacities on programs of all sections of the American Philosophical Association and the Philosophy of Science Association.

### *Teaching*

I have taught the full range of standard subjects in philosophy, concentrating in philosophy of science, logic, and epistemology. I have designed many new courses and given many special courses - courses on special topics or for special audiences, such as honors undergraduates, graduate students in other fields, and continuing education students. I have served on PhD dissertation committees in psychology. I conducted a government-sponsored series of lectures Albert Einstein during the Einstein Centennial year. I gave a series of lectures for the graduate program in history and philosophy of science

at Cambridge University. I have been Visiting Professor at the University of Hawaii and Visiting Scholar at The University of North Carolina, Chapel Hill and Duke University.

#### *Administration*

I have had substantial experience in academic administration. I have been special consultant to the Dean, the Provost, and the Chancellor of UNC Greensboro on many issues of academic policy. I had the primary, appointed role in reforming the undergraduate arts and sciences curriculum at UNC Greensboro, and in that capacity authored and saw through to enactment and implementation the university's current system of curricular requirements. I have had a major role in reviewing and approving research grant applications and in formulating research policy for the university. I served for ten years (including two reappointments) as Head of the UNC Greensboro Department of Philosophy. I have served on over a dozen College and University committees, and currently serve on the University Research Policies Committee.

#### *Offices Held in Professional Associations*

Secretary-Treasurer and Program Chairman, North Carolina  
Philosophical Society, 1975-77.  
President, North Carolina Philosophical Society, 1977-79.  
Program Director, Philosophy of Science Association, 1988

#### *Consultation*

I regularly referee articles for several major journals and academic presses. I regularly serve as consultant on grant submissions to NEH and NSF.

#### *Grants and Awards*

I have received several grants in support of research, including an NEH Fellowship, an NEH summer stipend, and travel grants from the National Science Foundation and the American Philosophical Society.