

## Arthur Fine

Department of Philosophy	206-543--5855 (Office)
University of Washington	206-685-8740 (FAX)
Seattle, WA 98195-3550	afine@uw.edu

### Academic Training

University of Chicago, Ph.D. (Philosophy) 1963  
Cambridge University, Postdoctoral Fellow (History & Philosophy of Science)

### Academic Appointments

As Professor of Philosophy:

University of Washington (Professor Emeritus, 2014 ),  
Adjunct Professor of History & Adjunct Professor of Physics  
Northwestern University (John Evans Professor)  
University of Illinois at Chicago  
Cornell University

As Visiting Professor of Philosophy:

University of Notre Dame  
University of California at Los Angeles,  
Stanford University  
University of Chicago  
London University

Also

Distinguished Visitor, Williams College  
Rufus Putnam Visitor, Ohio University  
Visiting Scholar, Harvard University  
Cowling Foundation Visitor, Carleton College  
Academic Visitor, London School of Economics and Political Science  
Supervisor in History and Philosophy of Science, Cambridge University

### Professional Appointments

President: American Philosophical Association, Central Division, 1997-98  
President: Philosophy of Science Association, 1987-89

Subject Editor (with J. Worrall): "Philosophy of Science," *Routledge Encyclopedia of Philosophy*

Editor-in-Chief: *Proceedings of the Philosophy of Science Association*

Co-Editor (with S. Shoemaker): *The Philosophical Review*

Advisory Panels: National Endowment for the Humanities, National Science Foundation, National Academy of Sciences

Governing Board: American Philosophical Association, Philosophy of Science Association

Editorial Board: *Foundations of Physics*, *International Journal of Quantum Foundations*, *Studies in History & Philosophy of Modern Physics*

Panel of Referees: *European Physics Journal*, *International Journal of Theoretical Physics*, *Nous*, *Philosophical Review*, *Philosophical Studies*, *Physical Review*, *Physics Letters A*, *Quantum Studies: Mathematics and Foundations*, *Synthèse*

## Awards & Honors

Fellow, American Academy of Arts and Sciences  
Named Prize: The Arthur Fine Prize in Philosophy of Science.  
A biennial award to a University of Washington graduate student for an essay submission to a conference on philosophy of science.

## Fellowships

Dibner Institute for History of Science and Technology (M.I.T.), Visiting Fellow  
Center for Advanced Study in the Behavioral Sciences  
John Simon Guggenheim Memorial Foundation  
National Endowment for the Humanities (Senior Fellowship)  
N.A.T.O. Postdoctoral Fellowship  
National Science Foundation Regular Postdoctoral Fellowship

## Research Grants

National Science Foundation (principal investigator for five research grants)  
American Council of Learned Societies (foreign travel grant)

## Teaching Grants

National Endowment for the Humanities:  
Director, Summer Seminar for College Teachers  
National Science Foundation:  
Director, Institute for Secondary School Teachers of Mathematics

## Publications

### A. Books

*The Shaky Game: Einstein, Realism and The Quantum Theory*. Chicago: University of Chicago Press, 1986. Revised Paperback Edition, 1988. Japanese Translation, 1992. Second Edition 1996. E-edition 2012.

### Edited Collections

1. *Bohmian Mechanics and Quantum Theory: An Appraisal*. Dordrecht: Kluwer, 1996. (Co-edited with J. Cushing and S. Goldstein.)
2. *PSA: 1986, PSA:1988 and PSA:1990*, Vols. 1 & 2. (Co-edited with M. Forbes *et al.*)

### B. Select Articles

#### Some Recent Articles

- Motives for Research. *Spontaneous Generations: A Journal for the History and Philosophy of Science*, Vol. 9, No.1 (2018) 42-45.
- The Einstein-Podolsky-Rosen Argument in Quantum Theory. In E. N. Zalta (ed.) *The Stanford Encyclopedia of Philosophy*, 2017, <http://plato.stanford.edu/entries/qt-epr/>
- (Jointly with J. D. Malley) A simplified basis for Bell-Kochen-Specker theorems. *Physics Letters A* 378:Issue 35 (11 July, 2014) 2611-13. Also online at <http://arxiv.org/abs/1407.4838> .
- (Jointly with M. Schlosshauer) No-Go theorem for the composition of quantum systems. *Physical Review Letters* 112, 070407 (29 February, 2014). Online at [arXiv:1306.5805v3\[quant-ph\]](https://arxiv.org/abs/1306.5805).
- Bohr's Response to EPR: Criticism and Defense. *Iyyun, The Jerusalem Philosophical Quarterly* 56 (2007) 31-56.
- Relativism, Pragmatism and the Practice of Science. In Cheryl Misak (ed.), *The New Pragmatists*. Oxford: Oxford University Press, 2007, pp. 50-67.

## Some Others of Current Interest

- (Jointly with E. Winsberg) Quantum Life: Interaction, Entanglement, and Separation. *Journal of Philosophy* C (2003) 80-97.
- The Viewpoint of No-one in Particular. *Proceedings and Addresses of The American Philosophical Association* 72 (1998) 9-20. Reprinted in Mike Sandbothe and William Egginton (eds.) *The Pragmatic Turn in Philosophy*. Albany, NY: SUNY Press, 2004, pp. 115-29.
- (Jointly with D. Fine) Gauge Theory, Anomalies and Global Geometry: The Interplay of Physics and Mathematics. *Studies in History and Philosophy of Modern Physics* 28 (1997)1-18.
- Science Made Up: Constructivist Sociology of Scientific Knowledge. In P. Galison and D. Stump (eds.) *The Disunity of Science: Boundaries, Contexts, and Power*. Stanford: Stanford University Press, 1996, pp. 231-54.
- Indeterminism and the Freedom of the Will. In J. Earman *et al.* (eds.) *Philosophical Problems of the Internal and External Worlds*. Pittsburgh: University of Pittsburgh Press, 1993, pp. 551-72.
- Fictionalism. *Midwest Studies in Philosophy* 18 (1993) 1-18. Reprinted in M. Suárez (ed.), *Fictions in Science: Philosophical Essays on Modeling and Idealization*. London: Routledge, 2009, pp. 19-36.
- Measurement and Quantum Silence. In S. French and H. Kamminga (eds.) *Correspondence, Invariance and Heuristics*, Dordrecht: Kluwer, 1993, pp. 279-94.
- Einstein's Interpretations of the Quantum Theory. *Science in Context* 6 (1993) 257-73.
- Piecemeal Realism. *Philosophical Studies* 61 (1990) 79-96.
- Causes of Variation: Disentangling Nature and Nurture. *Midwest Studies in Philosophy* 15 (1990) 94-113.
- Do Correlations Need to be Explained? In J. Cushing and E. McMullin (eds.) *Philosophical Consequences of Quantum Theory*. Notre Dame: U. of Notre Dame Press, 1989, pp. 175-94.
- Hidden Variables, Joint Probability and the Bell Inequalities. *Physical Review Letters* 48 (1982) 291-95.
- Joint Distributions, Quantum Correlations and Commuting Observables. *Journal of Mathematical Physics* 23 (1982) 1306-10.
- Insolubility of the Quantum Measurement Problem. *The Physical Review* D2 (1970) 2783-87.

Plus over one hundred other articles and reviews in philosophical and scientific journals, and in numerous anthologies.