CURRICULUM VITAE

Philip Stuart Kitcher

August 2022

Date of Birth: February 20 1947Place of Birth: London, EnglandCitizenship: British by origin, naturalized American citizen (May 1995).

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Higher Education

Christ's College, Cambridge; 1966-1969, B.A. 1969, (M.A. 1996). (First class honours in Mathematics/History and Philosophy of Science)

Princeton University; 1969-1973; Ph.D. 1974 (Department of Philosophy/Program in History and Philosophy of Science)

Honorary Degrees

Doctor, *honoris causa* Erasmus University Rotterdam November 2013 (on the occasion of the University centennial; awarded for "outstanding contributions to philosophy of science")

Doctor, *honoris causa* University for Humanistic Studies, Utrecht January 2019 (on the occasion of the University's 30th Anniversary; awarded for "outstanding contributions to humanistic philosophy")

Honorary Doctorate University of Athens (National and Kapodistrian University, Athens), July 2022; awarded for my contributions to philosophy and to history and philosophy of science

Honors and Awards

Henry Schuman Prize (awarded by the History of Science Society, for the best essay by a graduate student), 1971

University of Vermont Summer Research Grant, 1975

University of Vermont Summer Research Grant, 1979

NEH Summer Research Grant, 1979

ACLS Study Fellowship, 1981-82

University of Vermont Distinguished Scholar in Humanities and Social Sciences, 1983

NEH Fellowship for College Teachers, 1983-84

NEH Grant for Institute to Investigate a Possible New Consensus in Philosophy of Science (Joint Principal Investigator with C. Wade Savage)

Imre Lakatos Award (co-winner with Michael Friedman) 1986. Awarded for *Vaulting Ambition*.

NEH Fellowship for University Teachers 1988-89 (declined)

John Simon Guggenheim Fellowship 1988-89

Principal Investigator, five-year NSF Research and Training Grant for the development of a Science Studies Center at UCSD. (Awarded Fall 1990).

Revelle College (UCSD) Distinguished Teaching Award, 1990.

Appointed Presidential Professor UCSD 4/1/1993

UCSD Alumni Distinguished Teaching Award 1993

Library of Congress, Senior Fellow: Bio-Ethics Issues in Molecular Genetics, 1993-94.

Vice-President, American Philosophical Association (Pacific Division), 1996-97.

President, American Philosophical Association (Pacific Division), 1997-98.

Revelle College (UCSD) Outstanding Faculty Award 1999

Fellow: American Academy of Arts and Sciences (elected 2002)

Phi Beta Kappa Romanell Professor, 2003-4

Lionel Trilling Award (for In Mendel's Mirror) 2004

Prometheus Prize, 2006 (awarded by the American Philosophical Association for lifetime achievement in "expanding the frontiers of science and philosophy"; I was the first recipient of this prize).

Friend of Darwin Award 2008 (given by the National Committee on Science Education)

Lannan Foundation Notable Book Award 2008 (given for Living with Darwin)

Lenfest Distinguished Faculty Award, Columbia University, 2009.

Award for Distinguished Service to the Columbia Core Curriculum (2009).

Humboldt Prize (2010).

Fellow, Wissenschaftskolleg zu Berlin 2011-2012

Elected as Laureate of the International Academy of Humanists (2013)

Elected as Honorary Foreign Member of the Turkish Academy of Science (2013)

Berlin Prize (awarded by the American Academy in Berlin; 2015)

Phi Beta Kappa Visiting Scholar, 2016-17

Member of the American Philosophical Society (elected 2018)

Honorary Fellow, Christ's College, Cambridge (elected 2018)

Rescher Medal 2019 (awarded biennially for contributions to Systematic Philosophy), conferred February 2020

Elected to the British Academy, July 2021

Hempel Award "recognizing outstanding lifetime achievement in the philosophy of science"; awarded biennially by the Philosophy of Science Association; the award for 2020 was presented at the postponed meeting of the Association, in November 2021

Teaching Experience

Vassar College: Assistant Professor, Philosophy, 1973-74.

University of Vermont: Assistant Professor, Philosophy, 1974-Fall 1978

University of Michigan: Visiting Assistant Professor, Philosophy, Winter 1979

University of Vermont: Associate Professor, Philosophy, 1979-1983

University of Minnesota:

Professor, Philosophy, 1983-1986. Director, Minnesota Center for the Philosophy of Science, 1984-1986.

University of California/San Diego:

Professor, Philosophy, 1986-1993 Faculty Coordinator for Science Studies, 1989-1991 Presidential Professor, 1993-1999.

Columbia University:

Professor of Philosophy, 1998-2020. John Dewey Professor of Philosophy, 2003-2020 John Dewey Professor of Philosophy, Emeritus, 2020—present Chair, Contemporary Civilization, 2004-2007 James R. Barker Professor of Contemporary Civilization, 2005-07

Publications

- (a) Books
 - Abusing Science: The Case Against Creationism. MIT Press, 1982 (paperback 1983).
 Chapter 2 has been reprinted in: Michael Bratman and John Perry (eds) Introduction to Philosophy (Oxford University Press), Steven Cahn, Patricia Kitcher, and George Sher (eds) Reason At Work (Harcourt Brace Jovanovich), and Norman Bowie (ed) The Philosophical Tradition. Chapters 2-4 also appear in Polish in a Polish volume on the Creation-Evolution controversy. Parts also appear in Robert Solomon et. al. (eds.) Twenty Questions (Harcourt Brace), and in E. Klemke et.al. (eds) Readings in the Philosophy of Science. Chapter 1 appears in Helen Lauer (ed) History and Philosophy of Science for Science Students Committed in Africa (Unesco). A translation of the entire book into Korean has appeared from EJ Books (Seoul).
 - The Nature of Mathematical Knowledge. Oxford University Press, 1983 (paperback 1984).
 Chapter 7 is reprinted in Thomas Tymoczko (ed) New Directions in the Philosophy of Mathematics (Birkhauser, 1987). A translation into Portuguese is currently in preparation. A French translation is under contract with Payot. Parts have also been translated into Chinese.
 - 3. *Vaulting Ambition: Sociobiology and the Quest for Human Nature.* MIT Press, 1985 (paperback 1987).

A Chinese translation is forthcoming. Reprinted as an MIT Press Classic

- 4. The Advancement of Science, Oxford University Press, April 1993 (paper January 1995).
 Parts of Chapter 4 are reprinted in Robert Klee (ed) Scientific Inquiry: Readings in the Philosophy of Science (Oxford University Press, 1998).
 Other parts of Chapter 4 are reprinted in J. Arthur and W. Throop (eds) Reason and Culture (Prentice-Hall, forthcoming).
 A translation into Spanish has been published by UNAM Press. A Korean translation is in preparation.
- 5. *The Lives to Come: The Genetic Revolution and Human Possibilities* (Simon.and Schuster [U.S.], Penguin [U.K.], January 1996, paperback editions 1997).

A German translation has been published by Luchterhand under the title *Genetik und Ethik*. A Greek translation has been published by the University of Patras Press. A Spanish translation has been published by UNAM press.. The American paperback contains a postscript on cloning, almost identical with the article "Whose Self is it, Anyway?" (*The Sciences*, see below). That postscript is reprinted in Barbara MacKinnon (ed) *Human Cloning: Science, Ethics, and Public Policy* (University of Illinois Press), and in Glenn McGee (ed) *The Human Cloning Debate* (Berkeley Hills Books). Chapter 8 appears in W. Glannon *Bioethics* (Oxford University Press). Extracts appear in Mark Rothstein *Genetics: Ethics, Law and Policy* (West Publishing, 2002); and in Brenda Spatt *Writing From Sources* (Bedford/St. Martin's, 2002).

- 6. *Science, Truth, and Democracy*, Oxford University Press, 2001; paperback 2003. A French translation appeared in 2010 with *Presses Universitaires de France*. A Chinese translation (simplified characters) has been published by Shanghai Jiaotong University Press.
- 7. *In Mendel's Mirror: Philosophical Reflections on Biology*, Oxford University Press, 2003. (This is a collection of seventeen of my articles: articles numbers 21, 22, 24, 38, 43, 45, 51, 54, 55, 59, 70, 72, 82,83, 84, 92, 93).
- 8. *Finding an Ending: Reflections on Wagner's <u>Ring</u>, co-authored with Richard Schacht, Oxford University Press, March 2004. Paperback May 2005.*
- Living with Darwin: Evolution, Design, and the Future of Faith, Oxford University Press, 2007 A German translation, Mit Darwin Leben, was published by Suhrkamp (2009).
- 10. *Joyce's Kaleidoscope: An Invitation to Finnegans Wake*, Oxford University Press, 2007. Paperback, 2008.

- 11. The Ethical Project, Harvard University Press, 2011 (paperback 2014) Translations into Korean, Arabic, and Chinese have appeared. Selected as a Choice Outstanding Academic Title of the Year, and Winner of an Association of American Publishers PROSE Award for Excellence (Philosophy Category)
- 12. *Science in a Democratic Society*, Prometheus Books, 2011. Translated into Chinese.
- 13. *Preludes to Pragmatism*, Oxford University Press, 2013; (a collection of essays, some published, some new)
- 14. *Deaths in Venice*, Columbia University Press, 2013; (an expanded version of my Schoff Lectures). Spanish translation (Editorial Cátedra, Madrid, 2016).
- 15. *Philosophy of Science: A New Introduction* (co-authored with Gillian Barker); Oxford University Press, 2013
- 16. Life After Faith: The Case for Secular Humanism, Yale University Press, 2014
 A translation into Italian is forthcoming
- 17. The Seasons Alter: How to Save the Human Future in Six Acts, (coauthored with Evelyn Fox Keller), W.W. Norton (Liveright): April 2017 A Spanish translation has appeared (Madrid, Errata naturae editores.)
- 18. *Moral Progress* (an expanded version of my Munich Ethics Lectures, with commentary from Rahel Jaeggi, Susan Neiman, and Amia Srinivasan, together with a response by me); Oxford University Press, June 2021.
- 19. *The Main Enterprise of the World: Rethinking Education* (an expanded version of my Strauss Lectures); Oxford University Press, November 2021.
- 20. *What's the Use of Philosophy?*, forthcoming from Oxford University Press, autumn 2022
- 21. *John Stuart Mill*, (Columbia Core Series), Columbia University Press, autumn 2022

In Progress

Homo Quaerens: Progress, Truth, and Values, an expanded version of my Descartes Lectures, to be submitted to Oxford University Press

(b) *Books Edited*

PSA 1984, co -edited with Peter Asquith, Philosophy of Science Association, two volumes.

Essays on the History and Philosophy of Modern Mathematics, co-edited with William Aspray, University of Minnesota Press (Minnesota Studies in the Philosophy of Science), 1987.

(In addition to my article "Mathematical Naturalism", this volume contains "An Opinionated Introduction", jointly authored by William Aspray and me).

I served as guest editor for a special issue of the *Revue Internationale de Philosophie* on Philosophy of Mathematics (1988).

Scientific Explanation, co-edited with Wesley Salmon, University of Minnesota Press (Minnesota Studies in the Philosophy of Science), 1989.

- *Ulysses: Philosophical Perspectives*, Oxford University Press, 2020. (In addition to my chapter, "Something Rich and Strange: Joyce's Perspectivism", this volume contains an Introduction.)
- *Truth and Evidence*, co-edited with Melissa Schwartzberg, NYU Press, November 2021; Volume LXIV of the *NOMOS* series in Political and Legal Philosophy

(c) *Articles*

- 1. "Fluxions, Limits and Infinite Littlenesse", *Isis*, 64, 1973, 33-49.
- "Kant and the Foundations of Mathematics", *Philosophical Review*, LXXIV, 1975, 23-50.
 Reprinted in Carl Posy (ed) *Kant's Philosophy of Mathematics*, Dordrecht: Reidel, 1992.
- 3. "Bolzano's Ideal of Algebraic Analysis", *Studies in the History and Philosophy of Science*, 6, 1975, 229-271.

- 4. "Hilbert's Epistemology", *Philosophy of Science*, 43, 1976, 99-115.
- 5. "Explanation, Conjunction and Unification", *Journal of Philosophy*, LXXIII, 1976, 207-212.
- 6. "Fictionalizers", *Philosophical Studies*, 30, 1976, 19-27.
- 7. "Positive Understatement: The Logic of Attributive Adjectives", *Journal* of *Philosophical Logic*, 7, 1978, 1-17.
- 8. "The Nativist's Dilemma", *Philosophical Quarterly*, 28, 1978, 1-16.
- 9. "The Plight of the Platonist", *Nous*, XII, 1978, 119-136.
- 10. "Theories, Theorists and Theoretical Change", *Philosophical Review*, LXXXVII, 1978, 519-547.
 Reprinted in Volume II of *The Philosopher's Annual* (1978). Also in Spanish in an anthology entitled *Filosofia de la Ciencia*, and in Y. Balashov and A.Rosenberg (eds) *Philosophy of Science: Contemporary Readings*, Routledge, 2001.
- 11. "Frege's Epistemology", *Philosophical Review*, LXXXVIII, 1979, 235-262.
 Reprinted in Hans Sluga (ed) *The Philosophy of Frege* (New York: Garland, 1993), Volume I.
- 12. "A Priori Knowledge", Philosophical Review, LXXIX, 1980, 3-23. Reprinted in Volume IV of The Philosopher's Annual (1980), and in Hilary Kornblith (ed) Naturalized Epistemology (Bradford Books/MIT Press: 1985). Reprinted in R. Goodman and R Snyder (eds) Contemporary Epistemology (Prentice-Hall, 1993). Also in Albert Casullo (ed) A Priori Knowledge (Dartmouth Press/International Research Library of Philosophy). Also in J. Crumley (ed) Readings in Epistemology (Mayfield). Also in part in Patricia Kitcher (ed) Kant's Critique of Pure Reason (Rowman and Allanheld). Also in Fred Dretske and Sven Bernecker (eds) Knowledge: Readings in contemporary epistemology (Oxford University Press)
- "Arithmetic for the Millian", *Philosophical Studies*, 37, 1980, 215-236. Reprinted in M. Resnik (ed) *Mathematical Objects and Mathematical Knowledge* (Dartmouth Press/ International Research Library of Philosophy), in Albert Casullo (ed) *A Priori Knowledge* (Dartmouth Press/International Research Library of Philosophy), and in V. Sanchez-Valencia (ed) *Mill: General Philosophy* (Ashgate/International Library of Critical Essays in the History of Philosophy).

- 14. "Apriority and Necessity", *Australasian Journal of Philosophy*, 58, 1980, 89-101.
 Reprinted in Paul Moser (ed) *A Priori Knowledge* (Oxford Readings in Philosophy, Oxford University Press: 1987).
- 15. "Mathematical Rigor -- Who Needs It?", Nous, XV, 1981, 469-93.
- 16. "How Kant Almost Wrote `Two Dogmas of Empiricism' (And Why He Didn't)", *Philosophical Topics*, 12, 1981, 217-249. (This volume of *Philosophical Topics* also appears as *Essays on Kant's <u>Critique of Pure Reason</u>*, edited by J.N.Mohanty and Robert Shahan, University of Oklahoma Press). Also reprinted in part in Patricia Kitcher (ed) *Kant's Critique of Pure Reason* (Rowman and Allanheld).
- 17. "Explanatory Unification", *Philosophy of Science*, 48, 1981, 507-31. Reprinted in: Joseph Pitt (ed) *Scientific Explanation* (Oxford Readings in Philosophy, Oxford University Press, 1987) and, with a postscript, in German translation, in G.Schurz (ed) *Erklaren und Verstehen in den Wissenschaften* (Oldenburg-Verlag, Vienna-Munich, 1988). Reprinted in Richard Boyd, Philip Gasper, and J.D. Trout (eds) *Readings in the Philosophy of Science* (Bradford Books, MIT Press, 1991), in D. Rothbart (ed.) *Science, Reason, and Reality* (Harcourt Brace), in E. Klemke *et.al.* (eds) *Introductory Readings in the Philosophy of Science*, and in T. Schick (ed) *Readings in the Philosophy of Science: From Positivism to Postmodernism* (Mayfield Publishing Co., forthcoming).
- "Genes", British Journal for the Philosophy of Science, 33, 1982, 337-359.
 Reprinted in J. Worrall (ed) Philosophy of the Natural Sciences (Dartmouth Press).
- 19. "Kant's Philosophy of Science", *Midwest Studies in Philosophy*, VIII, 1983, 387-407.
 Reprinted in Allen Wood (ed) *Kant on Self and Nature* (Cornell University Press, 1984).
- 20. "Implications of Incommensurability", in P.Asquith and T.Nickles (eds) *PSA 1982*, Proceedings of the Philosophy of Science Association, 689-703.
- "Species", *Philosophy of Science*, 51, 1984, 308-333.
 Reprinted in Marc Ereshefsky (ed) *The Units of Evolution* (Bradford Books, MIT Press, 1991).
- 22. "1953 and All That. A Tale of Two Sciences", *Philosophical Review*, XCIII, 1984, 335-373.

Reprinted in Volume VII of *The Philosopher's Annual* (1984). Reprinted in Richard Boyd, Philip Gasper, and J.D. Trout (eds) *Readings in the Philosophy of Science* (Bradford Books, MIT Press, 1991). Reprinted in Elliott Sober (ed) *Conceptual Issues of Evolutionary Biology* (2nd edition), (Bradford Books, MIT Press, 1994). Reprinted in Martin Curd and Jan Cover (eds) *Philosophy of Science: The Central Issues* (Norton).

- 23. "Against the Monism of the Moment", *Philosophy of Science*, 51, 1984, 616-630.
- 24. "Darwin's Achievement", in N.Rescher (ed) *Reason and Rationality in Science*, University Press of America, 1985, 127-189.
- 25. "Two Approaches to Explanation", *Journal of Philosophy*, LXXXII, 1985, 632-639.
- 26. "Frege, Dedekind, and the Philosophy of Mathematics", in L.Haaparanta and J.Hintikka (eds) *Frege Synthesized*, D.Reidel (Synthese Library), 1986, 299-343.
 Reprinted in Hans Sluga (ed) *The Philosophy of Frege* (New York: Garland, 1993) Volume II.
- 27. "Projecting the Order of Nature", in Robert Butts (ed) Kant's Philosophy of Physical Science, D.Reidel (University of Western Ontario Series in Philosophy of Science), 1986, 201-235.
 Reprinted in Patricia Kitcher (ed) Kant's Critique of Pure Reason (Rowman and Allanheld).
- 28. "Why Not The Best?", in John Dupre (ed) *The Latest on the Best: Essays on Optimality and Evolution*, Bradford Books/MIT Press, 1987, 77-102.
- 29. "Mathematical Naturalism", in William Aspray and Philip Kitcher (eds) *Essays on the History and Philosophy of Modern Mathematics*, University of Minnesota Press (Minnesota Studies in the Philosophy of Science), 1987.
 Also in Russian in the Proceedings of the Soviet Seminar (edited by A. Barabashev).
- 30. "Imitating Selection", in Sidney Fox and Mae-Wan Ho (eds) *Metaphors in the New Evolutionary Paradigm*, John Wiley and Sons, 1987.
- 31. *Precis* of *Vaulting Ambition* and *Reply* to twenty-two commentators ("Confessions of a Curmudgeon"), *The Behavioral and Brain Sciences*, 10, March 1987, 61-100.

- 32. "Ghostly Whispers: Mayr, Ghiselin and the `Philosophers' on the Ontology of Species", *Biology and Philosophy*, 2, 1987, 184-192.
- 33. "On the Crest of `*La Nouvelle Vague*'', *International Studies Quarterly*, 31, 1987, 45-52.
- 34. "Van Fraassen on Explanation" (with Wesley Salmon), *Journal of Philosophy*, 84, 1987, 315-330.
 Reprinted in Volume X of *The Philosopher's Annual*. Reprinted in David-Hillel Rubin (ed) *Explanation* (Oxford Readings in Philosophy, Oxford University Press, 1993).
- 35. "The Transformation of Human Sociobiology", in A.Fine and P.Machamer (eds) *PSA 1986*, Proceedings of the Philosophy of Science Association, Volume II, (1987), 63-74.
- 36. "Mathematical Progress", *Revue Internationale de Philosophie*, 42, 1988, 518-540.
- 37. "Misrepresentation and Responsibility in Medical Research", (with Robert Engler, James Covell, Paul Friedman, and Richard Peters), *New England Journal of Medicine*, 317, 1988, 1383-1389.
- 38. "The Return of the Gene", (with Kim Sterelny), Journal of Philosophy, 85, 1988, 335-358.
 Reprinted in Richard Boyd, Philip Gasper, and J.D. Trout (eds) Readings in the Philosophy of Science (Bradford Books, MIT Press, 1991) and in David Hull and Michael Ruse (eds) Readings in the Philosophy of Biology (Oxford University Press).
- 39. "The Animal Within: Biology and the Social Sciences", *LSE Quarterly*, 2, 1988, 339-359.
- 40. "The Child as Parent of the Scientist", *Mind and Language*, 3, 1988, 217-228.
- 41. "The Foundations of Mathematics", in G.Cantor, M.J.S.Hodge, and R.Olby (eds) *Companion to the History of Science*, Routledge, 1989, 677-689.
- 42. "Explanatory Unification and the Causal Structure of the World", in Philip Kitcher and Wesley Salmon (eds), *Scientific Explanation*, University of Minnesota Press (Minnesota Studies in the Philosophy of Science, Volume XIII), 1989, 410-505.
 Reprinted in part in Robert Klee (ed) *Scientific Inquiry: Readings in the Philosophy of Science* (Oxford University Press, 1998). Reprinted in part

in Y.Balashov and A. Rosenberg (eds) *Philosophy of Science: Contemporary Readings*, Routledge 2001

- 43. "Some Puzzles About Species", in Michael Ruse (ed) *What the Philosophy* of Biology Is: Essays for David Hull (Reidel, 1989) 183-208.
- 44. "Theory Structure and Theory Change in Contemporary Molecular Biology" (with Sylvia Culp), *British Journal for the Philosophy of Science*, 40, 1989, 459-483.
- 45. "Developmental Decomposition and the Future of Human Behavioral Ecology", *Philosophy of Science*, 57, 1990, 96-117.
- 46. "The Division of Cognitive Labor", *The Journal of Philosophy*, 87, 1990, 5-22.
- 47. "The Illusory Riches of Sober's Monism", *The Journal of Philosophy*, 87, 1990, 158-161 (co-authored with Kim Sterelny and C. Kenneth Waters).
- 48. "Persuasion", in Marcello Pera and William Shea (eds) *Persuading Science: The Art of Scientific Rhetoric*, Science History Publications, 1991, 3-27.
 Also in Italian in Pera e Shea *L'arte della persuasione scientifica* (Milano: Guerini, 1992) 17-47.
- 49. "The Naturalists Return" *Philosophical Review*, 101, 1992, 53-114. Reprinted in John Losee (ed) *New Conceptions of Philosophy of Science: Descriptivism, Normative Naturalism, Methodological Foundationalism*, (Dordrecht: Kluwer). Also reprinted in Portuguese in Cad. Hist. Filosof. Cie. 8, 2000, 27-108.
- 50. "Authority, Deference, and the Role of Individual Reasoning", in Ernan McMullin (ed) *The Social Dimensions of Scientific Knowledge*, University of Notre Dame Press, 1992.
- 51. "Vier Arten die Moral zu biologisieren", in Kurt Bayertz (ed) Evolution und Ethik: Biologische Grundlagen der Moral?, Stuttgart: Reclam, 1992. Also in English ("Four Ways of Biologicizing Ethics") in Elliott Sober (ed) Conceptual Issues in Evolutionary Biology (Bradford Books, MIT Press, 1994). Also in Michael Ruse (ed) Philosophy After Darwin.
- 52. "Gene", in Evelyn Fox Keller and Elisabeth Lloyd (eds) *Keywords in Evolution*, Harvard University Press, 1992. 128-131.
- 53. "Knowledge, Society, and History", *Canadian Journal of Philosophy*, 23, 1993, 155-178.

- 54. "Function and Design", in *Midwest Studies in Philosophy*, XVIII, 1993. Reprinted in Colin Allen (ed) *Nature's Purposes*, in David Buller (ed) *Function, Selection, and Design* (SUNY Press) and in David Hull and Michael Ruse *Readings in the Philosophy of Biology* (Oxford University Press).
- 55. "The Evolution of Human Altruism", *The Journal of Philosophy*, 90, 1993, 497-516.
 Reprinted in Volume XVI of *The Philosopher's Annual*.
- 56. "Contrasting Conceptions of Social Epistemology", in F. Schmitt (ed) Social Epistemology (Rowman and Allanheld, 1994)
- 57. "The Unity of Science and the Unity of Nature", in P. Parrini (ed) *Kant's Epistemology and Philosophy of Science*, Dordrecht: Kluwer, 1994.
- Précis of *The Advancement of Science*, and Responses to Critics (Isaac Levi, Peter Machamer, Richard Miller and Dudley Shapere), Book Symposium, *Philosophy and Phenomenological Research*, September 1995.
- 59. "Evolution of Altruism in Optional and Compulsory Games", (with John Batali), *Journal of Theoretical Biology*, September 1995.
- 60. "Who's Afraid of the Human Genome Project?", in *PSA 1994* (edited by M. Forbes and R. Burian; East Lansing: Philosophy of Science Association, 1995).
 Reprinted in David Hull and Michael Ruse (eds) *Readings in the Philosophy of Biology* (Oxford University Press).
- 61. "The Cognitive Functions of Scientific Rhetoric", in Henry Krips, J.E. McGuire, and Trevor Melia (eds) *Science and Rhetoric*. (Pittsburgh: University of Pittsburgh Press).
- 62. "Mill, Mathematics, and the Naturalist Tradition", in J.M.A. Skorupski (ed.) *The Cambridge Companion to Mill* (Cambridge University Press, 1999), 57-111.
- 63. "A Prioristic Yearnings: A Critical Study of Michael Friedman's *Kant and the Exact Sciences*", in *Erkenntnis* 1997.
- 64. Introduction to Special Issue on Science and Ethics, *Perspectives on Science*, 1997, (co-authored with Nancy Cartwright).
- 65. "An Argument about Free Inquiry", *Noûs*, 31, 1997, 279-306.

- 66. "A Plea for Science Studies", in Noretta Koertge (ed) A House Built on Sand: Exposing Postmodernist Myths about Science, Oxford University Press, 1998, 32-56.
 Reprinted in Spanish in Talon de Aquiles (Chile)
- 67. "Psychological Altruism, Evolutionary Origins, and Moral Rules", *Philosophical Studies*, 89, 1998, 283-316.
- 68. "Truth or Consequences?", *Proceedings and Addresses of the American Philosophical Association*, 72 number 2, 1998, 49-63.
- 69. "Games Social Animals Play: Commentary on Brian Skyrms' *Evolution of the Social Contract*", *Philosophy and Phenomenological Research*, 59, 1999, 221-228.
- 70. "Race, Ethnicity, Biology, Culture", in Leonard Harris (ed) *Concepts of Racism*, New York: Prometheus Books, 1999, 87-117.
- 71. "Patients in the Twenty-First Century: The Impact of Preventive Medicine", in Dana Cook Grossman and Heinz Valtin (eds) *Great Issues* for Medicine in the Twenty-First Century: Ethical and Social Issues Arising out of Advances in the Biomedical Sciences, New York: Annals of the New York Academy of Science, Volume 882.
- 72. "The Hegemony of Molecular Biology", *Biology and Philosophy*,14, 1999, 195-210.Reprinted in Greek in a volume edited by James Lennox.
- 73. "Essence and Perfection", *Ethics*, 110, 1999, 59-83.
- 74. "Unification as a Regulative Ideal", *Philosophical Perspectives*, 7, 1999, 337-48.
- 75. "Refining the Causal Theory of Reference for Natural Kind Terms" (with P. Kyle Stanford), *Philosophical Studies* 97, 2000, 99-129.
- 76. "A Priori Knowledge Revisited", in P. Boghossian and C. Peacocke (eds) *New Essays on the A Priori*, Oxford University Press, 2000, 65-91.
- 77. "Reasonable People", in James Fetzer (ed) *Science, Explanation, and Rationality: The Philosophy of Carl G. Hempel*, Oxford University Press, 2000, 243-264.
- 78. "Patterns of Scientific Controversy", A. Baltas, P.Machamer and M. Pera (eds.) *Scientific Controversies*, Oxford University Press, 2000, 21-39.

- "Some Pictures Are Worth 2^ℵ₀ Sentences", (with Achille Varzi), *Philosophy*, 75, 2000, 377-381.
- 80. "Reviving The Sociology of Science", in *PSA 1998*, Volume II (supplementary volume of *Philosophy of Science*, 67, 2000), S33-44.
- 81. "Parfit's Puzzle", *Noûs*, 34, 2000, 550-577. Reprinted in volume XXIII of *The Philosopher's Annual*
- 82. "Utopian Eugenics and Social Inequality", in Phillip Sloan (ed) Implications of the Human Genome Project, University of Notre Dame Press, 2000, 229-262.
- 83. "Battling the Undead: How (and How Not) to Resist Genetic Determinism", in Rama Singh, Costas Krimbas, Diane Paul, and John Beatty (eds) *Thinking About Evolution: Historical, Philosophical and Political Perspectives*, Cambridge University Press, 2001, 396-414. Reprinted in S.Downes and E.Machery (eds) *Arguing about Human Nature* (Routledge, 2013)
- 84. "Infectious Ideas", *The Monist*, 84 number 3, 2001, 368-391.
- 85. "Knowledge and Tradition", *Philosophical Topics*, 29, 2001,251-270
- 86. "Real Realism: The Galilean Strategy", *Philosophical Review*, 110, 2001, 151-197.
- 87. "Carl G. Hempel", in A.P. Martinich and David Sosa (eds) *A Companion* to Analytic Philosophy, Blackwell, 2001, 148-159.
- 88. "Creating Perfect People", in Justine Burley and John Harris (eds) *Blackwell Companion to Genethics*, Blackwell, 2002, 229-242.
- 89. "On the Explanatory Role of Correspondence Truth", *Philosophy and Phenomenological Research*, 64, 2002, 346-364.
 Reprinted in Fred Schmitt (ed) *Theories of Truth* (Blackwell, 2003).
- "The Role of Social Psychology in a Theory of Science", in P. Carruthers, S. Stich, and M. Siegel (eds) *The Cognitive Basis of Science*, Cambridge: Cambridge University Press, 2002, 263-281.
- 91. "Veritistic Value and the Project of Social Epistemology", *Philosophy and Phenomenological Research*, 64, 2002, 191-8.

- 92. "Pop Sociobiology Reborn: The Evolutionary Psychology of Sex and Violence", (with A. Leah Vickers), in Cheryl Travis (ed) *Evolution, Gender, and Rape*, Cambridge MA.: MIT Press, 2002, 139-168.
- 93. "Born Again Creationism", Robert Pennock (ed) *Intelligent design Creationism*, MIT Press, 2002, 257-287.
- 94. "Scientific Knowledge", in Paul Moser (ed) *The Oxford Handbook of Epistemology*, New York: Oxford University Press, 2002, 385-407.
- 95. "The Third Way" and "Reply to Helen Longino", *Philosophy of Science*, 69, 549-559, 569-572.
- 96. "Giving Darwin His Due", in J. Hodge and G. Radick (eds.) *The Cambridge Companion to Darwin*, Cambridge University Press, 2003, 399-420.
- 97. "The Scientist's Role", Annual John Wesley Powell Lecture to the South-Western and Rocky Mountain Division of the American Association for the Advancement of Science, published as an individual pamphlet in the Division's Series, 2003, 1-28.
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"Has Science Journalism Helped Unmask a "Replication Crisis" in Biomedicine?", *Los Angeles Review of Books*, <u>https://lareviewofbooks.org/article/has-science-journalism-helped-unmask-a-replication-crisis-in-biomedicine/</u>

"Coronavirus! Welcome to America!", *Los Angeles Review of Books*, https://lareviewofbooks.org/short-takes/coronavirus-welcome-america/

"Il Maestro di Color che Sanno", in *Biological Theory*, December 2021; this is part of a collection of short remembrances of Richard Lewontin, edited by Stuart Newman

"Education and the Economic Menace", *Liberties*, Volume 2, Number 2, Winter 2022

Poetry

Some poems have appeared online at the following links: <u>https://lightpoetrymagazine.com/poems-of-the-week/the-dofficer/</u> <u>https://lightpoetrymagazine.com/poems-of-the-week/the-soldier/</u> <u>https://lightpoetrymagazine.com/poems-of-the-week/mrs-devos-explains/</u>

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http://politicsslashletters.org/commentary/a-hitherto-unknown-draft-ofthe-waste-land/

https://lightpoetrymagazine.com/poems-of-the-week/foraging-song/ http://politicsslashletters.org/uncategorized/in-gratitude/

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https://lightpoetrymagazine.com/poems-of-the-week/senator-manchininstructs-us/

https://lightpoetrymagazine.com/poems-of-the-week/chloe-kellys-toe/ http://politicsslashletters.org/poem/politics-for-a-joycean-centennial/ "Prologue to *The Bethesda Tales*" appears in *Voices in Isolation*, a volume published by the Christ's College Poetry Society, October 2020.

"Behind the Numbers", The Hudson Review, Summer 2021, 228-230

(e) *Reviews*

Approximately fifty book reviews in the following publications: Science, Historia Mathematica, Annals of Science, Isis, Philosophical Review, History and Philosophy of Logic, Evolution, Journal of Higher Education, Philosophical Books, New York Times, Nature, The Times Higher Education Supplement, Times Literary Supplement, Journal of Philosophy, Wall Street Journal, Mind, James Joyce Broadsheet

- (f) Books and Special Issues of Journals on my work
 - 1. *Conceptus* 94, 2010; special issue devoted to essays on various parts of my work.
 - 2. *Naturalismus in der Ethik* (Thomas Schmidt and Tatjana Tarkian, eds.), Paderborn: Mentis, 2011. This is a collection of essays that grew out of a workshop on a draft of *The Ethical Project*, most of which respond to that draft.
 - 3. Scientific Realism and Democratic Society: The Philosophy of Philip Kitcher (Wenceslao Gonzalez, ed.), Amsterdam: Rodopi, 2012
 - 4. Analyse und Kritik, 34 2012; special issue devoted to The Ethical Project.
 - 5. Symposium on *Preludes to Pragmatism*, *Transactions of the Charles S. Peirce Society*, 50, Winter 2014, 1-114
 - 6. *Philip Kitcher: Pragmatic Naturalism*, edited by Marie Kaiser and Ansgar Seide, (Frankfurt: Ontos Verlag, 2013; *Münstersche Vorlesungen* Series)
 - 7. *The Philosophy of Philip Kitcher*, edited by Mark Couch and Jessica Pfeifer, Oxford University Press, 2016. (Contributors: Nancy Cartwright, Lorraine Daston, Daniel Dennett, John Dupre, Paul Griffiths, Michela Massimi, Karen Neander, Gideon Rosen, Michael Smith, Michael Strevens, Jim Woodward; with replies to each by PK).
 - 8. Symposium on *Deaths in Venice (Muertes en Venecia)*, *Teorema*, 35 (2), 2016, 40-180.
 - 9. Chrysostomos Mantzavinos, *A Dialogue on Explanation*, Springer Briefs, 2019

Online Interviews

Among the online interviews I have done are the following:

"Fighting Incompleteness", with David Auerbach at 3am magazine: <u>http://www.3ammagazine.com/3am/fighting-incompleteness/</u>

"Life After Faith", with Richard Marshall at 3am magazine: <u>http://www.3ammagazine.com/3am/74992/;</u> reprinted as Chapter 1 of *Ethics at 3 a.m.* (Oxford University Press, 2017)

"The Ethical Project", with the *Montreal Review*, <u>http://www.themontrealreview.com/2009/The-Ethical-Project-by-Philip-Kitcher.php</u>

"It's Possible to Live without Philosophy, but it wouldn't be Wise", with *Big Think*, <u>http://bigthink.com/experts/philip-kitcher</u>

"Interview with Philip Kitcher, Author of "Deaths in Venice", *Critical Margins*, <u>https://criticalmargins.com/interview-with-philip-kitcher-author-of-deaths-in-venice-4647d5c1f40b</u>

"Interview on New Atheism", with Chris Stedman, *Religious News Service*, <u>http://religionnews.com/2014/12/01/philip-kitcher-new-atheism/</u>

"Ethics without Religion", *Berfrois*, <u>http://www.berfrois.com/2012/01/philip-kitcher-ethics-without-religion/</u>

"Rejoyce", *Simply Charly*, <u>https://www.simplycharly.com/people/james-joyce/read/interviews/rejoyce-philip-kitcher-on-james-joyces-amazingly-lyrical-and-startlingly-original-prose/#gs.wVMBdXc</u>

"Celebrity Scientists", iai news, 2018, <u>https://iainews.iai.tv/articles/hawking-dawkins-einstein-are-celebrity-scientists-just-memes-auid-1052?ga=2.85163353.1999119922.1522228754-83693021.1500022965</u>

With Adam Golka on Beethoven's Piano Sonata Opus 109. https://www.youtube.com/watch?v=4iN3Xfy2pxU

Lectures

I have given lectures at many universities in the United States and elsewhere, most often to departments of philosophy, but often to a general audience, or to science departments. Among the named lectures or lecture series that I have given are:

Lakatos Award Lecture, London School of Economics, 1988 Mead-Swing Lectures, Oberlin College, 1988 Forry Lecture, Amherst College, 1989 Rothman Lecture, UCLA, 1990 Coffa Memorial Lecture, Indiana University, 1991 Miller Lecture, University of Illinois, 1994 Jamieson Lecture, University of London, 1995 Hempel Lectures, Princeton Univesity, 1996 Klopsteg Lecture, Northwestern University, 1997 Dickinson Lecture, Rice University, 1999 Templeton Lecture, Sydney University, 1999 Nelson Lectures, University of Michigan, 2000 Dyason Lecture, (at Annual Meeting for Australian Society for History. Philosophy and Sociology of Science, Sydney University), 2000 Thalheimer Lectures, Johns Hopkins University, 2001 Pentekost Lectures, Universität Bielefeld, 2001 Frey Visitorship Lectures, University of North Carolina at Chapel Hill, 2001 Kant Lectures, Stanford University, 2002 Benjamin Lecture, University of Missouri, 2002 John Wesley Powell Memorial Lecture, South-Western and Rocky Mountain Division of the American Association for the Advancement of Science, 2003 Romanell Lectures, Columbia University, 2004 Seybert Lectures, University of Pennsylvania, 2004 Romanell Lecture, American Philosophical Association, Boston, 2004 Selfridge Lecture, Lehigh University, April 2006 Plenary Lecture, Kent State Forum on Democracy, May 2006 Hauptvortrag, GAP.6, Berlin, Freie Universität, September 2006 John Stuart Mill Bicentenary Lecture, St Andrews University, September 2006 Humanities Without Boundaries Lecture, University of Wisconsin-Madison, October 2006 Wiegand Memorial Lecture, University of Toronto, December 2006 Jack Smart Lecture, Australian National University, August 2007 Toyota Lecture, Australian National University, August 2007 Von Weizsäcker Lectures, Universität Hamburg, April 2008, Leibniz Lectures, Universität Hannover, June 2008 John Dewey Lecture, University of Vermont, October 2008 Shipley Symposium, Harvard Medical School, November 2008 Schoff Lectures, Columbia University, January-February 2009 Frumkes Lecture, NYU, November 2009 Society for Applied Philosophy Annual Lecture, Oxford, March 2010 Rotman Lectures, University of Western Ontario, November 2010, Teale Lecture, University of Connecticut, December 2010 Westphälische Vorlesungen, Universität Münster, October 2011 Polanyi Lecture, University of North Carolina at Chapel Hill, February 2012

Nordic Pragmatism Lectures (Helsinki), May 2012

Raimundus Lullius Lectures (Spanish Society for Logic and Philosophy of Science: Inaugural Series), Santiago de Compostela, July 2012 Norton Lecture, University of Delaware, November 2012 Youngjung Kim Memorial Lectures, Seoul National University, December 2012 Terry Lectures, Yale University, March-April 2013 Wesley Salmon Memorial Lecture, University of Pittsburgh, April 2013 Distinguished Visiting Philosopher (Lecture and Symposium), University of Athens, June 2013 Keynote Lecture, ARPA Annual Meeting, Dalhousie University, October 2013 Centennial Lecture and Symposium, Erasmus University Rotterdam, November 2013 Distinguished Visiting Philosopher (Philosophy Forum), Ohio University, February 2014 Fleischacker Distinguished Visiting Professor, San Francisco Univesity, March 2014 Gramlich Lecture, Dartmouth, April 2014 Pentekost Lectures, Universität Bielefeld, May 2014 Paul Kurtz Memorial Lecture, University of Buffalo, April 2015 Stice Visiting Professor and Stice Lecture, University of Washington, April 2016 Cheney Senior Fellowship, University of Leeds, May 2016 Convocation Address, "A Humanistic Education", University for Humanistic Studies, Utrecht, September 2017 Plenary Address, European Society for the Philosophy of Science, Exeter UK, September 2017 Strauss Lectures, Case Western Reserve University, November-December 2017 Boswell Lecture, Hobart and William Smith College, February 2018 Mossman Foundation Lecture (Gales Lecture), McGill University, March 2018 Chaire Mercier Lectures, Université de Louvain (la Neuve), October 2018 Van Hasselt Memorial Lecture, Technical University of Delft, November 2018 Howison Lecture, University of California, Berkeley, February 2019 Adams Lecture (Keynote lecture), Carolina Public Humanities Festival, April 2019 Munich Lectures in Ethics (inaugural series; three lectures), June 2019 Jonathan Adler Memorial Lecture, CUNY Graduate Center, September 2019 SOPHIA 2019, Plenary Lecture, Salzburg, September 2019 Rescher Medal Lecture, University of Pittsburgh, February 2020 Descartes Lectures, Tilburg University, October 2020, (via Zoom) John Dewey Lecture, American Philosophical Association, January 2021

University of Oslo, Center for Philosophy of Science Annual Lecture, October 2021 University of Athens, Honorary Doctorate Lecture, June 2022

Professional Service

Program Chair, Philosophy of Science Biennial Meeting, 1984.

Editorial Board, *Philosophy of Science*, 1985-1994.

Editor-in-Chief, *Philosophy of Science*, September 1994 -- July 1999.

Council for Philosophical Studies, 1986-1991.

Governing Board, Philosophy of Science Association, 1987-91.

Member at large, U.S. Committee, International Union of Logic, Methodology, and Philosophy of Science 1988-1993.

Philosophy Editor (American Delegate) for Oxford University Press (New York) 1994-2004

Member, ICSU Working Group on the Ethical Responsibilities of Scientists, 1994-1996.

Member, ICSU Committee on Responsibility and Ethics in Science, 1996 – 1998

Member NIH/DOE Working Group on the Ethical, Legal, and Social Implications of the Human Genome Project, 1995-1997.

Representative of the American Philosophical Association to Section L of the American Association for the Advancement of Science, 1995-1998.

Member, Board of Electors for the Chair in History and Philosophy of Science, Cambridge University, 1996–97.

Member, Management Committee, Centre for the Philosophy of Science, London School of Economics, 1996--.

Member, Board of Officers, American Philosophical Association, 1996-99.

Selector, Imre Lakatos Award, 1988-99; Steering Committee, Imre Lakatos Award, 1999--2018.

Philosophy Referee for John Simon Guggenheim Foundation, 1994–2004

Philosophy Reader for American Council of Learned Societies, 1998 - .

Philosophy Reader for National Humanities Center, 1998 - .

Member, Editorial Board, Journal of Philosophy, 2000 - .

Mellon Fellowship Committee, 2001–4.

Chair, Committee to find a new editor for *Philosophy of Science*, Philosophy of Science Association, 2003.

Member, Board of Electors of the Rausing Chair in History and Philosophy of Science, University of Cambridge, 2009-10.

Mellon, Panel of Advisors for New Directions Fellowships, 2012-15.

Member of the Advisory Board, Einstein Forum, Berlin, 2016 -