

**MIRIAM SOLOMON**  
**PROFESSOR OF PHILOSOPHY**  
**DEPARTMENT OF PHILOSOPHY**  
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**EDUCATION**

- 1979-86 Harvard University. PhD in Philosophy awarded November 1986.  
 DISSERTATION: "Quine's Point of View." Advisors: Burton Dreben, Warren Goldfarb, Hilary Putnam.
- 1976-79 Newnham College, Cambridge University. BA in Natural Sciences with First Class Honours.

**AREAS OF SPECIALIZATION**

Philosophy of science, philosophy of medicine, feminist epistemology and philosophy of science, epistemology, bioethics

**AREAS OF COMPETENCE**

History of science and medicine (especially twentieth century), philosophy of psychology/mind, history of analytic philosophy, logic, history of modern philosophy, ethics, philosophy of food.

**APPOINTMENTS**

- 2013- Chair of Philosophy, Temple University
- July 2007 Lecturer at Vienna International Summer University (co-teaching a graduate seminar on Consensus in Science)
- Summer 2003 Instructor at the Center of Bioethics, University of Pennsylvania (teaching a graduate seminar on Feminist Approaches to Bioethics)
- 2003- Professor of Philosophy, Temple University
- 1994-2003 Associate Professor of Philosophy, Temple University (on leave 1994-5, at the Dibner Institute, MIT, on an NEH Fellowship for University Teachers)
- Spring 1994 Instructor in Philosophy, University of Pennsylvania (teaching a graduate seminar in Philosophy of Science)
- 1993- Affiliated Professor of Women's Studies, Temple University
- 1991-94 Assistant Professor of Philosophy, Temple University. Tenure-track. Tenure awarded July 1, 1994

- 1990-91 Mellon Postdoctoral Fellow in the Humanities, University of Pennsylvania.  
 1986-91 Assistant Professor of Philosophy, McMicken College of Arts and Sciences, University of Cincinnati. Tenure-track. (On leave 1990-91.)  
 1984-86 Nonresident Tutor in Philosophy, Adams House, Harvard University  
 1981-86 Teaching Fellow, Harvard University, Department of Philosophy.

### **ACADEMIC AWARDS**

Fellow of the College of Physicians of Philadelphia, July 9, 2014-  
 National Science Foundation Scholar Award SES-1152040, 2012-13 (\$71,346)  
 Center for Humanities at Temple Faculty Fellowship 2008-9  
 Research and Study Leaves, Temple University, Fall 1996, Fall 2005, AY 2012-13  
 Dibner Institute Resident Fellow, 1994-5.  
 NEH Fellowship for University Teachers, 1994-5.  
 Summer Research Fellowship, Temple University, 1992, 1993, 1999, 2002, 2008  
 Participant, NEH Summer Institute, "Science as Cultural Practice," Summer 1991.  
 Mellon Postdoctoral Fellowship in the Humanities, University of Pennsylvania, 1990-1.  
 Taft Summer Faculty Research Fellowship, University of Cincinnati, 1988, 1990.  
 Summer Faculty Research Fellowship, University of Cincinnati, 1987.  
 Bechtel Prize for the best essay in philosophy, Harvard University, 1986.  
 Scholarships and Prizes, Newnham College, Cambridge University 1977-80.

### **PUBLICATIONS (all single authored except where noted)**

#### Books

1. *Making Medical Knowledge*, Oxford University Press (UK), April 2015
2. *Social Empiricism*, MIT Press (Bradford Books), October 2001.

#### Edited Collections

1. *Theoretical Medicine and Bioethics* 32:1 (Spring 2011). Special issue with Proceedings of the Philosophy of Medicine Roundtable. Co-edited and with an introduction with Julian Reiss and David Teira.
2. *Philosophy of Science* 73:5 (December 2006). Proceedings of the 2004 Biennial Meeting of the Philosophy of Science Association, Part II: Symposia Papers
3. *Philosophy of Science* 72:5 (December 2005). Proceedings of the 2004 Biennial Meeting of the Philosophy of Science Association, Part I: Contributed Papers.
4. *Episteme: A Journal of Social Epistemology* 2:1 (June 2005). Guest editor for special issue on the topic of Rationality.

#### Articles/Book Chapters

1. "Why is the dopamine hypothesis of schizophrenia the only game in town?" paper in *Philosophical Issues in Psychiatry III: The Nature and Sources of Historical Change*, edited by Kenneth S. Kendler and Josef Parnas. Oxford, UK: Oxford University Press, 2015, pp. 295-297.

2. "Expert Disagreement and Medical Authority," paper in *Philosophical Issues in Psychiatry III: The Nature and Sources of Historical Change*, edited by Kenneth S. Kendler and Josef Parnas. Oxford, UK: Oxford University Press, 2015, pp. 60-72.
3. "Evidence-based medicine and mechanistic reasoning in the case of cystic fibrosis" in P. Schroeder-Heister, G. Heinzmann, W. Hodges, and P.E. Bour (eds.) *Logic, Methodology and Philosophy of Science. Proceedings of the Fourteenth International Congress (Nancy)*, 2014, pp. 353-361.
4. "Social Epistemology in Practice" chapter in *Philosophy of Social Science: A New Introduction*, edited by Nancy Cartwright and Eleonora Montuschi and Nancy Cartwright. Oxford, UK: Oxford University Press, 2014, pp. 249-262.
5. "Socially Responsible Science and the Unity of Values," in *Perspectives on Science 20:3* (Fall 2012) pp. 331-338.
6. "'A Troubled Area': Understanding the Controversy over Screening Mammography for Women Aged 40-49" in *Epistemology: Contexts, Values, Disagreement: Proceedings of the 34th International Ludwig Wittgenstein Symposium*, eds: Christoph Jäger and Winfried Löffler. Publications of the Austrian Ludwig Wittgenstein Society: New Series, Volume 19. Heusenstamm bei Frankfurt, Ontos Verlag, 2012, pp. 271-284.
7. "The Web of Valief: An Assessment of Feminist Radical Empiricism" in *Out from the Shadows: Analytical Feminist Contributions to Traditional Philosophy*, edited by Anita Superson and Sharon Crasnow, Oxford University Press (2012), pp.435-450
8. "Naming Migraine and Those Who Have It," jointly authored publication, authors are William B. Young, Joanna Kempner, Elizabeth Loder, Jason Roberts, Judy Z. Segal, Miriam Solomon, Roger K. Cady, Laura Janoff, Robert D. Sheeler, Teri Robert, Jennifer Yocum, Fred D. Sheftell. In *Headache: The Journal of Head and Face Pain 52:2*, pp. 283-291.
9. "Just a Paradigm: Evidence Based Medicine Meets Philosophy of Science," *European Journal of Philosophy of Science 1:3* (2011) pp. 451-466
10. "Medication Adaptation Headache," first author, with Stephanie Nahas Geiger, Judy Segal and William Young. *Cephalalgia 31:5*, April 2011, pp. 515-517.
11. "Group Judgment and the Medical Consensus Conference," in *Philosophy of Medicine*, ed. Fred Gifford, pp.239-254 (Elsevier, 2011)
12. "Standpoint and Creativity," *Hypatia 24:4*, Fall 2009, pp. 226-237.
13. "Father, Faith and Philosophy: A Journey Through Orthodox Judaism," in *Bridges: A Journal for Jewish Feminists and Our Friends 14:1* Spring 2009, pp. 123-132.
14. "Responses to Critics," submitted paper in response to four papers on my book, *Social Empiricism*, published together as a symposium in *Perspectives on Science 16:3*, Fall 2008, pp. 280-284.
15. "Epistemological Reflections on the Art of Medicine and Narrative Medicine," in *Perspectives on Biology and Medicine 51:3*, Summer 2008, pp. 406-417.
16. "Norms of Dissent," in *Contingency and Dissent in Science Project Discussion Paper Series* ed. Damien Fennell. Technical Report 0908, CPNSS, LSE
17. "Social Epistemology of Science," in *Establishing a Consensus Agenda for K-12 Science Inquiry*, edited by Richard A. Duschl and Richard E. Grandy, Sense Publishers, Rotterdam, NL, 2008, pp. 86-94.
18. "STS and Social Epistemology of Science," in *Handbook of Science and Technology Studies, Third Edition*. Eds. E.J. Hackett et al. MIT Press, 2008, pp. 241-258

19. "The Social Epistemology of NIH Consensus Conferences," in *Establishing Medical Reality: Methodological and Metaphysical Issues in Philosophy of Medicine* eds. Harold Kincaid and Jennifer McKittrick. Springer, 2007. pp. 167-177.
20. "Situated Cognition," in *Philosophy of Psychology and Cognitive Science: A Volume of the Handbook of the Philosophy of Science Series*, eds. Paul Thagard, Dov Gabbay and John Woods. Elsevier, 2006. pp. 413-428.
21. "Norms of Epistemic Diversity," *Episteme* 3:1 (2006), pp. 23-36. Special issue edited by Alison Wylie on "Epistemic Diversity and Dissent" and based on the *Episteme* conference, June 2006.
22. "Social Epistemology," (expansion and update of article for first edition) in Borchert, Donald, ed. *Encyclopedia of Philosophy*, 2<sup>nd</sup> edition. Detroit: Macmillan Reference USA, 2006, pp. 83-87
23. "Groupthink versus *The Wisdom of Crowds*: The Social Epistemology of Deliberation and Dissent." *The Southern Journal of Philosophy* (2006), Volume XLIV, Supplement (special issue on Social Epistemology based on the Spindel Conference, September 2005), pp. 28-42.
24. "A Critical Context for Longino's Critical Contextual Empiricism". With Alan Richardson (University of British Columbia). Review essay on Helen Longino's *The Fate of Knowledge* (Princeton University Press, 2002), *Studies in the History and Philosophy of Science* 36:1 (2005), pp. 211-222.
25. "The Whiptail Lizard Reconsidered," *Perspectives on Science* 11:3 (2003), pp. 316-323.
26. "It Isn't the Thought That Counts," *Argumentation* 15:1 (2001), pp. 67-76. Special issue edited by Eugene Garver on new topics in critical thinking.
27. "Consensus in Science" *Proceedings of the Twentieth World Congress of Philosophy*, Volume 10, ed. Tian Yu Cao (2001), pp. 193-204. Bowling Green, KY: Philosophy Documentation Center.
28. "Frank Sulloway's *Born to Rebel*," *Philosophy of Science* 65:1 (1998), pp. 171-181.
29. "Happily Ever After With Consensus?" *Fenomenologia e societa* 21:1 (1998), pp. 58-65; a special issue devoted to social epistemology
30. "Information and the Ethics of Information Control in Science," *Perspectives on Science* 4:2 (1996), pp. 195-206.
31. "Social Epistemology," *The Encyclopedia of Philosophy, Supplement* (1996), pp. 546-548.
32. "Naturalism and Generality". *Philosophical Psychology*, 8:4 (1996) pp. 353-363.
33. "Multivariate Models of Scientific Change." *PSA 1994*, Volume II, pp. 287-297.
34. "Legend Naturalism and Scientific Progress." *Studies in History and Philosophy of Science* 26:2, (1995) pp. 205-218.
35. "The Pragmatic Turn in Naturalistic Philosophy of Science," *Perspectives on Science*, Vol. 3, No. 2 (1995) pp. 206-230.
36. "A More Social Epistemology," in Fred Schmitt (ed.) (1994) *Socializing Epistemology* (Roman and Littlefield), pp. 217-233.
37. "Social Empiricism," *Nous* 28:3 (1994), pp. 325-343
38. "Scientific Rationality and Human Reasoning," *Philosophy of Science* 59:3 (1992), pp. 439-455.
39. "Extensionality, Underdetermination and Indeterminacy," *Erkenntnis* 33, November 1990, pp. 211-221.
40. "Apriority and Metajustification in BonJour's *Structure of Empirical Knowledge*,"

- Philosophy and Phenomenological Research*, Vol. L, No. 4., June 1990, pp. 767-777.
41. "On Putnam's Argument for the Inconsistency of Relativism," *The Southern Journal of Philosophy*, Vol. 28, No. 2, Summer 1990, pp. 213-220
  42. "Quine's Point of View," *Journal of Philosophy*, Vol. 86 No. 3, March 1989, pp. 113-136.

#### Book Reviews and Invited Discussions

1. Review of Martin Carrier, Don Howard and Janet Kourany (eds.) *The Challenge of the Social and the Pressure of Practice: Science and Values Revisited*, Pittsburgh University Press, 2008. *Notre Dame Philosophical Reviews*, June 2008. Available online at <http://ndpr.nd.edu/review.cfm?id=13426>
2. "On Smell and Scientific Practice." Review of Luca Turin, *The Secret of Scent: Adventures in Perfume and the Science of Smell* (Farber and Farber, 2006). *Science* 313:5788 (2006), pp. 763-4.
3. "Messing With Common Sense." Review of Susan Haack, *Defending Science—Within Reason: Between Scientism and Cynicism* (Prometheus Books, 2003) *Science* 305:5680 (2004), pp. 44-45.
4. Review of Alvin I. Goldman, *Pathways to Knowledge: Public and Private* (Oxford University Press, 2002), *Philosophy of Science* 70:2 (2003), pp. 452-454.
5. Review of James Robert Brown, *Who Rules in Science: An Opinionated Guide to the Science Wars* (Harvard University Press, 2001) *ISIS* 93:3 (2002), pp.542-543.
6. Review of Susan Sherwin (ed.) *The Politics of Women's Health: Exploring Agency and Autonomy* (Temple University Press, 1998) *Journal of Health Politics, Policy and Law* 25:3 (2000), pp. 604-606.
7. Review of Edwin Hutchins, *Cognition in the Wild* (MIT 1995), *Philosophy of Science* 64:1 (1997) pp. 181-2.
8. Discussion of Alison Gopnik, "The Scientist as Child," *Philosophy of Science* 63:4 (1996) pp. 547-551.
9. Review of Stephen Stich, *The Fragmentation of Reason* (MIT, 1990), *Informal Logic*, Vol. 16, No. 2 (Spring 1994) pp. 137-140.
10. "Sizing up Science: A Response to Fuller," *Informal Logic*, Vol. 16, No. 1 (Winter 1994) pp. 55-58.
11. "Making Meaning: A Response to Chokr," *Social Epistemology* Vol. 7, No. 4 (1993).
12. Review of John R. Anderson, *The Adaptive Character of Thought* (Erlbaum, 1990), *Philosophical Psychology*, Vol. 6, No. 1 pp. 97-99.
13. Review of W.V. Quine, *Pursuit of Truth* (Harvard University Press, 1990), *Canadian Philosophical Reviews*, Vol XI, No. 4, August 1991, pp. 284-6.
14. Review of Roger Gibson, *Enlightened Empiricism* (University of Florida Press, 1987), *Philosophical Review*, Vol. C, No. 3, July 1991, pp. 484-487.

#### Work in Progress

1. "The NIH Consensus Development Conference Program at Thirty Five"
2. "The Evolution of Consensus Conferences"
3. "Hermeneutic Injustice and Agnatology"
4. *The Routledge Companion to Philosophy of Medicine*, co-edited with Jeremy Simon and Harold Kincaid

## DEPARTMENTAL COLLOQUIA AND CONFERENCE PRESENTATIONS

1. "The Historical Epistemology of Evidence-Based Medicine," invited talk presented to the Department of Philosophy, Rice University, April 17, 2015
2. "Four Types of Feminist Empiricism," invited Barker Lecture at the Department of Philosophy, University of Maryland, Baltimore County, March 26, 2015
3. "Hermeneutical Injustice and Agnatology in Science: the Case of the Disappearance of Asperger's Syndrome" in an accepted panel on "Agnatology: Its Untapped Potential" at the Philosophy of Science Association Meetings, Chicago, IL, November 7, 2014
4. "Hermeneutical Injustice and Agnatology in Science," invited talk presented to the Center for the Philosophy and History of Science, Boston University, April 4, 2014
5. "Four Types of Feminist Empiricism," invited talk presented to the Philosophy Department, Stockton State College, New Jersey, March 20, 2014
6. "Social Diversity and Epistemic Diversity," invited talk for the Minorities and Philosophy Group at the University of Pennsylvania, March 7, 2014
7. "Philosophical Perspectives on Translational Medicine," invited talk presented to the Department of Philosophy, Drexel University, March 6, 2014
8. "Scientific Disagreement in the Medical Context," invited speaker at a conference, "Philosophical Issues in Psychiatry III: The Nature and Sources of Historical Change" at the University of Copenhagen, Denmark, May 9, 2013.
9. "Philosophical Perspectives on Translational Medicine," invited talk at the College of Humanities and Social Sciences, Rowan University, April 9, 2013.
10. "The Evolution of Consensus Conferences," invited speaker at a symposium, "Philosophy of Science and Political Engagement" at the Central Division APA meetings, New Orleans, LA, February 23, 2013.
11. "Cancer and Risk," Symposium Discussant at the Philosophy of Science Association Meetings, San Diego, CA, November 17, 2012.
12. "The Evolution of Consensus Conferences," invited talk at the conference, "Political Civility and Scientific Objectivity" at the University of California, San Diego, March 2, 2012
13. "A Troubled Area: Understanding the Controversy over Screening Mammography for Women aged 40-49," invited talk for the Science in Society Program at Wesleyan University, Feb 2, 2012.
14. "A Troubled Area: Understanding the Controversy over Screening Mammography for Women aged 40-49," accepted paper at the International Philosophy of Medicine Roundtable, San Sebastian, Spain, November 3, 2011.
15. "A Troubled Area: Understanding the Controversy over Screening Mammography for Women Aged 40-49," invited plenary paper at the 34<sup>th</sup> International Wittgenstein Symposium, Kirchberg am Wechsel, Austria, August 12, 2011.
16. "Evidence-Based Medicine and Mechanistic Reasoning in the Case of Cystic Fibrosis," invited paper presented at the 14<sup>th</sup> Congress of Logic, Methodology and Philosophy of Science, Nancy, France, 25<sup>th</sup> July 2011
17. "A Troubled Area: Understanding the Controversy over Screening Mammography for Women Aged 40-49," invited paper presented at the BiCoDa conference at Bielefeld University, June 29, 2011
18. "Evidence Based Medicine and Mechanistic Reasoning in the Case of Cystic Fibrosis,"

- submitted paper presented at the Society for Philosophy of Science in Practice, Exeter, UK, June 23, 2011.
19. "The Evolution of Consensus Conferences," invited plenary address at the conference "Science, Knowledge and Democracy" at the University of South Carolina, April 3, 2011.
  20. "Beyond the Art and Science of Medicine," invited paper presented as a "Dialogue in Research Ethics" at the University of Miami, February 25, 2011.
  21. "Socially Responsible Science and the Unity of Values," paper presented at the Philosophy of Science Association Meetings, Montreal, QC, November 3, 2010.
  22. "Genes and Mechanisms in the Case of Cystic Fibrosis." Discussant for papers at the History of Science Society Meetings, Montreal, QC, November 3, 2010.
  23. "Methodological Pluralism in Medicine," submitted paper presented at "Objectivity in Science Conference," Vancouver, BC, June 19, 2010
  24. "Recent Methodological Progress in Medicine," submitted paper presented at the "Progress in Medicine" conference at Bristol University, UK., April 15, 2010.
  25. "Unfinished Pluralism: Beyond the Art and Science of Medicine," invited paper presented at the Philosophy of Medicine Roundtable, Rotterdam, October 20, 2009.
  26. "Unfinished Pluralism: Beyond the Art and Science of Medicine," invited paper presented to the History and Philosophy of Science Unit, University of Sydney, August 24, 2009.
  27. "Just a Paradigm: Evidence-Based Medicine Meets Philosophy of Science," submitted paper presented at the Society for Philosophy of Science in Practice, Minneapolis MN, June 19, 2009.
  28. "Three New Paradigms in Medical Epistemology," invited paper presented to the Department of Philosophy, University of Pennsylvania, January 30, 2009.
  29. "The Art and the Science of Medicine," Medical Humanities Grand Rounds at Drexel University School of Medicine, Philadelphia, January 21, 2009.
  30. "Collective Intentionality and the Social Epistemology of Medical Consensus Conferences" invited paper presented at a Workshop on Collective Epistemology in Basel, Switzerland, October 3, 2008.
  31. "Feminist Radical Empiricism" invited paper presented at the second conference of the Society for Analytic Feminism at the University of Kentucky, Lexington, April 5, 2008.
  32. "Epistemological Reflections on the Art of Medicine and Narrative Medicine," invited paper presented at the University of Alabama Philosophy of Medicine Roundtable, Birmingham, March 29, 2008.
  33. "Norms of Dissent," invited paper presented at the Workshop "Dissent in Science: Origins and Outcomes," organized by the London School of Economics and the University of California, San Diego, March 4, 2008.
  34. "Recent Epistemological Paradigms in Clinical Medicine, Part II: Narrative Medicine," invited paper presented to the Philosophy Department, University of Washington, Seattle, November 9, 2007.
  35. "Recent Epistemological Paradigms in Clinical Medicine, Part II: Narrative Medicine," presented at a submitted symposium "Ways of Knowing in Clinical Medicine" at the American Society for Bioethics and Humanities Meetings, Washington DC, October 21, 2007.
  36. "Recent Epistemological Paradigms in Clinical Medicine," invited paper presented at a conference "Future Horizons for Philosophy of Medicine" organized by the Boston

- Colloquium for History and Philosophy of Science, September 25, 2007.
37. Discussant at symposium “Sex Differences and Evolutionary Psychology” at the Academy of Management Annual Meetings, Philadelphia PA, August 6, 2007.
  38. “Standpoint Theory and Creativity,” paper presented at a panel, “Is Standpoint Theory a Resource for Feminist Epistemology,” Society for Analytic Feminism session at the American Philosophical Association Eastern Division Meetings, December 29, 2006.
  39. “Response to Critics,” paper presented at a panel, “A More Social Epistemology: Decision Vectors, Epistemic Fairness and Consensus in Solomon’s *Social Empiricism*” at the Society for Social Studies of Science Meetings, Vancouver, BC, November 3, 2006.
  40. “The Role of Consensus Conferences in an Age of Evidence Based Medicine,” paper presented at a workshop “Three Epistemological Paradigms in Medical Research” at the Philosophy of Science Association Meetings, Vancouver, BC, November 2, 2006.
  41. “Norms of Epistemic Diversity,” invited paper presented at *Episteme* Third Annual Conference, Toronto, Ontario, June 2, 2006.
  42. “Epistemic Diversity or Epistemic Randomness? (Or, More on the Invisible Hand of Reason),” invited paper presented to the History and Philosophy of Science Program, Notre Dame University, March 30, 2006.
  43. “*Groupthink* versus *The Wisdom of Crowds*: The Social Epistemology of Deliberation and Dissent,” invited paper presented at the University of Memphis Department of Philosophy Spindel Conference on Social Epistemology, September 30, 2005.
  44. “Social Epistemology of Science,” invited paper presented at Inquiry Conference on Developing a Consensus Research Agenda in Science Education (NSF Sponsored, held at the Rutgers Graduate School of Education), February 17, 2005.
  45. “The Social Epistemology of NIH Consensus Conferences,” invited paper presented to the Department of Philosophy and the Center for the History and Philosophy of Science at Johns Hopkins University, February 9, 2005.
  46. “The Seats of Deceit,” talk at panel on “Emerging Neurotechnologies for Lie Detection: Promises and Perils” at the American Society for Bioethics and Humanities meetings, Philadelphia PA, October 29, 2004.
  47. “The Social Epistemology of NIH Consensus Conferences,” invited paper presented at a conference on Philosophical Issues in the Biomedical Sciences at the University of Alabama, Birmingham, May 14 2004.
  48. Critical Response to Helen Longino, *The Fate of Knowledge* (Princeton University Press, 2002), invited paper presented at an Author Meets Critics Session at the American Philosophical Association Pacific Division Meetings, Pasadena, CA, March 28, 2004.
  49. “The Social Epistemology of NIH Consensus Conferences,” invited paper presented at the School of Public Policy, Georgia Institute of Technology, December 5, 2003.
  50. Commentator on Ernan McMullin, “Values and Natural Science” at the Greater Philadelphia Philosophy Consortium Conference, *Science, Values and Society*, Swarthmore College, PA, March 22, 2003.
  51. “The Whiptail Lizard Reconsidered,” presented at the Society for Social Studies of Science Meetings, Milwaukee, Wisconsin, November 11, 2002.
  52. “The Epistemology of Consensus Conferences in Medicine,” presented at the Philosophy Affinity Group meeting, American Society for Bioethics and Humanities Meeting, Baltimore, MD, October 25 2002.



53. Critical Response to Ronald Giere, *Science Without Laws* (University of Chicago Press, 1999), invited paper presented at an Author Meets Critics Session at the American Philosophical Association Central Division Meetings, Chicago, IL, April 27, 2002.
54. "Consensus in Science," invited paper presented at the Center for Philosophy of Science, University of Minnesota, March 16, 2001.
55. "Consensus in Science," invited paper presented in the lecture series of the Center for Philosophy of Science, University of Pittsburgh, January 19, 2001.
56. "Complex Ethical Issues in Gene Therapy," invited paper presented at a symposium at the Annual North American Cystic Fibrosis Conference, Baltimore, MD, November 12, 2000.
57. "The Ethical Perspective," invited paper presented in a panel discussion, "Medical Errors: the Push for Public Disclosure—Helpful or Harmful?" at a conjoint meeting of the Philadelphia Academy of Surgery and the American College of Surgeons, Metropolitan Philadelphia Chapter. May 1, 2000.
58. "Epistemic Justice," invited paper presented at a working conference "Feminism and Naturalism" in St Louis, MO, September 24 1999.
59. "Consensus in Science," invited paper presented to the Department of Philosophy, Washington University in St Louis, Sept 23 1999.
60. "Whig Realism," invited paper presented to the Department of Philosophy, University of Georgia, January 29, 1999.
61. "The Medical Consensus Conference," presented at an invited symposium "Cancer Policy Wars: What's Science Got Ta' Do With It?" at the American Anthropology Association meetings in Philadelphia, PA, December 5 1998.
62. Organizer and Discussant, symposium on "The Medical Consensus Conference," at the Philosophy of Science Association Meetings, Kansas City, MO, October 23 1998.
63. "Consensus in Science," presented at an invited symposium at the World Congress of Philosophy in Boston, MA, August 13, 1998.
64. "Social Empiricism," invited paper presented at City College, City University of New York, November 13, 1997.
65. "Whig Realism," invited paper presented at the Graduate Center, City University of New York, November 12 1997.
66. Discussion of Frank Sulloway's *Born to Rebel* (Pantheon, 1996), invited talk for the Conference on Methods, New York City, May 3 1997.
67. "Situatedness and Specificity," talk presented at an invited symposium on situated cognition at the Eastern APA 1996 Meetings, Atlanta GA, December 29 1996.
68. "It *Isn't* the Thought That Counts," presented at an invited symposium at the Central APA 1996 Meetings sponsored by the Association of Informal Logic and Critical Thinking. Chicago, IL, April 24, 1996.
69. "Social Empiricism as Social Epistemology," invited paper presented at the University of Michigan Spring Colloquium, March 16 1996.
70. Invited Participant at an American Association for Artificial Intelligence Workshop on Rational Agency, to present my work on "social empiricism". Cambridge, MA, Nov 10-12, 1995.
71. Invited presentation on medical decision making at the first consensus conference on the Development of Guidelines for Trauma Care, Eastern Association for the Surgery of Trauma, Baltimore MD/Washington DC, October 12-13, 1995.

72. "Social Empiricism as Social Epistemology," invited paper presented at the Joint Seminar for History of Twentieth Century Science, Harvard University, April 26 1995.
73. "Is There An Invisible Hand of Reason?" invited paper presented to the Program in History and Philosophy of Science, University of Boulder, March 2, 1995.
74. "Social Empiricism as Social Epistemology," invited paper presented to the Department of Philosophy, Brandeis University, February 23 1995.
75. "Is There An Invisible Hand of Reason? Social and Psychological Factors in the Plate Tectonics Revolution and the History of Genetics" invited paper presented at a conference on Social Epistemology at the University of Utah, Jan 26-28, 1995.
76. "Is There An Invisible Hand of Reason? Social and Psychological Factors in the Plate Tectonics Revolution and the History of Genetics," invited paper presented to the Department of History and Sociology of Science, University of Pennsylvania, November 21 1994.
77. "Multivariate Models of Scientific Change," presented at an invited symposium, "Integrating Cognitive and Social Models of Science," Philosophy of Science Association Meetings, New Orleans, Louisiana, October 15 1994.
78. "Is There An Invisible Hand of Reason? Social and Psychological Factors in the Plate Tectonics Revolution and the History of Genetics," invited paper presented at the Dibner Institute, lunchtime colloquium, October 18, 1994.
79. "Information and the Ethics of Information Control in Science," presented at a workshop on Ethical Issues in Science, organized by the International Council of Scientific Unions, at the British Society for the Philosophy of Science meetings, London, September 24, 1994.
80. "A More Social Epistemology: Scientific Change in the Recent Revolutions in Geology and Genetics," invited paper presented to the Department of Philosophy, Dartmouth University, May 13, 1994.
81. "Gender in Accounts of Scientific Progress," invited paper presented to the Feminist Inquiry Seminar, Dartmouth University, May 12, 1994.
82. "Critical Response to Philip Kitcher, *The Advancement of Science* (Oxford, 1993)," invited paper presented at an Author Meets Critics session, American Philosophical Association Pacific Division Meetings, Los Angeles, California, March 30-April 2 1994.
83. "Is There an Invisible Hand of Reason?" invited paper presented to the Cognitive Science Forum, University of Waterloo, March 7, 1994.
84. "A More Social Epistemology: Scientific Change in the Recent Revolutions in Geology and Genetics," invited paper presented to the Department of Philosophy and the Westminster Institute, University of Western Ontario, March 4, 1994.
85. "Multivariate Models of Scientific Change," presented at an invited symposium "The Limits of Scientific Analysis" of the Boston Colloquium for Philosophy of Science, January 16 1994.
86. "Happily Ever After With Consensus?" presented at the Society for Social Studies of Science Annual Meeting, Purdue University, West Lafayette, Indiana, November 19, 1993.
87. "Scientific Decision Making and Social Epistemology: Evaluation of Scientific Change in the Development of Genetics and the Plate Tectonics Revolution," invited paper presented to the Department of Philosophy, State University of New York at StonyBrook, September 30 1993.
88. "Is There An Invisible Hand Of Reason?" invited paper presented at an international research

- conference "Non-Formal Foundations of Reason" in Newcastle, Australia, August 2-6, 1993.
89. "Maps as Models: Response to Ronald Giere, 'Determinate Models of an Indeterminate Reality,'" invited commentary presented at the Seventeenth Annual Greensboro Symposium in Philosophy, March 20, 1993.
  90. "Social Empiricism," invited paper presented to the Centre for the Philosophy of the Natural and Social Sciences, London School of Economics, January 11, 1993.
  91. "Social Empiricism," presented at the American Philosophical Association Eastern Division Meetings, Washington DC, December 28, 1992.
  92. "The Pragmatic Turn in Naturalistic Philosophy of Science," invited paper presented to the Department of Philosophy, University of Virginia, December 4 1992.
  93. "Cognition and Consensus in Scientific Change," presented at the Society for Philosophy and Psychology Annual Meetings, Montreal, Canada, June 8 1992.
  94. "Social Empiricism," invited paper presented to the Department of Philosophy, University of Pennsylvania, April 10 1992.
  95. Discussant on paper by Marshall Sahlins and Werner Sollars at a conference "National Identity and Cultural Diversity". Greater Philadelphia Philosophy Consortium, Villanova University, March 7 1992.
  96. "Naturalized Epistemology and the Psychology of Scientific Change," invited paper presented to the Department of Philosophy, University of Maryland, April 29, 1991.
  97. "Rationality, Heuristics and Interests in the Recent Revolution in Geology," invited paper presented at the Wednesday Seminar Series, Center for the Study of Science in Society, Virginia Polytechnic Institute and State University, April 3, 1991.
  98. "Naturalized Epistemology and the Psychology of Scientific Change," invited paper presented at the American Philosophical Association Pacific Division Meetings, Symposium on Naturalized Philosophy of Science, San Francisco, March 30, 1991.
  99. "Naturalized Epistemology and the Psychology of Scientific Change," invited paper presented at the Friday Colloquium Series, Institute for Research in Cognitive Science, University of Pennsylvania, February 22, 1991.
  100. "Rationality and Human Reasoning," invited paper presented to Department of Philosophy, Columbia University, May 3, 1990.
  101. Comment on Dale Holt, "Deterministic Chaos: The Worm in Newton's Apple," presented at the American Philosophical Association Central Division Meetings, New Orleans, April 27, 1990.
  102. "Cognitive Bias and the Distribution of Cognitive Effort," presented at the Southern Society for Philosophy and Psychology, Louisville Kentucky, April 12, 1990.
  103. "On Putnam's Argument for the Inconsistency of Relativism," presented at the American Philosophical Association Eastern Division Meetings, Atlanta, December 29, 1989.
  104. "Metajustification and Apriority in Bonjour's *The Structure of Empirical Knowledge*," presented at the American Philosophical Association Central Division Meetings, Chicago, April 28, 1989.
  105. "On the Supposed Inconsistency of Relativism," presented at the Ohio Philosophical Association Meetings, held at Ohio Wesleyan University, April 8, 1989.
  106. Comment on Andrew Ward, "Davidson, Animals and Believings," at the American Philosophical Association Central Division Meetings, Chicago, April 30, 1987.

## TEACHING

### Courses Recently Taught

Undergraduate level:	<p>Science in Context          Honors course: Science in Context          Honors course: Genetic Controversies          Philosophy of Science          Feminist Epistemology and Philosophy of Science (cross-listed with Women's Studies)          Senior Seminar          Perspectives on Science and Mathematics (for TUTeach)          Philosophy of Medicine</p>
Graduate level:	<p>Philosophy of Science          Feminist Epistemology and Philosophy of Science          Ethics in Medicine          Feminist Bioethics (at the University of Pennsylvania Center for Bioethics)          Consensus in Science (at the University of Vienna, Vienna International Summer University)          Philosophy of Medicine          Epistemology</p>

### PhD Supervision

Primary Advisor to:  
 Eric Fleming  
 Mimi Marinucci  
 Nancy McHugh  
 Julie Ragatz (ongoing)

Member of Dissertation Committee:  
 Joshua Baron  
 Aili Bresnahan  
 Patrick Denehy  
 Jina Fast  
 Nikolaus Fogle  
 Carmen Fosner (ongoing)  
 Jennifer Greenblatt  
 Philip Honenberger  
 Derek Nikolinakos  
 Austin Rooney (ongoing)

Nicholas Power  
 Scott Stroud  
 Benjamin White (ongoing)

Awards for Teaching Excellence/Teaching Development

Provost's Teaching Academy, Temple University, 2013  
 Temple University Teaching Fellow, 1993-4 (Lilly Endowment)  
 Certificate of Distinction in Teaching, Harvard University, 1983.

**SERVICE**

Service to the Profession

**(1) Publications**

**Referee for Journals:** *American Philosophical Quarterly*, *Annals of Internal Medicine*, *APA Newsletter on Feminism and Philosophy*, *Bioscience*, *British Journal of Philosophy of Science*, *Cognitive Science*, *Cognitive Systems Research*, *Episteme*, *European Journal for Philosophy of Science*, *Foundations of Science*, *Hypatia*, *International Studies in the Philosophy of Science*, *Journal of Medicine and Philosophy*, *Journal of Psychology of Science and Technology*, *Journal of Social Philosophy*, *Kennedy Institute of Ethics Journal*, *Medical Decision Making*, *Metaphilosophy*, *Nous*, *Perspectives on Science*, *Philosophical Psychology*, *Philosophy and Phenomenological Research*, *Philosophy Compass*, *Philosophy of Science*, *Polish Journal of Philosophy*, *Signs*, *Social Epistemology*, *Social Theory and Practice*, *Studies in History and Philosophy of Science*, *Synthese*, *Theoretical Medicine and Bioethics*, *Theoria*.

**Referee for Publishers:** Cambridge University Press, Oxford University Press, Basil Blackwell, MIT Press, Wadsworth, Routledge, Springer

**Editorial Board**, *Hypatia*, 2013-

**Local Editorial Adviser**, *Hypatia*, 2013-

**Editorial Board**, *Stanford Encyclopedia of Philosophy*, Subject Area Philosophy of Science, 2011-

**Editorial Board**, *Philosophy of Science*, 1994-1999 (5 year term); 1999-2004 (5 year term); 2005-2009 (5 year term); 2010-

**Guest Editor**, *Episteme* (Summer 2005 issue and associated conference)

**Editorial Board**, *Episteme* (2002-2005)

**Editorial Board**, *Social Epistemology*, 1991-4

**(2) Conferences**

**Program Committee**, Fifteenth International Congress on Logic, Methodology and the Philosophy of Science (section on Philosophy of the Human and Social Sciences), 2015

**Program Committee**, International Philosophy of Medicine Roundtable 2015

**Program Committee**, International Philosophy of Medicine Roundtable 2013

**Program Committee**, International Philosophy of Medicine Roundtable 2011

**Programme Committee**, European Society for the Philosophy of Science Meetings, 2011

**Reviewer** of interdisciplinary conference proposals for the American Society for Bioethics and Humanities Annual Meeting, 2010

**Program Committee**, International Philosophy of Medicine Roundtable, 2009.

**Chair of Program Committee**, Philosophy of Science Association Meetings, 2004.

**Chair of Program Committee, Eastern Division** of the American Philosophical Association, 1998 meeting.

**Program Committee, Eastern Division** of the American Philosophical Association, 1997 and 1998 meetings.

**Advisory Committee for the Eastern Division** of the American Philosophical Association, in the area of epistemology, 1995-6

**Co-Chair, Program Committee**, Society for Philosophy and Psychology Meetings, 1995.

**Program Committee**, Philosophy of Science Association Meetings, 1994.

### (3) Grant Review

External evaluator for grant proposals, Science and Technology Studies Program, National Science Foundation (ongoing).

Member of Committee of Visitors for the National Science Foundation Science and Technology Studies Program Review, September 2010

Member of Advisory Panel, Science and Technology Studies Program, National Science Foundation, Fall 2002-Fall 2005 (3-year term)

Member of Advisory Panel, Knowledge and Distributed Intelligence Program, National Science Foundation, August 1998.

Member of Advisory Panel, Science and Technology Studies Program, National Science Foundation, Spring 1996.

### (4) Other

External referee for tenure/promotion process (philosophy departments in several other institutions)

Honors Examiner in Philosophy, Swarthmore College, May 2014

Philosophy of Science Association Women's Caucus Prize Committee, 2014

Woodrow Wilson National Fellowship Foundation Career Enhancement Mentor 2013-14

Co-Chair, History and Philosophy of Science Reading Group, Greater Philadelphia Philosophy Consortium and Philadelphia Area Center for the History of Science 2012-

APA Search Committee for a new Executive Director, 2011-12

APA Committee on Philosophy and Medicine, 2011-14 (three-year term)

Philosophy of Science Association Search Committee for a new Executive Secretary/Treasurer, Fall 2012

Governing Board of the Philosophy of Science Association, 2011-14 (elected position, four year term)

**Advisory Board**, Society for the Philosophy of Science in Practice, 2010-

Founding Member, Women in Philosophy Task Force, August 2009-. Chair of Data Subcommittee.

Panelist at AskPhilosophers.org, August 2008-present

Founding Co-Chair, Philosophy of Science Association Women's Caucus, January 2007-December 2008.

External Evaluator for the Philosophy Department, City College of New York, March 2006.

Chair, Nominating Committee of the Philosophy of Science Association Jan 2006-Dec 2007 (elected position, two-year term)

APA Committee on the Status of Women, 2006-9 (three-year term); completed study of employment resulting from JFP advertising during academic year 2007-8 (published in *APA Proceedings and Addresses* 82:5, May 2009)

Advisory Committee to the Philosophy of Science Association Governing Board, 2004-5

Co-Chair, Greater Philadelphia Philosophy Consortium Philosophy of Science Discussion Group 2002-2006.

Vice-Chair, Greater Philadelphia Philosophy Consortium, 2003-4

Executive Committee of the Society for Philosophy and Psychology, 1995-8 (three year term)

Honors Examiner in philosophy, Swarthmore College, May 1993.

#### Service to Temple University

2001- Temple Hospital Ethics Committee

2009-12 Member, Steering Committee for Temple University Center for Urban Bioethics and the Humanities

02/24/11 "The Ethics of Personalized Medicine," presented to an alumni group in Palm Beach, Florida.

2008-9 Chair, Steering Committee for creation of Temple University Center for Medical Humanities and Urban Bioethics

04/29/08 "Ethics of Genetic Technology," presentation to Department of Biology graduate Students and faculty

10/17/07 "Ethics of Genetics and Biotechnology," presentation to the Ethics Elective at Temple Medical School

2006-9 Graduate Board (elected member)

2006-9 "Basics of Bioethics," presentation to Temple Medical School first year class

2006-9 TAUP Work-Family Balance Committee

3/26/03 "Openness and Secrecy in Scientific Research," presentation to the research students and postdoctoral fellows at Temple University School of Medicine

2001-7 Temple Children's Hospital Ethics Committee

2002-4 Presidential Committee to Review Personnel Policies

2002-? TAUP Women's Committee

2001-4 TAUP Executive Committee (elected office)

1999 TAUP Representative

1999-2000 University committee to evaluate Dissertation Fellowship applications

2/10/99 "Scientific Policy and Scientific Ethics," presentation to the research students and postdoctoral fellows at Temple University School of Medicine.

1996-97 Academic Priorities Committee (Provostial Appointment): subcommittee on non-funded research.

Service to the College

After 1991, service at Temple University. Before 1991, service at University of Cincinnati

- 2014-15 Ad-hoc Promotion Committee, Department of Critical Languages
- 2013-16 College Executive Committee (elected member, three year term)
- 2008-11 Promotion Committee, CLA (appointed member, three year term). Chair of Promotion Committee, 2009-10
- 2007-8 Ad-hoc Promotion Committee, Department of Classics
- 2007-10 College Research and Study Leave Committee (elected member, three year term)
- 2005-6 College Merit Committee (appointed member)
- 2005-12 Coordinator, Medical Humanities Discussion Group
- 2004-5 College Merit Committee (elected member)
- 2004-7 Council on Faculty Research (three year term)
- 2003-6 Academic Technology Committee (three year term)
- 2003-4 Research Incentive Fund Committee
- 2002-5 Budget Priorities Committee, CLA (elected three year term)
- 2000-3 Women's Studies Graduate Committee (three year term)
- 1998-9 Dean's Committee to evaluate the Intellectual Heritage Program.
- 9/27/95 Speaker at a brown bag lunch in the Women's Studies Department, discussing my research on gender and science.
- 10/23/92 Talk to the Geology Department, "Scientific Decision Making".
- 1992-7 Women's Studies Advisory Council
- 3/19/92 Discussant for a presentation by 1992 College of Arts and Sciences Alumni Fellow, Professor Henry Slovicor, on "Applications and Implications of Artificial Blood Technology"
- 1987-88 Space Committee, McMicken College of Arts and Sciences

Service to the Department

From 1991 on, service in the Department of Philosophy, Temple University. Before 1991, service in the Department of Philosophy, University of Cincinnati.

- 2013- Department Chair
- 2013-14 Search Committee
- 2010-2011 Merit Committee
- 2010-2011 Search Committee
- 2010 Departmental Chair Search Committee
- 2009-2010 Chair, Promotion and Tenure Committee
- 2008-2009 Personnel Committees
- 2008-2009 Undergraduate Prize Committee
- 2007-2008 Personnel Committees
- 2006-2012 Graduate Student Placement Committee
- 2005-2006 Personnel Committees
- 2004-2005 Chair, Personnel Committee
- Fall 2004 Chair, Ethics Search Committee
- 2004-2005 Visiting Speakers Committee
- 2004-2012 Director of Graduate Studies
- 2003-2004 Departmental Chair Search Committee



2003-2004 Chair, Philosophy of Mind Search Committee  
 Spring 2003 Graduate Committee  
 2002-2003 Visiting Speakers Committee  
 2001-2002 Visiting Speakers Committee, Departmental Hiring Committee  
 2000-2001 Department Chair Search Committee, Chair of Reappointment Committee  
 1999-2000 Graduate Student Placement Director, Chair of Reappointment Committee  
 1996-98 Departmental Webmaster  
 1996-97 Visiting Speakers Committee  
 1995-96 Visiting Speakers Committee, Merit Committee  
 1993-94 Visiting Speakers Committee  
 1992-93 Departmental Hiring Committee  
 1991-92 Chair, Course Evaluation Questionnaire Committee  
 1991-92 Departmental Chair Search Committee  
 1991-92 Departmental Hiring Committee  
 1991-92 Visiting Speakers Committee  
 1989-90 Undergraduate Studies Committee  
 1988-89 Coordinator, 25th Annual Department of Philosophy Colloquium. Title of Colloquium: "Human Reasoning".  
 1987-88 Departmental Hiring Committee  
 1987-88 Visiting Speakers Coordinator  
 1986-87 Undergraduate Studies Committee  
 1998-9 Graduate Student Placement Director

### **PROFESSIONAL MEMBERSHIPS**

American Philosophical Association (APA), Eastern Division  
 American Society for Bioethics and Humanities (ASBH)  
 The Association for Feminist Epistemologies, Methodologies, Metaphysics and Science Studies (FEMMSS)  
 History of Science Society (HSS)  
 International Network on Feminist Approaches to Bioethics (FABnet)  
 International Philosophy of Medicine Roundtable  
 International Society for the Psychology of Science and Technology  
 Philosophy of Science Association (PSA)  
 Society for Analytic Feminism (SAF)  
 Society for Philosophy of Science in Practice (SPSP)  
 Society for Social Studies of Science (4S)  
 Society for Women in Philosophy (SWIP), Eastern Division