Sherrilyn Roush

UCLA Department of Philosophy   roush@ucla.edu
390 Portola Plaza
321 Dodd Hall
Box 951451
Los Angeles, CA 90095-1451

Employment

University of California, Los Angeles
>Professor of Philosophy, 2017-

King's College London
>Peter Sowerby Professor of Philosophy and Medicine, 2014-2017

University of California, Berkeley
>Professor, Department of Philosophy, 2013-2014
>Associate Professor, Department of Philosophy, 2006-2013
>Faculty, Group in Logic and the Methodology of Science, 2006-2014

Rice University
>Assistant Professor, Department of Philosophy, 1999-2006

Education

Harvard University
>Ph.D., Philosophy, 1999

Pennsylvania State University
>B.S. degree with highest distinction, in Mathematics, 1988
>B.A. degree with highest distinction and honors, in Philosophy, 1988

Areas of Specialization

Philosophy of Science, Epistemology, Formal Epistemology

Areas of Competence

Logic, Metaphysics, Kant's Theoretical Philosophy

Academic Honors

Outstanding Alumnus Award 2024, Department of Philosophy, Pennsylvania State University
Visiting Fellow, Center for Formal Epistemology, Carnegie Mellon University,

August 2013, Fall 2014
Humanities Research Fellowship, UC Berkeley, "Rational Self-Doubt," for Fall 2015, declined
Mellon Project Grant, UC Berkeley, "Rational Self-Doubt," for 2014-2015, declined
NSF grant award SES, 2008-2012, "Fallibility and Revision in Science and Society"
Visiting Fellow, Dept. of Logic and Philosophy of Science, U.C.-Irvine, Spring 2004
Visiting Fellow, Center for Philosophy of Science, Univ. of Pittsburgh, Fall 2003
Woodrow Wilson Career Enhancement Fellowships, 2002, Honorable Mention
Center for the Study of Cultures teaching leave fellowship, Fall 2001
American Association of University Women Dissertation Fellowship, 1995-1996
National Science Foundation Fellowship, for Philosophy of Science, 1988-1991
Mellon Fellow in the Humanities, 1988 cohort
Dotterer Prize in Philosophy, Penn State, 1988
National Endowment for the Humanities Younger Scholars Award, summer 1987

Publications

"Verdictive Justice and the Value of Procedure," to appear in *Philosophical Perspectives on Crime, Violence, and Justice*, M. Blake Wilson, ed. Budapest: Trivent Publlishing.

"Naked Statistical Evidence and Verdictive Justice," to appear in *Analytic Philosophy*.

"Knowledge, Evidence, and Naked Statistics", in *Externalism about Knowledge*, Luis Oliveira ed. Oxford: Oxford University Press, 2023.

"Coherence, Truthfulness, and Efficiency in Communication," *Philosophical Analysis* (Chinese only), 2021.

"The Epistemic Superiority of Experiment to Simulation", *Synthese* 195 (11): 4883-4906, 2018. https://link.springer.com/article/10.1007/s11229-017-1431-y

"Epistemic Self-Doubt", *The Stanford Encyclopedia of Philosophy* (Winter 2017 Edition), Edward N. Zalta (ed.), URL = <https://plato.stanford.edu/archives/win2017/entries/epistemic-self-doubt/>.

"The Difference between Knowledge and Understanding", in *Explaining Knowledge*: *New Essays on the Gettier Problem*. Oxford: Oxford University Press, 2017, 384-407.

"Closure Failure and Scientific Inquiry", *R*es *Philosophica* 94 (2): 275-299, 2017.

"Simulation and Understanding Other Minds", *Noûs*: *Philosophical Issues* 26 - *Knowledge and Mind*, 2016. https://doi.org/10.1111/phis.12079

"Knowledge of Our Own Beliefs", *Philosophy and Phenomenological Research* 93 (3): 45-69, 2016.

"The Rationality of Science in Relation to its History", in *Kuhn's Structure of Scientific Revolutions: 50 Years On*, Boston Studies in Philosophy and History of Science, Springer, 2015, 71-90.

"Justification and the Growth of Error", *Philosophical Studies* 165 (2): 527-551, 2013. https://www.jstor.org/stable/42920519

"Sensitivity and Closure", in *The Sensitivity Principle in Epistemology*. Kelly Becker and Tim Black, eds. Cambridge University Press, 2012, 242-268.

"Skepticism about Reasoning", with Kelty Allen and Ian Herbert, in *New Waves in Philosophical Logic*, Gillian Russell and Greg Restall eds. Palgrave-MacMillan, 2012, 112-141.

"Closure on Skepticism", *Journal of Philosophy* 107 (5): 243-256, 2010.
https://www.jstor.org/stable/25764444

"The Value of Knowledge and the Pursuit of Survival", *Metaphilosophy* 41 (3): 255-278, 2010. Reprinted in *Putting Information First: Luciano Floridi and the Philosophy of Information*, Patrick Allo, editor. Blackwell, 2010.

"Optimism about the Pessimistic Induction", in *New Waves in Philosophy of Science*, P.D. Magnus and Jacob Busch eds. Palgrave-MacMillan, 2010, 29-58.

"Second-Guessing: A Self-Help Manual", *Episteme* 6 (3): 251-268, 2009.

"Précis of Tracking Truth", and "Replies", *Philosophy and Phenomenological Research* 79(1), 213-222, 240-247, 2009.

"Randomized Controlled Trials and the Flow of Information: Comment on Cartwright", *Philosophical Studies* 143 (1): 137-145, 2009, Proceedings of the 38th Oberlin Colloquium in Philosophy.

"Constructive Empiricism and the Role of Social Values in Science", in *Value-Free Science: Ideals and Illusions*, Harold Kincaid, John Dupré, and Alison Wylie eds. Oxford: Oxford University Press, 2007.

Tracking Truth: Knowledge, Evidence, and Science. Oxford University Press, 2005. Paperback 2007.

"Testability and Candor", *Synthese* 145 (2): 233-275, 2005. https://www.jstor.org/stable/20118592

"Testability and the Unity of Science", *Journal of Philosophy* 101 (11): 555-573, 2004.
https://www.jstor.org/stable/3655667

"Discussion: Positive Relevance Defended", *Philosophy of Science* 71 (2004): 110-116, reprinted in *Scientific Evidence: Philosophical Theories and Applications*, ed. Peter Achinstein, Johns Hopkins University Press, 2005. https://doi.org/10.1086/381416

"Copernicus, Kant, and the Anthropic Cosmological Principles", *Studies in History and Philosophy of Modern Physics* 34 (2003): 5-35.

"Alternate Possibilities and their Entertainment", *Philosophy* 73 (1998): 559-571.
https://www.jstor.org/stable/3751955

Work in Progress

"The Wrong of Testimonial Injustice" – I give an account of the nature of the wrong of epistemic injustice that has it depend not on the inaccuracy of generalizations that are used or made in the process of deciding whether to listen to or trust a speaker, but on whether the basis of the decision about a speaker is their reliability or their identity, and the account explains why the latter is a moral wrong.

"Epistemic Purism and the Principle of Total Evidence" – In my view judging individuals using generalizations can be a moral wrong even if those generalizations are reliable. This raises the question whether we can have a moral obligation to violate the principle of total evidence that says we must take all evidence into account. I probe the origin and justification of two principles of total evidence, and explain how it is possible to adhere to them and avoid morally wronging others.

"Law and Likelihoods" – I use an understanding of likelihoods to explain several important aspects of legal evidence: 1) what is strong, and what is weak, about DNA match evidence, 2) why multi-factor profiling is far superior to single-factor profiling, 3) how a body of circumstantial evidence can be just as strong as a piece of direct evidence, 4) why corroborating evidence can strengthen a case significantly without raising the posterior probability of the charge very much.

"Base Rates in Case Law," with Harrison James. This is a law review survey paper of real cases that are referred to, usually in passing, when philosophers and legal theorists discuss the problem of naked statistical evidence using toy examples. We find that none of the cases usually cited are actually examples of the toy question about naked statistical evidence that these theorists ask, but there are such cases in Vaccine Court.

"Realism, Race, and Natural Kinds," In many publications, Quayshawn Spencer has argued that the race categories used by the Office of Management and Budget (African, European, Asian, Pacific Islander, (Native) American) correspond to biologically real races. The basis of this claim is the genetic clustering found by algorithms mining genomes of current human beings. I argue that this evidence does not support the conclusion.

"Is Knowledge a Natural Kind?" Hilary Kornblith famously argued that knowledge is a natural kind. How metaphysically realist do we need to be about natural kinds for this claim to be significant? I argue that a metaphysically minimalist picture of what natural kinds are is sufficient to support the significance of this thesis about knowledge.

"Hypochondria and Self-Recalibration" revise and resubmit status, for Current Themes in the Philosophy of Psychiatry, a special issue of *Critica: Revista Hispanoamericana de Filosofía*.

Other Publications

Self-Knowledge in and outside of Illness, edited volume, Tuomas Pernu and Sherrilyn Roush eds. *Palgrave Communications*, 2017. https://www.nature.com/collections/ttmsbvsznt

"Facing our Fallibility", *International Innovation* (European portal for scientific dissemination, online and print magazine), Research Media Ltd., 2012.

"Pessimistic Induction", *Encyclopedia of Philosophy and the Social Sciences*, Byron Kaldis, editor. SAGE Reference, 2012.

"Fallibility and Authority," *Leadership in Science and Technology: A Reference Handbook*, William Sims Bainbridge, editor. SAGE Reference Series on Leadership, 2012.

"*Love* Science," article for Philosophy Department newsletter, UC Berkeley, 2008.

"Robert Nozick," *Companion to Epistemology*. Malden, MA: Blackwell, 2008.

"Problem of Induction," in *The Philosophy of Science: An Encyclopedia*, Routledge, 2005.

"Anthropic Principle," in *The Philosophy of Science: An Encyclopedia*, Routledge, 2005.

Posted

"Gott's Doomsday Argument," with Bradley Monton, *PhilSci Archive*, 2001.

"Bayesian Recalibration: A Generalization," *PhilSci Archive*, 2017.

Belief and Decision under Uncertainty. *PhilPapers*, 2017.

"Hypochondria and Self-Recalibration," *PhilPapers*, 2017.

Book Reviews

Deductive Logic (2003) by Warren Goldfarb, *Bulletin of Symbolic Logic* 10 (4): 570-573, Dec. 2004.

The Book of Evidence (2001) by Peter Achinstein, *ISIS* 94 (1): 203-204, March 2003.

The Comprehensibility of the Universe (1998) by Nicholas Maxwell, *Philosophical Review* 110 (1): 85-87, 2001.

Outreach

Research Consultant, *Mental Health and Justice*, Wellcome Trust research initiative, 2016-2021. Member of workstreams 4 and 5: Decision-making and Insight, and Decision-making and Metacognition.

Panelist, "Cutting Edge Technology for All – How?" Satellite Symposium sponsored by Boehringer-Ingelheim Pharmaceuticals, European Association of Hospital Pharmacists (EAHP) meeting, Cannes, France, March 2017.

Panelist, "What would the world look like if everyone had Inflammatory Bowel Disease?" Panel Discussion sponsored by Boehringer-Ingelheim Pharmaceuticals, European Crohn's and Colitis Organization (ECCO) meeting, Barcelona, Spain, February 2017.

Interviewee, "Eradicating All Diseases", BBC Radio 4, September 2016, re: Zuckerberg Infectious Disease Initiative.

Interviewee, "Moral Dimensions of Artificial Intelligence", Research for Construction Film (Swedish Production Company), 2016.

Guest, "Second-Guessing Ourselves," Philosophy Talk Radio Show, aired September 2014, available at philosophytalk.org

Contributor, "Why Track Bigfoot?", text for exhibition on Bigfoot at Phoebe A. Hearst Museum of Anthropology, U.C., Berkeley. Spring 2008.

Interviewee, "Evolutionary Science, and Religion in America," German Public Radio, broadcast for occasion of Darwin's 200th birthday, Spring 2008.

Invited Talks

October 2023	"What is Unjust about Epistemic Injustice?" Midwest Epistemology Workshop, Washington University in St. Louis.
June 2023	"Naked Statistical Evidence and Verdictive Justice," Tokyo Forum for Analytic Philosophy, University of Tokyo, Komaba.
October 2022	"Naked Statistical Evidence and Verdictive Justice," Columbia University
May 2022	"Naked Statistical Evidence and Verdictive Justice," *Analytic Philosophy Symposium*, University of Texas, Austin
April 2022	"Realism, Race, and Natural Kinds," History, Philosophy, and Science of Science (HPASS) working group, UCLA
Feb. 2022	"Realism, Race, and Natural Kinds," Symposium: New Avenues in the Scientific Realism Debate, Central APA
Jan. 2022	"Should decision theory guide the formulation of the Principal Principle?" Rutgers Foundations of Probability Seminar Panel
Dec. 2020	"The Use and Abuse of Base Rates," Philosophy in Medical Education: Race, Gender and Bias Workshop, *Philosophy & Medicine Project*, King's College London
August 2020	"Principles of Total Evidence", 3-part webinar series, Bayes by the Sea (cancelled)
August 2020	"Evidence that is Illegal to Use", Bayes by the Sea, Ancona, Italy, 2020 conference; cancelled, re-invitation for 2021; cancelled.
February 2020	"Epistemic Justice and the Principle of Total Evidence", Philosophy of Science seminar, UC San Diego
Sept. 2019	"Metacognition and Mental Capacity" Mental Health and Justice Annual meeting, Wellcome Trust, London
Sept. 2019	"Epistemic Justice and the Principle of Total Evidence", Philosophy Colloquium, King's College London
January 2019	"Epistemic Justice and the Principle of Total Evidence", HPS colloquium, Indiana University
July 2018	"Coherence, Truthfulness, and Efficiency in Communication", 13th Conference on Logic and the Foundations of Game and Decision Theory (LOFT), Bocconi University, Milan
May 2018	"Coherence and Truthfulness", Conference in Ethics and Epistemology, Shandong University, Jinan, China
May 2018	"Coherence and Truthfulness", Knowledge, Belief, Evidence Conference, Ertegun House, University of Oxford
October 2017	"The Epistemic Superiority of Experiment to Simulation," History and Philosophy of Science Seminar, University of Leeds
October 2017	"Evidence and the Single Case", Mental Health and Justice Workshop, Institute of Psychiatry, Psychology, and Neuroscience, King's College London
Sept. 2017	"The Epistemic Superiority of Experiment to Simulation," Aarhus University, Denmark
March 2017	"The Epistemic Superiority of Experiment to Simulation," Philosophy of Science Research Group, University of Edinburgh
February 2017	"Pride and the Virtues of Mechanical Methods," Workshop on Professional Vices, University of Warwick
Dec. 2016	"Hypochondria and Self-Recalibration," Maudsley Philosophy Group, London
Sept. 2016	"How Should Definitions be Justified?" 100th Meeting of the Royal Society of Chemistry, Toxicology Group, London

Sept. 2016   "Closure Failure and Scientific Inquiry," Metaphysics of Knowledge Workshop,
                 University of St. Andrews

July 2016   "The Epistemic Superiority of Experiment to Simulation," Quad University of Pittsburgh
                 HPS Fellows Conference, Lund University, Sweden

June 2016   "The Difference Between Knowledge and Understanding," Department of Philosophy,
                 UCLA

May 2016   "The Difference Between Knowledge and Understanding," Epistemology Research
                 Group, University of Edinburgh

May 2016   "Hypochondria and Self-Re-Calibration," Self-Knowledge In and Out of Illness
                 Symposium, King's College London

April 2016   "Reasoning and Indirect Knowledge," *Res Philosophica* conference - Bridges Between
                 Formal and Traditional Epistemology, St. Louis, MO

October 2015   "Self-Doubt and Conclusion Reversals," Philosophy of Medicine and Medical Humanities
                 Seminar, University of Bristol

June 2015   "Knowledge of Our Own Beliefs," Popper Seminar, London School of Economics

May 2015   "Knowledge of Our Own Beliefs," Keynote Lecture, Berkeley-London Graduate
                 Philosophy Conference, UC Berkeley

May 2015   "Knowledge of Our Own Beliefs," Rutgers Epistemology Conference

February 2015   "The Difference between Knowledge and Understanding," Epistemology Workshop,
                 Kyoto University, Japan

                 "Closure and the Growth of Error," Kyoto University, Japan

                 "Rationality and Mental Disorder," Psychiatry Group, School of Medicine, Kyoto U.

January 2015   "The Rationality of Science in Relation to its History," History and Philosophy of Science,
                 University of Cambridge

Nov. 2014   "Closure and the Growth of Error," *Synthese* conference: Qualitative and Quantitative
                 Methods in Formal Epistemology, Amsterdam

Nov. 2014   "The Rationality of Science in Relation to its History, Annual Lecture Series, Center for
                 Philosophy of Science, University of Pittsburgh

October 2014   "Rational Self-Doubt: The Re-Calibrating Bayesian," Carnegie Mellon University,
                 philosophy colloquium

June 2014   "Knowledge, Understanding, and Respect," King's College London, philosophy
                 colloquium

June 2014   "Self-Doubt and Conclusion Reversals," King's College London, philosophy colloquium

March 2014   "The Difference between Knowledge and Understanding," UBC Epistemology
                 Colloquium, Vancouver

February 2014   "The Difference between Knowledge and Understanding," Logic Colloquium, UC Berkeley

May 2013   "Rational Self-Doubt," Formal Epistemology Workshop, Rutgers

April 2013   "Rational Self-Doubt," University of Miami

April 2013   "The Rationality of Science in Relation to its History," University of Miami

February 2103   "The Rationality of Science in Relation to its History," Yale philosophy colloquium

Dec. 2012   "The Gettier Problem: Knowledge and Understanding," Eastern APA Symposium:
                 Gettier at 50.

Dec. 2012   "Rules and Rationality," Symposium: Kuhn's *Structure* 50 Years Later, MIT

June 2012   "Reasoning and the Growth of Error," Logic, Rationality, and
                 Intelligent Interaction Workshop, Stanford CSLI

April 2012   "Optimism about the Pessimistic Induction," University of Indiana, Bloomington

	History and Philosophy of Science Department colloquium
January 2012	"Reasoning and the Growth of Error," Logic Colloquium, Group in Logic and the Methodology of Science
May 2011	"Calibration, Credibility, and Equity," Logic and Methodology Workshop, Stanford CSLI
April 2011	"Calibration, Credibility, and Equity," part of invited symposium "Statistics in Applied Epistemology," American Philosophical Association, Pacific, annual meeting
March 2011	"Rational Self-Doubt," MIT philosophy colloquium
February 2011	"Rational Self-Doubt," U.C., Riverside philosophy colloquium
Nov. 2010	"Individualists can be Predictivists Too," commentary on *The Paradox of Predictivism*, Philosophy of Science Association meeting, Montreal
Dec. 2009	"Rational Self-Doubt," Logic Colloquium, Group in Logic and the Methodology of Science, U.C., Berkeley
October 2009	"Optimism about the Pessimistic Induction," Virgil Aldrich Lecture, University of Utah Department of Philosophy
October 2009	"Optimism about the Pessimistic Induction," University of British Columbia philosophy colloquium
June 2009	"Second-Guessing: A Self-Help Manual," *Episteme* Conference on Disagreement, Northwestern University
May 2009	"Hume and the Logic of Second-Guessing," Stanford Logic in the Humanities Workshop
May 2009	"Optimism about the Pessimistic Induction," U.C., Santa Barbara
April 2009	"Optimism about the Pessimistic Induction," London School of Economics, conference
Nov. 2008	"Optimism about the Pessimistic Induction," University of Washington, Seattle, philosophy colloquium
May 2008	"As the World Turns: The Value of Knowledge and Justification," Stanford-Berkeley Logic Workshop
May 2008	"What is Reasoning Good For?" Keynote lecture, London-Berkeley Graduate Philosophy Conference
April 2008	"What is Reasoning Good for?" Working Group in Philosophy of Mind
April 2008	"Randomized Controlled Trials and the Flow of Information," commentary on Nancy Cartwright, "Evidence-Based Policy: *So*, What's Evidence?" 38th Oberlin Colloquium in Philosophy
Feb. 2008	"Vigilante Science," Phoebe Hearst A.Museum of Anthropology, U.C., Berkeley
Nov. 2007	"What is Reasoning Good for?" PhilFemme, U.C., Berkeley
Nov. 2007	"What is Reasoning Good for?" Institute for Cognitive and Brain Sciences, U.C. Berkeley
June 2007	"Literalism and Cruelty to Animals," Comment on Fred Dretske, Conference on the Epistemology of Keith Lehrer, Porto Alegre, Brazil
May 2007	"Knowledge of Logical Truth," Logical Methods in the Humanities colloquium, Stanford University
May 2007	"Tracking: Knowing the Truth," Department of Philosophy, U.C., San Diego
May 2007	"Real Anti-realism," Distinguished Speaker, Graduate Student Conference, U.C.S.D.
October 2006	"Knowledge of Logical Truth," Logic Colloquium, Group in Logic and the Methodology of Science, U.C., Berkeley

May 2006   Commentary on "Tracking Truth," Horacio Arlo-Costa and Rohit Parikh,
            Formal Epistemology Workshop, U.C., Berkeley

April 2006   "Evidence: Discrimination, Indication, and Leverage," Department of Statistics,
            Rice University

March 2006   "Science and Authority: Fine-Tuning and Design in Modern Cosmology," *Rockwell
            Lecture Series*, Rice University

February 2006   "Tracking: Knowing the Truth," Department of Philosophy, U.C., Berkeley

May 2005   Commentary on "Uncertainty and Undermining," Jim Pryor, Formal Epistemology
            Workshop, University of Texas, Austin

April 2005   "Knowledge of Logical Truth," Department of Logic and Philosophy of Science,
            U.C., Irvine

March 2005   Commentary on "Scientific Kinds and the New Essentialism," Anjan Chakravartty,
            Pacific Division APA meeting

June 2004   "Real Anti-Realism," Department of Logic and Philosophy of Science, U.C., Irvine

May 2004   "The Probability of the Evidence," Formal Epistemology Workshop, Program for Logic
            and Methodology of Science, U.C., Berkeley

May 2004   "The New Tracking Theory of Knowledge," Dept. of Philosophy, U.C., Irvine

Apr.-May 2004   "Knowledge as Tracking," Game Theory Seminar, LPS, U.C., Irvine

Oct. 2003   "The Tracking View of Scientific Evidence," Center for Philosophy of Science,
            University of Pittsburgh

April 2003   "The Tracking View of Scientific Evidence," Conference on Scientific Evidence,
            Johns Hopkins University

March 2003   "What is Evidence? Discrimination, Indication and Leverage," Department
            of Philosophy, Southern Methodist University

Oct. 2002   "What do Animals Know?" Center for the Study of Cultures, Rice University

Oct. 2002   "Entanglement between a Study and its Subject Matter," Anthropology Department,
            Rice University

Sept. 2002   "Tracking with Closure," Philosophy Department, Texas A&M

Nov. 2001   "The Anthropic Principle," American Academy of Religion, Denver, CO

Sept. 2001   "Testability and Candor," Central Texas Philosophy of Science Consortium

May 2001   Commentary on "The Causal Constraint and the Uniqueness Constraint," Jose
            Martin, Central Division APA meeting

Feb. 2001   "Constructive Empiricism and the Role of Social Values in Science,"
            Values and Science Conference, University of Alabama, Birmingham

Oct. 2000   "The Anthropic Principle: Probability, Cosmology and Copernicus,"
            Scientia University Lecture Series, Rice University

Aug. 2000   "The Spectator View of Knowledge" and "Weak Anthropic Reasoning,"
            Kira Institute Summer School

Nov. 1999   "Selection Effects and Revolutions," University of Texas, Austin
            "The Heuristic Aspect of Transcendental Arguments," U.T., Austin
            Philosophy of Science Group

March 1997   "The Anthropic Principle," Physical Sciences Research Group, Harvard

Feb. 1996   "On the Possibility of Anthropic Explanation," Harvard-Princeton History of
            Science Colloquium

Refereed Presentations

Nov. 2017	"Epistemic Justice and the Principle of Total Evidence", Canadian Society for Epistemology, Montreal
October 2017	"What makes it Understanding?", Understanding Others Workshop, Jena, Poster
Nov 2016	"Decision Theory for Tomorrow's Doctors", 26th Biennial Philosophy of Science Association meeting 2016, Poster
Nov 2014	"The Epistemic Superiority of Experiment to Simulation," 24th Biennial Philosophy of Science Association meeting 2014
May 2014	"The Epistemic Superiority of Experiment to Simulation," Philosophy of Scientific Experiment 4, Center for Philosophy of Science, University of Pittsburgh
October 2013	"The Rationality of Science in Relation to its History," 17th Inter-American Congress of Philosophy, Bahia, Brazil
Nov. 2006	*Tracking Truth*, Author Meets Critics, PSA 2006, Vancouver
March 2006	*Tracking Truth*, Author Meets Critics, Pacific APA, Portland
March 2003	"Tracking with Closure," Pacific APA Colloquium
Dec. 2002	"Testability and the Unity of Science," Eastern APA Symposium
June 1999	"A Different Source for the Inadjudicability of Disputes," Incommensurability Conference, Hanover, Germany
Sept. 1997	"Transcendental Arguments," British Society for Philosophy of Science, Oxford
Aug. 1995	"A Peculiarity of Explanation in the Cosmological Context," Physical Sciences Section, 10th International Congress of Logic, Methodology and Philosophy of Science, Florence, Italy
Feb. 1993	"Gödel's Theorems and the Mind," 1st Annual Harvard/MIT Graduate Phil. Conference

Teaching

I. Philosophy

UCLA, Dept. of Philosophy,
Natural Kinds and Kinds of People – graduate seminar (Spring 2021)
What is Race? What is Sex? – undergraduate seminar (Winter 2021)
Skepticism and Rationality – intro UG (Winter 2019, Winter 2020)
Naked Statistical Evidence and Individuals – graduate seminar (Fall 2019)
Knowledge and Individuals – graduate seminar (Spring 2019)
Philosophy of Medicine – upper level UG (Spring 2019, Winter 2020, Spring 2021)
Philosophy of Science – upper level UG (Winter 2018)
Theory of Knowledge – upper level UG (Winter 2018, Winter 2019)
The Value of Coherence – graduate seminar (Spring 2018)

GKT School of Medical Education, Belief and Decision under Uncertainty (Spring 2017)

King's College London, Dept. of Philosophy,
Philosophy of Science – upper level UG, and Masters level (Spring 2016, 2017)
Philosophy of Medicine – Masters level (Spring 2016, Fall 2016)

U.C., Berkeley, Dept. of Philosophy,
Computer Simulation in Science and Philosophy (freshman seminar Fall 2013)
Probability as Constraint and Representation (graduate seminar Spring 2010, 2011, 2012)

Epistemology – upper level (Fall 2007, 2010, 2013)
Introductory Logic (Fall 2010, 2011, 2012)
Philosophy of Science – upper level (Spring 2007, 2009, 2010, Spring 2013, Fall 2013)
Dissertation seminar (2008-09, 2012-13)
Fallibility in Science and Society, graduate seminar (Fall 2008)
Knowledge and Its Limits – lower level epistemology (Fall 2006, 2008, Spring 2012)
Self-Monitoring and Rationality, graduate seminar (Fall 2007)
Knowledge and its Limits, graduate seminar, with Branden Fitelson (Fall 2006)

Rice University, Dept. of Philosophy, Assistant Professor
Theory of Knowledge (Spring 2003, Spring 2005, Fall 2005)
Philosophical Perspectives on Science (Fall 1999, Fall 2000,
        Spring 2002, Fall 2004)
Philosophy of Science (Fall 1999, Fall 2000, Spring 2002, Spring 2005)
Deductive Logic (Spring 2000, Fall 2005)
Scientific Reasoning - graduate seminar (Spring 2000)
Progress in Science - graduate seminar (Spring 2001)
Epistemology of Science - graduate seminar (Fall 2004)

Harvard University, Dept. of Philosophy
Teaching Assistant, The Public and the Private, Seyla Benhabib (Spring 1999)
Teaching Assistant, Frege, Russell, and Early Wittgenstein (Spring 1998)
Teaching Assistant, Moral Reasoning: Self, Freedom and Existence (Fall 1997)
Instructor, 2 tutorials: A Priori Knowledge (Spring 1997)
Instructor, 2 tutorials: The Problem of Induction (Spring 1995, Fall 1996)
Instructor, tutorial on Kant's *Critique of Pure Reason* (Fall 1994)
Teaching Assistant, Logic and Philosophy (Math 141), advanced logic
        (Spring 1994, Spring 1993, Spring 1991)
Teaching Assistant, Deductive Logic, an introductory course
        (Fall 1993, Fall 1991, Summer School 1991)
Teaching Assistant, Introduction to Philosophy
        (Fall 1992, Summer School 1994)
Teaching Assistant, Philosophy of Physics (Spring 1991)

II. Science

Harvard University, Core Curriculum Science
Teaching Assistant, The Einsteinian Revolution, Peter Galison (Fall 1998)
Teacher, Space, Time and Motion (Fall 1991, Spring 1992)
Teacher, Chance, Necessity and Order (Fall 1990)

New England Conservatory of Music, Department of Liberal Arts, Lecturer
Measure for Measure, a course on music and science (Fall 1996)
Chance, Necessity, Order and Chaos (Fall 1991, Fall 1992, Fall 1993, Fall 1994)
Introduction to Astronomy and Cosmology (Spring 1992, Spring 1993, Spring 1994)

Radcliffe College

Radcliffe Summer Program in Science, Section teacher and lab instructor (Summer 1992)

Pennsylvania State University, Core Curriculum Biology, Teaching Assistant (Spring 1986)

Teaching Honor

Certificate of Excellence in Teaching, Harvard University, for "Space, Time and Motion", 1991-92

Service

2023-24	Co-Chair, Philosophy of Science Section, XXV World Congress of Philosophy 2024
2021-	Chair, Department of Philosophy, UCLA
2021-	Chair, Kaplan-Panzer Philosophy Endowment Advisory Board
2020-2021	Faculty Review Committee for the 2021-22 Graduate Research Mentorship Program
2019-2021	Graduate Advisor, Dept. of Philosophy, UCLA
2018-2019	Dean's Task Force on Experimental Humanities, UCLA
2018-2021	Kaplan-Panzer Philosophy Endowment Advisory Board member
2018	Graduate Admissions Committee, Dept. of Philosophy, UCLA
2016-2017	Humanities Lead, Curriculum 2020, curriculum reform at GKT School of Medicine
2014-2017	Director, *Philosophy & Medicine Program*, King's College London
2014	Advisory Committee for Eastern APA 2014 meeting – philosophy of science
2013-2014	Tarski Fund Committee
2011-Dec. '13	Chair, Group in Logic and the Methodology of Science
2010-2013	Chair, Graduate Admissions and Fellowships, Dept. of Philosophy
2010-2012	Co-Chair, Graduate Admissions and Fellowships, Group in Logic and the Methodology of Science
2010-2011	Graduate Advisor, Group in Logic and the Methodology of Science
2010	CUSH Regents' and Chancellor's Scholarship Subcommittee
2008-2009	CAPRA
2008-2011	Philosophy Department Equity Advisor
2007	Graduate Admissions Committee
2007-2011	Section Editor, Epistemology, *Philosophy Compass*
2007-2008	Faculty Search committee
2005-2010	Editorial Board, *Philosophy Compass*
2005-2006	Graduate Placement Officer, Philosophy, Rice University
2005-2006	PSA Program Committee
2004-2006	Faculty and Staff Benefits Committee (university committee)
2002-2003	Humanities Dean Search Committee
2002-2003	Marshals Committee (university committee)
2002-2003 and 2005-2006	Leader, Cultural Studies of Science and Technology, Center for the Study of Cultures
Spring 2002	Conference organizer for Central Texas Philosophy of Science Consortium
2002-2006	Consulting editor for *Episteme*
2000-2002 and 2004-2005	Director of Graduate Studies, Philosophy, Rice University
2001-2002	President's Lecture Series (university committee)

2000-2001	Graduate Council (university committee)
2001-2003	Graduate Grievance Committee (division committee)
2001-2005	Editorial Advisory Board, *The Philosophy of Science: An Encyclopedia*, Routledge
2000-2003	Group Leader for History and Public Policy, Rice Space Institute
1999-2006	Faculty Associate, Will Rice College
1999-2001	Member, Center for the Study of Science and Technology, Rice University
1999-2000	Undergraduate Advisor, Philosophy, Rice University

Other Work and Experience

2001	Invited Participant, *Metaphysical Mayhem VI*, Syracuse University
1997-1999	Non-resident Tutor, Adams House, Harvard University
1994-1996	Research Assistant, for Peter Galison, Harvard, History of Science, on *Image and Logic: A Material Culture of Microphysics*, "Judgment Against Objectivity," and "The Americanization of Unity"
1994	Conference Organizer for 2nd Annual Harvard/MIT Graduate Philosophy Conference
1993-1998	Research Assistant for Peter Galison, Harvard, History of Science, on: *Image and Logic* and *Aufbau/Bauhaus*
1992	Participant, Director, Editor, for two films on teaching science, Harvard Danforth Center for Teaching

Professional Affiliations

American Philosophical Association
Philosophy of Science Association

Dissertation Committee

Hilary Putnam, Department of Philosophy, Harvard University, deceased
Robert Nozick, Department of Philosophy, Harvard University, deceased
Simon Saunders, Department of Philosophy, University of Oxford