

CHRISTOPHER READ HITCHCOCK

Division of Humanities and Social Sciences
California Institute of Technology
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POSITIONS HELD

J.O. and Juliette Koepfli Professor of Philosophy, Caltech	April 2014 – present
Executive Officer for the Humanities, Caltech	August 2018 – June 2022
Professor of Philosophy, Caltech	July 2002 – March 2014
Associate Professor of Philosophy (tenured), Caltech	July 1998 – June 2002
Associate Professor of Philosophy (tenured), Rice University	July 1997 – June 1998
Assistant Professor of Philosophy, Rice University	July 1993 – June 1997

EDUCATION

Ph.D., Philosophy, University of Pittsburgh	1993
M.A., Mathematics, University of Pittsburgh	1990
M.A., Philosophy, University of Pittsburgh	1990
A.B., Philosophy, Princeton University	1986

AREAS OF SPECIALIZATION

Philosophy of Science, Formal Epistemology, Metaphysics

AREAS OF COMPETENCE

Philosophy of Physics, Philosophy of Biology, Decision Theory, Philosophy of Law, Philosophy of Psychology, Philosophy of Mathematics, Philosophy of Language and Linguistics, Logic

PROFESSIONAL AWARDS

Publication 2003c selected by *The Philosopher's Annual* as one of the ten best articles in the field of Philosophy published in 2003.

Publication 2001b selected by *The Philosopher's Annual* as one of the ten best articles in the field of Philosophy published in Philosophy in 2001.

Publication 1998a given the Essay Prize by the *Philosophy of Science Association* for the best paper by a recent Ph.D. in 1997 – 1998.

Publication 1995b selected by *The Philosopher's Annual* as one of the ten best articles in the field of Philosophy published in 1995.

PUBLICATIONS – EDITED BOOKS

- 2017a: *Making a Difference*. Oxford: Oxford University Press. (Co-edited with Helen Beebe and Huw Price)
- 2016a: *The Oxford Handbook of Probability and Philosophy*. Oxford: Oxford University Press. (Co-edited with Alan Hájek)
- 2009a: *The Oxford Handbook of Causation*. Oxford: Oxford University Press. (Co-edited with Helen Beebe and Peter Menzies)
- 2004a: *Contemporary Debates in the Philosophy of Science*. Oxford: Blackwell.

PUBLICATIONS – ARTICLES

- 2026: “Actual Causation and Factual Difference-making,” *Australasian Philosophical Review* **9**: 157 – 166.
- 2024: “Interpretations of Probability,” in Duncan Pritchard, ed., *Oxford Bibliographies in Philosophy* (New York: Oxford University Press). DOI: 10.1093/OBO/9780195396577-0416 (with Alan Hájek). Updated version of 2021.
- 2023: “Causal Models with Constraints,” *Proceedings of Machine Learning Research* **213**: 866 – 879 (with Sander Beckers and Joseph Halpern).
- 2022: “Pearl on Actual Causation,” in Rina Dechter, Hector Geffner, and Joseph Halpern (eds.) *Probabilistic and Causal Inference: The Work of Judea Pearl* (New York: Association for Computing Machinery and Morgan and Claypool), pp. 625 - 646.
- 2021: “Interpretations of Probability,” in Duncan Pritchard, ed., *Oxford Bibliographies in Philosophy* (New York: Oxford University Press) (with Alan Hájek).
- 2020a: “Communicating Causal Structure,” in Nora Boneh and Elitzur Bar-Asher Siegal, *Perspectives on Causation* (Springer), pp. 53 - 71.
- 2020b: “Reichenbach’s Common Cause Principle,” in Ed Zalta, ed., *Stanford Encyclopedia of Philosophy*, <https://plato.stanford.edu/entries/physics-Rpcc/> (with Miklós Rédei).
- 2018a: “Probabilistic Causation,” in Ed Zalta, ed., *Stanford Encyclopedia of Philosophy*, <https://plato.stanford.edu/entries/causation-probabilistic/>. Updated version of 1997b, 2002a, and 2010a.
- 2018b: “Causal Models,” in Ed Zalta, ed., *Stanford Encyclopedia of Philosophy*, <https://plato.stanford.edu/entries/causal-models/>.
- 2017b: “Introductory Essay,” for Wesley Salmon, *Foundations of Scientific Inference*, Fiftieth Anniversary Edition (Pittsburgh: University of Pittsburgh Press), pp. ix - xxxv.
- 2017c: “Actual Causation: What’s the Use?” in Beebe, Hitchcock, and Price (2017a), pp. 116 - 131.
- 2017d: “Introduction,” in Beebe, Hitchcock, and Price (2017a), pp. 1 - 13 (with Helen Beebe and Huw Price).
- 2016b: “Conditioning, Intervening, and Decision,” *Synthese* **194**: 1157 - 76.

- 2016c: “Updating on the Credences of Others: Agreement, Disagreement, and Synergy,” *Philosopher’s Imprint* **16** (11): 1 - 39 (with Kenny Easwaran, Luke Fenton-Glynn, and Joel Velasco)
- 2016d: “Probability for Everyone — Even Philosophers,” in Hájek and Hitchcock (2016a), pp. 5 - 30 (with Alan Hájek).
- 2016e: “Probabilistic Causation,” in Hájek and Hitchcock (2016a), pp. 815 - 32.
- 2016f: “Introduction,” in Hájek and Hitchcock (2016a), pp. 1 - 4 (with Alan Hájek).
- 2015a: “Lewis on Causation,” in B. Loewer and J. Schaffer (eds.), *Companion to David Lewis* (Hoboken NJ: Wiley-Blackwell), pp. 295 - 312.
- 2015b: “Graded Causation and Defaults,” *British Journal for the Philosophy of Science* **66**: 413 - 57 (with Joseph Halpern).
- 2014a: “Evolutionary and Newtonian Forces,” *Ergo* **1**: 39 - 77. DOI: <http://dx.doi.org/10.3998/ergo.12405314.0001.002> (with Joel Velasco).
- 2013a: “Compact Representations of Extended Causal Models,” *Cognitive Science* **37**: 986 - 1010 (with Joseph Halpern).
- 2013b: “What is the ‘Cause’ in Causal Decision Theory?” *Erkenntnis* **78** (Issue 1 Supplement): 129 - 146.
- 2013c: “Causation,” in M. Cover and S. Psillos, eds., *The Routledge Companion to Philosophy of Science*, Second Edition (London: Routledge), pp. 361 - 370. Revised version of 2007h.
- 2012a: “Theories of Causation and the Causal Exclusion Argument,” *Journal of Consciousness Studies* **19** (5-6): 40 - 56
- 2012b: “Events and Times: a Case Study in Means-Ends Metaphysics,” *Philosophical Studies* **160**: 79 - 96
- 2012c: “Portable Causal Dependence: A Tale of Consilience,” *Philosophy of Science* **79**: 942 - 951.
- 2012d: “Thought Experiments, Real Experiments, and the Expertise Objection,” *European Journal for Philosophy of Science* **2**: 205 – 218.
- 2012e: “Contrastive Explanation,” in Martijn Blaauw (ed.), *Contrastivism in Philosophy* (London and New York: Routledge), pp. 11 - 34.
- 2011a: “Probabilistic Measures of Causal Strength,” in P. M. Illari, F. Russo, and J. Williamson (eds.) *Causality in the Sciences* (Oxford: Oxford University Press), pp. 600 – 27. (Co-authored with Branden Fitelsen).
- 2011b: “Trumping and Contrastive Causation,” *Synthese* **181**: 227 – 40.
- 2011c: “Counterfactual Availability and Causal Judgment,” in S. Beck, C. Hoerl and T. McCormack (eds.), *Understanding Counterfactuals, Understanding Causation* (Oxford: Oxford University Press), pp. 171 - 185.
- 2011d: “The Metaphysical Bases of Liability: Commentary on Michael Moore’s *Causation and Responsibility*,” *Rutgers Law Journal* **42**: 377 - 404.

- 2010a: “Actual Causation and the Art of Modeling,” in R. Dechter, H. Geffner, and J. Halpern (eds.), *Heuristics, Probability, and Causality: a Tribute to Judea Pearl* (London: College Publications), pp. 383 – 406. (Co-authored with Joseph Halpern).
- 2010b: “Probabilistic Causation,” in Ed Zalta, ed., *Stanford Encyclopedia of Philosophy*, <https://plato.stanford.edu/archives/spr2010/entries/causation-probabilistic/>. Revised version of 1997b and 2002a.
- 2009b: “Problems for the Conserved Quantity Theory: Counterexamples, Circularity, and Redundancy,” *Monist* **92**: 72 - 94.
- 2009c: “Structural Equations and Causation: Six Counterexamples,” *Philosophical Studies* **144**: 391 - 401.
- 2009d: “Cause and Norm,” *Journal of Philosophy* **106**: 587 – 612. (Co-authored with Joshua Knobe).
- 2009e: “Causal Modelling,” in Beebe, Hitchcock, and Menzies (2009a), pp. 299 - 314.
- 2009f: “Introduction,” in Beebe, Hitchcock, and Menzies (2009a), pp. 1 - 20. (Co-authored with Helen Beebe and Peter Menzies.)
- 2007a: “What Russell Got Right,” in R. Corry and H. Price (eds.), *Causation, Physics, and the Constitution of Reality* (Oxford: Oxford University Press), pp. 45 - 65.
- 2007b: “On the Importance of Causal Taxonomy,” in A. Gopnik and L. Shulz (eds.), *Causal Learning: Psychology, Philosophy and Computation* (New York: Oxford University Press), pp. 101 - 114.
- 2007c: “Three Concepts of Causation,” *Philosophy Compass* **2**: 508 - 516 (<http://www.blackwell-synergy.com/toc/phco/2/3>).
- 2007d: “The Lovely and the Probable,” *Philosophy and Phenomenological Research* **74**: 433 - 440.
- 2007e: “How to be a Causal Pluralist,” in P. Machamer and G. Wolters (eds.) *Thinking About Causes: From Greek Philosophy to Modern Physics* (Pittsburgh: University of Pittsburgh Press), pp. 200 - 221.
- 2007f: “Prevention, Preemption, and the Principle of Sufficient Reason,” *Philosophical Review* **116**: 495 – 532.
- 2007g: “What's Wrong with Neuron Diagrams?” in J. Campbell, M. O'Rourke, and D. Shier (eds.) *Causation and Explanation* (Cambridge MA: MIT Press), pp. 69 - 92.
- 2007h: “Causation,” in M. Cover and S. Psillos, eds., *The Routledge Companion to Philosophy of Science* (London: Routledge), pp. 317 - 326.
- 2006a: “Conceptual Analysis Naturalized: A Meta-philosophical Case Study,” *Journal of Philosophy* **103**: 427 - 451.
- 2006b: “Causation: Philosophy of Science,” in D. Borchert (ed.), *Encyclopedia of Philosophy*, Second Edition (Farmington Hills, MI: Macmillan), pp. 103 - 109.
- 2005: “...And Away from a Theory of Explanation Itself,” *Synthese* **143**: 109 - 124.
- 2004b: “Prediction vs. Accommodation and the Risk of Overfitting,” *British Journal for the Philosophy of Science* **55**: 1 - 34. (Co-authored with Elliott Sober.)

- 2004c: "Beauty and the Bets," *Synthese* **139**: 405 - 420.
- 2004d: "Routes, Processes, and Chance Lowering Causes," in P. Dowe and P. Noordhof (eds.) *Cause and Chance* (London and New York: Routledge), pp. 138 – 151.
- 2004e: "Do All and Only Causes Raise the Probabilities of Effects?" in J. Collins, N.Hall, and L. Paul (eds.) *Causation and Counterfactuals* (Cambridge MA: MIT Press), pp. 403 - 417.
- 2004f: "Causal Processes: What are They and What are They Good For?" *Philosophy of Science* **S71** (Proceedings): 932 - 941.
- 2004g: "Introduction: What is the Philosophy of Science?" in 2004a, pp. 1 - 19.
- 2003a: "Explanatory Generalizations, Part I: A Counterfactual Account," *Noûs* **37**: 1 - 24. (Co-authored with James Woodward.)
- 2003b: "Explanatory Generalizations, Part II: Plumbing Explanatory Depth," *Noûs* **37**: 181 – 199. (Co-authored with James Woodward.)
- 2003c: "Of Humean Bondage," *British Journal for the Philosophy of Science* **54**: 1 – 25.
- 2003d: "Causal Generalizations and Good Advice," in H. Kyburg and M. Thalos (eds.) *Probability is the Very Guide of Life* (Chicago: Open Court), pp. 205 - 232. (Expanded version of 2001a.)
- 2003e: "Unity and Plurality in the Concept of Causation," in F. Stadler (ed.) *The Vienna Circle and Logical Positivism: Re-evaluation and Future Perspectives* (Dordrecht: Kluwer), pp. 217 – 224.
- 2003f: "The Intransitivity of Causation Revealed in Equations and Graphs," in P. Grim, ed., *The Philosopher's Annual, Vol. XXIV* (Stanford, CA: Center for the Study of Language and Information), pp. 67 - 93. (Reprint of 2001b.)
- 2002a: "Statistics 101 and the Detection of Linguistic Relationships," in F. Cavoto (ed.) *The Linguist's Linguist: A Collection of Papers in Honour of Alexis Manaster Ramer* (Munich: Lincom Europa, 2002), pp. 205 - 218.
- 2002b: "Probabilistic Causation," in Ed Zalta, ed., *Stanford Encyclopedia of Philosophy* (archives), <http://plato.stanford.edu/archives/win2002/entries/causation-probabilistic/>. Revised version of 1997b.
- 2001a: "Causal Generalizations and Good Advice," *Monist* **84**: 222 - 246.
- 2001b: "The Intransitivity of Causation Revealed in Equations and Graphs," *Journal of Philosophy* **98**, 6: 273 - 299.
- 2001c: "A Tale of Two Effects," *Philosophical Review* **110**: 361 – 396.
- 2001d: "Probability and Chance: Philosophical Aspects," in N. J. Smelser and P. B. Baltes (eds.) *International Encyclopedia of the Social and Behavioral Sciences* (Oxford: Pergamon) vol. **18**: 12,089 – 12,095.
- 2000a: "Statistical Explanation," in W. Newton-Smith (ed.), *A Companion to the Philosophy of Science* (Oxford: Basil Blackwell), 470 - 479. (Co-authored with Wesley Salmon.)

- 1999a: "Contrastive Explanation and the Demons of Determinism," *British Journal for the Philosophy of Science* **50**: 585 - 612.
- 1999b: "The Shooting-room Paradox and Conditionalization on Measurably Challenged Sets," *Synthese* **118**: 403 - 437. (Co-authored with Paul Bartha.)
- 1999c: "No One Knows the Exact Date or Hour: On an Unorthodox Application of Reverend Bayes' Theorem," *Philosophy of Science* **S66**: 339 - 353 (Proceedings). (Co-authored with Paul Bartha.)
- 1999d: "Exactness and Pseudoexactness in Historical Linguistics," *Topoi* **18**: 127 - 139.
- 1998a: "The Common Cause Principle in Historical Linguistics," *Philosophy of Science* **65**: 425 - 447.
- 1998b: "Causal Knowledge: That Great Guide of Human Life," *Communication and Cognition* **31**: 271 - 296.
- 1997a: "Discussion: Screening-Off and Visibility to Selection," *Biology and Philosophy* **12**: 521 - 9.
- 1997b: "The Mishap at Reichenbach Fall: Singular vs. General Causation," in P. Grim, ed., *The Philosopher's Annual*, Vol. XVIII, pp. 177 - 204. (Reprint of 1995b.)
- 1997c: "Probabilistic Causation," in Ed Zalta, ed., *Stanford Encyclopedia of Philosophy* (archives), <http://plato.stanford.edu/archives/fall1997/entries/causation-probabilistic/>.
- 1996a: "A Probabilistic Theory of Second Order Causation," *Erkenntnis* **44**: 369 - 77.
- 1996b: "Farewell to Binary Causation," *Canadian Journal of Philosophy* **26**: 267 - 282.
- 1996c: "The Role of Contrast in Causal and Explanatory Claims," *Synthese* **107**: 395 - 419.
- 1996d: "The Mechanist and the Snail," *Philosophical Studies* **84**: 91 - 105.
- 1996e: "Causal Decision Theory and Decision-Theoretic Causation," *Noûs* **30**: 508 - 526.
- 1996f: "Glass Houses: Greenberg, Ringe, and the Mathematics of Comparative Linguistics," *Anthropological Linguistics* **38**: 601 - 619. (Co-authored with Alexis Manaster Ramer.)
- 1995a: "Discussion: Salmon on Explanatory Relevance," *Philosophy of Science* **62**: 304 - 320.
- 1995b: "The Mishap at Reichenbach Fall: Singular vs. General Causation," *Philosophical Studies* **78**: 257 - 291.
- 1995c: "Permutation or Translation: Will the Real Indeterminacy Thesis Please Stand Up?" *Southwest Philosophy Review* **11**: 187 - 205.
- 1994a: "Reflections on Reflection: van Fraassen on Belief," *Synthese* **98**: 297 - 324. (Co-authored with Mitchell Green.)
- 1994b: "Wittgenstein on Private Language: Exorcising the Ghost from the Machine," *Philosophia* **24**: 127 - 147.
- 1993a: "A Generalized Probabilistic Theory of Causal Relevance," *Synthese* **97**: 335 - 64.
- 1992a: "Asymmetry and Overdetermination in Swain's Counterfactual Theory of Causation," *Auslegung* **18**: 17 - 25.

1992b: “Discussion: Massey and Kirk on the Indeterminacy of Translation,” *Journal of Philosophical Research* **17**: 207 - 15.

1992c: “Urbach on the Laws of Nature,” *Analysis* **52**: 61 - 4.

1992d: “Causal Explanation and Scientific Realism,” *Erkenntnis* **37**: 151 - 78.

PUBLICATIONS – BOOK REVIEWS

2003g: *The Mind's Arrows* by Clark Glymour, *Mind* **112**.

2001e: *Causality: Models, Reasoning, and Inference* by Judea Pearl, *Philosophical Review* **110**: 639 – 641.

2000b: *Causal Asymmetries* by Daniel Hausman, *British Journal for the Philosophy of Science* **51**: 175 - 179.

MEDIA, BLOGS, AND PUBLIC PHILOSOPHY

Interviewed in Phil Halper’s video “Physicists and Philosophers Reply to the Fine Tuning Argument,” <https://www.youtube.com/watch?v=jJ-fj3lqJ6M&t=2s>

Interviewed in Phil Halper’s video “Kalam Cosmological Argument 2: Physicists and Philosophers Strike Back,” <https://www.youtube.com/watch?v=femxJFszbo8&t=1s>

Quoted in Whitney Clavin’s article “Writing in the Language of Math”, *Caltech Magazine*, Summer 2022, <https://magazine.caltech.edu/post/mathematical-language-writing-latex>

“Proportionality and Causal Dependence,” *The Brains Blog*, October 29, 2021, <https://philosophyofbrains.com/2021/10/29/proportionality-and-causal-dependence.aspx>

Quoted in Tamar Haspel’s column “When it comes to nutrition, we’re all too eager to ignore the evidence. Here’s why.” *Washington Post*, February 24, 2020. https://www.washingtonpost.com/lifestyle/food/when-it-comes-to-nutrition-were-all-too-eager-to-ignore-the-evidence-heres-why/2020/02/23/d4dd8534-54a8-11ea-9e47-59804be1dcfb_story.html.

Interview for *filozofuj!* (Polish popular philosophy magazine) 2019 nr 3 (27): 25 - 27. https://filozofuj.eu/wp-content/uploads/2019/05/fi027_net.pdf

Interview with Richard Marshall, *3:AM Magazine*, August 14, 2017. <http://www.3ammagazine.com/3am/causation-probability-philosophy/>

SHORT-TERM LECTURESHIPS AND FELLOWSHIPS

Chinese University of Hong Kong	September-October 2026
Heinrich Heine University, Düsseldorf	April 2015
Summer School on “Causality, Uncertainty, and Ignorance,” University of Konstanz, Germany	August 2004
University of Tampere, Finland	November 2003
Vienna Institute Summer University, University of Vienna	July 2001

PRESENTATIONS

I have or will have given presentations at the following venues

- 2026: Northeastern Epistemology Workshop, Boston, Massachusetts
Chinese University of Hong Kong (2 talks)
- 2025: Duke University, Durham, North Carolina
Society for the Philosophy of Causation, Paris
- 2024: American Philosophical Association, Pacific Division, Portland, Oregon
- 2023: Workshop on the Philosophy, Psychology, and Computer Science of Causation,
University of Kyoto
17th International Congress on Logic, Methodology, and Philosophy of Science and
Technology, Buenos Aires
- 2022: American Philosophical Association, Pacific Division, Vancouver
Workshop on Logic, Rationality, and Intelligent Interaction, Stanford University
Formal Epistemology Workshop, University of California, Irvine
Conference on Laws of Nature, Explanation, and Understanding, North Carolina
State University
- 2021: University of Gdansk, Poland (remote)
American Philosophical Association, Central Division (remote)
Philosophy of Science Association, Baltimore (remote)
- 2019: 2nd International Conference on Neuroscience and Free Will, Chapman University
Rinker Health Sciences Campus, Irvine, California
Causation Workshop, Sun Yat-sen University, Guangzhou, China
- 2018: *Veritas* Forum, California Institute of Technology, Pasadena
Workshop on Causes, Norms, and Decisions, University of Hannover, Germany (2
talks)
Workshop on Causation and Counterfactuals in Philosophy, Science and the Law;
University of British Columbia, Vancouver
- 2017: American Philosophical Association, Eastern Division, Baltimore
Workshop on Linguistic Perspectives on Causation, Hebrew University, Jerusalem
Workshop and Symposium on Causal Inference, UCLA (2 talks)
University of California, Irvine
California Institute of Technology, Pasadena
Seminar on Causation and Explanation, Venice International University
- 2016: University of Pittsburgh, Wesley C. Salmon Memorial Lecture
Society for Exact Philosophy, University of Miami
Society for Philosophy and Psychology, Austin, Texas
Philosophy of Science Association, Atlanta
- 2015: Heinrich Heine University, Düsseldorf (3 talks)
Society for Exact Philosophy, Hamilton, Ontario
Workshop on Pragmatism, Metaphysics, and Philosophy of Science, Center for the
Study of Mind in Nature, Oslo

- London School of Economics
 School of Advanced Study, University of London
 Cognitive Science Society Annual Meeting, Pasadena, California
 15th International Congress on Logic, Methodology, and Philosophy of Science,
 Helsinki
 Conference on Causality, Counterfactuals, and Legal Responsibility, University of
 Sassari, Italy
- 2014: University of Wisconsin, Madison
 Workshop on Modality, Yale University
 University of North Carolina, Chapel Hill
- 2013: Society for Exact Philosophy, Université de Montréal
 Monash University, Melbourne
 Australasian Association of Philosophy, Brisbane
 Causality: Perspectives from Different Disciplines, sponsored by the Max Planck
 Institute for Intelligent Systems, Vals, Switzerland
 Conference on New Directions in Causation, Collège de France, Paris
- 2012: Workshop on Causation in Biology, University of Minnesota, Minneapolis
 Princeton University, Princeton N.J.
 Modality Workshop, Konstanz, Germany
 University of British Columbia, Vancouver
- 2011: Rutgers University, New Jersey
 Simon Fraser University, Vancouver
 Science Studies Program, University of California, San Diego
 American Philosophical Association, Pacific Division, San Diego
 Graduate Student Conference (Keynote Speaker), Department of Philosophy,
 University of California, San Diego
 Formal Epistemology Workshop, University of Southern California, Los Angeles
 14th International Congress on Logic, Methodology, and Philosophy of Science,
 Nancy, France
 Conference on Philosophy of Epidemiology, University of Johannesburg
- 2010: Association of Symbolic Logic, Chicago
 Symposium in Honor of Judea Pearl, UCLA
 Society for Exact Philosophy, Kansas City
 Workshop on Scientific Philosophy: Past and Future, Tilburg, Netherlands
 Sydney-Tilburg Conference on the Future of Philosophy of Science, Tilburg,
 Netherlands
 Formal Epistemology Festival 3, Toronto
 Carolina Metaphysics Workshop, Outer Banks, North Carolina
 Rutgers Institute for Law and Philosophy, Rutgers University School of Law,
 Camden, New Jersey
 University of Konstanz, Germany
 Philosophy of Science Association, Montréal
 Ohio University, Athens
 California Institute of Technology, Pasadena
- 2009: Society for Exact Philosophy, Edmonton

- Formal Epistemology Festival 2, Ann Arbor MI
 McDonnell Workshop on Mechanisms and Explanation, Berkeley
 University of Konstanz, Germany
 British Society for the Philosophy of Science, Norwich
 Foundations of Uncertainty, Prague
 University of Missouri, Columbia
- 2008: American Philosophical Association, Pacific Division, Pasadena
 Society for Exact Philosophy, Laramie, Wyoming
 Workshop on the Varieties of Causation in Consciousness Studies, Normal, Illinois
- 2007: University of California, Berkeley
 University of North Carolina, Chapel Hill
 American Philosophical Association, Pacific Division, San Francisco
 Society for Exact Philosophy, Vancouver
 Workshop on Causal and Moral Reasoning, Caltech
 13th International Congress on Logic, Methodology, and Philosophy of Science,
 Beijing
 University of Southern California, Los Angeles
 Workshop on the Origins and Functions of Causal Thinking IV, Venice
 Workshop on Causal Understanding, University of Warwick, Great Britain
 Conference on Counterfactual Reasoning, Rotterdam
- 2006: Australian National University, Canberra
 Workshop on the Origins and Functions of Causal Thinking III, Sydney, Australia
 Princeton University
- 2005: University of California, Berkeley
 Pittsburgh-Konstanz Colloquium on Causation, Konstanz, Germany
- 2004: Conference on Folk Concepts, Florida State University
 Roundtable Workshop on Probability and Causation in the Law, Death Valley,
 California
 American Philosophical Association, Pacific Division, Pasadena
 Workshop on Causation and Theory Formation, Center for Advanced Studies in the
 Behavioral Sciences, Stanford University
 Workshop on the Origins and Functions of Causal Thinking I, Venice
- 2003: University of Cincinnati
 Inland Northwest Philosophy Conference, Moscow, Idaho and Pullman, Washington
 Society for Exact Philosophy, Vancouver
 University of Queensland, Brisbane, Australia
 Australasian Association of Philosophy, Adelaide, Australia
 Conference on Causal Republicanism, Sydney, Australia
 Conference on Causality and Explanation: Homage to Wesley Salmon, Barcelona
 12th International Congress on Logic, Methodology, and Philosophy of Science,
 Oviedo, Spain
 University of Helsinki, Finland
- 2002: University of California, San Diego
 American Philosophical Association, Central Division, Chicago

- International Congress on Causation and Explanation in the Natural and Social Sciences, Ghent, Belgium
 Bellingham Summer Philosophy Conference, Bellingham, Washington
 Philosophy of Science Association, Milwaukee
- 2001: American Philosophical Association, Pacific Division, San Francisco
 Society for Exact Philosophy, Université de Montréal
 Vienna Circle Institute, University of Vienna
- 2000: Society for Exact Philosophy, Gainesville, Florida
 American Philosophical Association, Pacific Division, Albuquerque, New Mexico
 University of Wisconsin, Madison
 Arizona State University, Tempe
 University of Alberta, Edmonton
 University of British Columbia, Vancouver
 University of Washington, Seattle
 University of Pittsburgh
- 1999: Montana State University, Bozeman
 Society for Exact Philosophy, Lethbridge, Alberta
 University of Southern California, Los Angeles
- 1998: California Institute of Technology, Pasadena
 Scientia (a Society for the History of Science and Culture), Rice University, Houston
 American Philosophical Association Central Division, Chicago
 Society for Exact Philosophy, Athens, Georgia
 Philosophy of Science Association, Kansas City
 University of California, Los Angeles
- 1997: American Philosophical Association, Eastern Division, Philadelphia
 Society for Exact Philosophy, Montreal
 Brown College, Rice University, Houston
- 1996: Southern Methodist University, Dallas
 American Philosophical Association Central Division, Chicago
- 1995: Society for Exact Philosophy, Calgary
 Princeton University, New Jersey
 Division of Natural Sciences, University of Houston (Downtown)
 Scientia, (a Society for the History of Science and Culture), Rice University, Houston
- 1994: Society for Exact Philosophy, Austin
 University of Texas, Austin
 California Institute of Technology, Pasadena
- 1993: Department of Philosophy, Rice University (2 separate occasions)
 Scientia, (a Society for the History of Science and Culture), Rice University
 University of Georgia, Athens
 Massachusetts Institute of Technology, Cambridge
 University of Pennsylvania, Philadelphia
 University of Michigan, Ann Arbor
- 1992: Center for Philosophy of Science, University of Pittsburgh

Department of Philosophy, University of Pittsburgh

1991: Center for Philosophy of Science, University of Pittsburgh.

GRANTS

- “A Novel Paradigm to Investigate Human Intention and Agency,” Chen Center for Neuroscience, Caltech (2018), \$40,000 (Shinsuke Shimojo and Steve Quartz, Co-PIs)
- “Experimental Philosophy on Probabilistic Actual Causation,” Australian Research Council (2012 – 2014), AU\$310,000 (Participating Investigator; Kevin Korb, PI)
- “Causal Learning Collaborative Initiative,” McDonnell Foundation, (2005 – 2011) \$2,250,000 (one of 12 PIs)
- “The Origins and Functions of Causal Thinking,” National Science Foundation award SES-0522637 (2005), \$10,000. (James Woodward, Co-PI.)

EXTERNAL THESIS SUPERVISION

- Marina D’Amico, Ph.D., University of Milan, 2025
- Enno Fischer, Ph.D., Leibniz University Hannover, 2020
- David Kinney, Ph.D., London School of Economics, 2019
- Thomas Krödel, Habilitation, Humboldt University Berlin, 2015
- Georgina Statham, M.A., University of Western Australia, 2013
- Victor Gijssbers, Ph.D., University of Leiden, 2011
- Joel Stafford, M.A., University of Tasmania, 2004

COURSES TAUGHT

- Probability, Evidence, and Belief (Upper Level, Caltech)
- Causation and Responsibility (Upper Level, Caltech)
- Research Ethics (Upper Level, Caltech)
- Free Will (Upper Level, Caltech)
- Foundations of Quantum Mechanics (Upper Level, Caltech)
- Philosophy of Mathematics (Upper Level, Caltech)
- Knowledge and Reality (Introductory, Caltech)
- Philosophy of Physics (Upper Level, Caltech and Rice)
- Causation and Explanation (Upper Level and Graduate, Caltech and Rice)
- Philosophy of Space and Time (Upper Level and Graduate, Caltech and Rice)
- Philosophy of Science (Introductory, Upper Level, Graduate, Caltech and Rice)
- Metaphysics (Introductory, Upper Level, Caltech and Rice)
- Philosophy of Biology (Upper Level, Rice)
- Scientific Realism (Graduate, Rice)
- Logic (Introductory, Rice and Pittsburgh)
- History of Modern Philosophy (Introductory, Pittsburgh)
- Medical Ethics (Introductory, Pittsburgh)

PROFESSIONAL SERVICE

- Journal of Causal Inference*, Associate Editor, 2011 – present
- Philosophers’ Annual*, Nominating Editor, 2008 - present
- Philosophical Gourmet Report*, Advisory Board, 2008 - present

Philosophy of Science Association, Governing Board, 2002 – 2005; Program Committee, Biennial Meeting, 2000, 2012, 2022

Society for Exact Philosophy, President, 2012 – 2014; Vice-president, 2010 - 2012; conference organizer, 2014

Stanford Encyclopedia of Philosophy, Editorial Board, 2003 – present

Refereeing:

Book publishers – Cambridge University Press, Oxford University Press, Routledge, Springer

Funding agencies – Academia Sinica (Taiwan), European Research Council, FWO Research Foundation Flanders (Belgium), German Research Foundation, Israeli Science Foundation, Research Grants Council Hong Kong SAR, Social Sciences and Humanities Research Council of Canada, South Africa National Research Foundation, Swedish Foundation of Humanities and Social Sciences, Swiss National Science Foundation, U.S. National Science Foundation

Journals – *Annals of Statistics*, *Analysis*, *Australasian Journal of Philosophy*, *Biology and Philosophy*, *British Journal for the Philosophy of Science*, *Canadian Journal of Philosophy*, *Cognition*, *Cognitive Psychology*, *Dialectica*, *Dialogue*, *Economics and Philosophy*, *Episteme*, *Ergo*, *Erkenntnis*, *European Journal for Philosophy of Science*, *Foundations of Physics*, *Glossa*, *Historical Methods*, *International Studies in the Philosophy of Science*, *Journal of Artificial Intelligence Research*, *Journal of Causal Inference*, *Journal of Consciousness Studies*, *Journal for General Philosophy of Science*, *Journal of Philosophical Logic*, *Journal of Philosophical Research*, *Mind*, *Monist*, *Notre Dame Journal of Formal Logic*, *Noûs*, *Oxford Studies in Metaphysics*, *Pacific Philosophical Quarterly*, *Perspectives on Science*, *Philosophica*, *Philosophical Papers*, *Philosophical Quarterly*, *Philosophical Review*, *Philosophical Studies*, *Philosophy*, *Philosophy and Phenomenological Research*, *Philosophy Compass*, *Philosophy of Science*, *Philosophy of the Social Sciences*, *Psychological Review*, *Review of Philosophy and Psychology*, *Review of Symbolic Logic*, *Sociological Methods and Research*, *Studies in the History and Philosophy of Science*, *Synthese*.

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