

Contact information

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Education

- Ph.D. (philosophy), University of Pittsburgh, 1984
- M.A. (earned separately in mathematics and philosophy), University of Pittsburgh, 1982
- B.A. (first class honors in philosophy), University of Sydney, 1978
- B.S. (mathematics), University of Sydney, 1972

Employment

- University of Illinois at Urbana-Champaign, Department of Philosophy: assistant professor 1984–1992, associate professor 1992–2000, professor 2000–present.
- University of Sydney, Department of Traditional and Modern Philosophy: visiting lecturer, second semester 1994.
- University of Michigan, Michigan Society of Fellows/Department of Philosophy: postdoctoral scholar/assistant professor, 1987–1990.
- University of Pittsburgh, Departments of Philosophy and Mathematics: various positions as teaching assistant, teaching fellow, and assistant instructor, 1980–1984.
- University of New South Wales, Personnel Department: administrative officer (special projects), 1978–1979.
- Telecom Australia (now Telstra): initially pay clerk, then methods officer, organization officer, senior methods officer, and inspector (manpower planning), 1967–1976.

Publications

- Bayesian Probability. To appear in a special issue of *Synthese* on the foundations of the decision sciences, ed. Horacio Arló-Costa and Jeffrey N. Helzner.
- Physical Probability. To appear in *Proceedings of the 13th International Congress of Logic, Methodology and Philosophy of Science*, ed. Clark Glymour, Wei Wang, and Dag Westerståhl, Kings College Publications.
- Explication Defended. *Studia Logica* **86** (2007), 331–341.
- A Conception of Inductive Logic. *Philosophy of Science* **73** (2006), 513–523.
- The Concept of Inductive Probability. *Erkenntnis* **65** (2006), 185–206.
- Review of *Putting Logic in its Place*, by David Christensen. *Notre Dame Journal of Formal Logic* **47** (2006), 133–149.
- Confirmation Theory. In *Encyclopedia of Philosophy* 2nd edition, ed. Donald M. Borchert, Macmillan Reference USA 2006.
- Qualitative Confirmation and the Ravens Paradox. In *Confirmation, Empirical Progress, and Truth Approximation (Poznań Studies in the Philosophy of the Sciences and the Humanities, vol. 83)*, ed. Roberto Festa *et al.*, Amsterdam/New York: Rodopi 2005, 89–108.

- Bayesianism and Irrelevant Conjunction. *Philosophy of Science* **71** (2004), 515–520.
- Probability Captures the Logic of Scientific Confirmation. In *Contemporary Debates in the Philosophy of Science*, ed. Christopher Hitchcock, Blackwell 2004, 69–93.
- Joyce’s Argument for Probabilism. *Philosophy of Science* **69** (2002), 73–81.
- Probabilities for Multiple Properties: The Models of Hesse and Carnap and Kemeny. *Erkenntnis* **55** (2001), 183–216.
- Probabilities for Two Properties. *Erkenntnis* **52** (2000), 63–91.
- The Confirmation of Black’s Theory of Lime. *Studies in History and Philosophy of Science* **30** (1999), 335–353.
- Inductive Logic and the Ravens Paradox. *Philosophy of Science* **66** (1999), 50–70.
- Inductive Inference. In *The Routledge Encyclopedia of Philosophy* (1998). Reprinted in *The Shorter Routledge Encyclopedia of Philosophy* (2005).
- Depragmatized Dutch Book Arguments. *Philosophy of Science* **64** (1997), 291–305.
- Preference Reversal in Ellsberg Problems (with Yoshihisa Kashima). *Philosophical Studies* **88** (1997), 187–207.
- The Hole in the Ground of Induction. *Australasian Journal of Philosophy* **74** (1996), 423–432.
- Subjective and Objective Confirmation. *Philosophy of Science* **63** (1996), 149–174.
- Probabilities for New Theories. *Philosophical Studies* **77** (1995), 103–115.
- Framing of Decisions under Ambiguity (with Yoshihisa Kashima). *Journal of Behavioral Decision Making* **8** (1995), 33–49.
- *Betting on Theories*. Cambridge University Press 1993. Chapter 6 reprinted in Larry Sklar (ed.), *The Philosophy of Science*, vol. 5 (*Bayesian and Non-Inductive Methods*), Garland Publishing, 2000.
- Howson and Franklin on Prediction. *Philosophy of Science* **60** (1993), 329–340.
- Review of *Bayes or Bust?*, by John Earman. *Canadian Philosophical Reviews* **13** (1993), 151–153.
- Acceptance in Bayesian Philosophy of Science. *PSA 1992* vol. 2, 153–160.
- Diachronic Rationality. *Philosophy of Science* **59** (1992), 120–141. Reprinted in Patrick Grim et al. (eds), *The Philosopher’s Annual XV*, Ridgeview Publishing Company, 1994.
- On the Descriptive Adequacy of Levi’s Decision Theory (with Yoshihisa Kashima). *Economics and Philosophy* **7** (1991), 93–100.
- Acceptance Without Belief. *PSA 1990* vol. 1, 381–392.
- Symptomatic Acts and the Value of Evidence in Causal Decision Theory. *Philosophy of Science* **57** (1990), 479–498.
- How Prediction Enhances Confirmation. In J. Michael Dunn and Anil Gupta (eds.), *Truth or Consequences: Essays in Honor of Nuel D. Belnap*, Kluwer 1990, 327–343.
- Why Scientists Gather Evidence. *British Journal for the Philosophy of Science* **41** (1990), 103–119.
- Levi on the Allais and Ellsberg Paradoxes. *Economics and Philosophy* **5** (1989), 69–78.
- Prediction, Accommodation, and the Logic of Discovery. *PSA 1988* vol. 1, 273–285. Reprinted in Peter Lipton (ed.), *Theory, Evidence, and Explanation*, Dartmouth 1995.
- Review of *Probability and Causality: Essays in Honor of Wesley C. Salmon*, ed. James H. Fetzer. *Canadian Philosophical Reviews* **8** (1988), 390–393.
- Causality in the Logic of Decision. *Theory and Decision* **22** (1987), 155–172.
- What is Wrong with Strict Bayesianism? *PSA 1986* vol. 1, 450–457.
- The Irrelevance of Belief to Rational Action. *Erkenntnis* **24** (1986), 363–384.
- Expected Utility via the Radon-Nikodym Theorem. *Modeling and Simulation* **16** (1985), 535–539.
- Review of *The Enterprise of Knowledge*, by Isaac Levi. *Philosophy of Science* **51** (1984), 690–692.

- Probability in Hume’s Science of Man. *Hume Studies* 7 (1981), 137–156.
- Leibniz and Contingency. *Studia Leibnitiana* 12 (1980), 236–242.

Presentations since 1998

- International Congress of Logic, Methodology, and Philosophy of Science, Beijing, August 2007: Physical Probability (invited paper)
- American Philosophical Association Eastern Division meetings, New York, December 2005: Commentator for symposium “Confirmation Theory Old and New”
- Philosophy of Science Association meetings, Austin, November 2004: A Conception of Inductive Logic (invited paper)
- International Congress of Logic, Methodology, and Philosophy of Science, Oviedo, August 2003: Reasoning by Analogy in the Ravens and Grue Paradoxes
- University of Alberta, Philosophy Department, June 2002: What is Probability?
- Yale University, Philosophy Department, October 2001: Inductive Logic and the Justification of Induction
- American Philosophical Association Central Division meetings, Minneapolis, May 2001: Comments on Stephan Hartmann and Luc Bovens, “The Variety of Evidence Thesis and the Reliability of Instruments: A Bayesian Network Approach”
- University of Missouri–Columbia, Philosophy Department, January 2000: Probability and the Problem of Induction
- American Philosophical Association Central Division meetings, Chicago, May 1998: Inductive Logic and the Ravens Paradox

Awards

- University of Illinois: incomplete list of teachers tanked as excellent, spring 2003, spring 2006
- University of Illinois: sabbatical leave, 1993–4, spring 1998, fall 2004
- University of Illinois: Scholars’ Travel Fund award, 1985, 1986, 1990, 1991, 1992, 1996, 1998, 2003, 2004
- University of Illinois: LAS fellow in a second discipline (for study in statistics, spring 1997)
- University of Illinois: university scholar, 1995–1998
- Philosophy of Science Association: NSF-funded award for travel to Florence, 1995
- National Science Foundation: grant SBER94-12128, 1995
- University of Illinois: Arnold O. Beckman research award, 1994
- University of Pittsburgh, Center for Philosophy of Science: visiting fellow, 1993–1994
- Australian Research Council: grant (with Y. Kashima), 1990
- Michigan Society of Fellows, University of Michigan: fellow, 1987–1990
- National Science Foundation: grant SES–8708168, 1987–1988
- National Endowment for the Humanities: summer stipend, 1987
- University of Illinois: humanities released time award, 1987
- University of Pittsburgh: Andrew Mellon pre-doctoral fellowship, 1982–1983; Michael Bennett essay prize, 1981; Provost’s humanities fellowship, 1979–1980
- University of Sydney: university postgraduate traveling scholarship, 1981–1982; Hannah Fullerton scholarship, 1979–1981; university medal, 1978; John Anderson prize, 1978; Lithgow scholarship No. IV, 1977; G.S. Caird scholarship, 1976; Walter Reid scholarships, 1975–1977

Refereeing

Australasian Journal of Philosophy, Blackwell's, *British Journal for the Philosophy of Science*, Cambridge University Press, *Economics and Philosophy*, *Erkenntnis*, *Mind*, National Endowment for the Humanities, National Science Foundation, *Noûs*, Oxford University Press, *Philosophy of Science* (member of editorial board 1995–9), *Studies in History and Philosophy of Science*, *Synthese*.

Courses regularly taught

- Logic and Reasoning (Philosophy 102)
- Philosophy of Science (Philosophy 270)
- Scientific Thought I (Philosophy 317/History 363)
- Scientific Thought II (Philosophy 318/History 366)
- Contemporary Philosophy of Science (Philosophy 471)
- Seminar in Philosophy of Science (Philosophy 517)

University of Illinois committees since 1995

Campus

- University Senate: 2007–2009
- University Senate Library Committee: 2007–2008
- Advisory group on consolidation of History and Philosophy Library with Newspaper Library: 2005
- Search for History and Philosophy Librarian: 2001
- Cognitive Science/Artificial Intelligence Steering Committee: 1990–2000

Philosophy Department

- Academic integrity: 2006–2008
- Capricious grading: 1998–1999, 2007–2008
- Colloquium: 1995–1996 (chair), 1996–1997, 1999
- Computer issues: 2002–2008
- Courses and curricula: 1998–2001 (chair), 2002–2004 (chair)
- Executive (elected): 1995–7, 1998–2006
- Graduate admissions: 2005–2008 (chair)
- Graduate affairs: 1995–1997, 1998–2001, 2002–2004, 2005–2008
- Graduate program: 2001–2004, 2005–2008
- Graduate relations: 2003–2004
- Grievance: 2002–2003, 2004–2006, 2007–2008 (chair)
- Library: 2000–2008 (chair)
- Placement: 1999–2000
- Preliminary examinations: 1997–1998 (chair)
- Search: 1995–1996 (chair), 1998–2001, 2001–2002 (chair), 2006–2007
- Thesis format checker, 2003–2008
- Undergraduate affairs advising and awards: 1995