

## **JAMES MICHAEL JOYCE**

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The University of Michigan  
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### **ACADEMIC POSITIONS**

- 2012- :** C. H. Langford Collegiate Professor of Philosophy, University of Michigan, Ann Arbor  
Professor of Statistics (courtesy), University of Michigan, Ann Arbor
- 2006- 2012:** Professor of Philosophy, University of Michigan, Ann Arbor  
Professor of Statistics (courtesy), University of Michigan, Ann Arbor
- 1998 - 2006:** Associate Professor of Philosophy, University of Michigan, Ann Arbor
- 2003 - 2005:** Associate Professor of Statistics (courtesy), University of Michigan, Ann Arbor
- 1991 - 1998:** Assistant Professor of Philosophy, University of Michigan, Ann Arbor
- 1987 - 1990:** Adjunct Assistant Professor of Philosophy, University of the District of Columbia, Washington D.C.

### **EDUCATION**

- 1991** THE UNIVERSITY OF MICHIGAN; Ann Arbor, Michigan: Ph.D., Philosophy
- 1980** JOHN CARROLL UNIVERSITY; University Heights, Ohio: B. A., Philosophy  
and B. A. Mathematics (*Magna cum Laude*)

### **TEACHING EXPERIENCE**

*Graduate Seminars* – Conceptual Foundations of Statistical Inference (with M. Woodroffe), Decision Theory, Probability and Conditionals, Proseminar: Mind and Language (with A. Gibbard), Proseminar: Science and Language (with A. Gibbard), Mind and Language (with T; Hofweber), Topics in Philosophy (with D. Velleman), Belief Revision and Naturalized Epistemology, Topics in Rational Choice, Role of Evidence in Belief Revision and Inductive Logic, Dark Matter in the Universe, Candidacy Seminar, Rational Choice

*Undergraduate Courses* – Methods of Science, Philosophy of Science, The Nature of Science, The Methods of Science, Epistemology, Decision Theory, Mind and Language, Knowledge and Reality, Introduction to Logic, Honors Introduction to Logic, Intermediate Logic, Mathematical Logic, Honors Seminar, Critical Reasoning, Introduction to Ethics, Introduction to Philosophy

### **PROFESSIONAL ACTIVITIES**

- *Philosophy of Science Association*, Nominating Committee (2008-2010), Program Committee (2010)
- *Philosophy of Science*, editorial board (2000-2005)
- *Oxford Studies in Epistemology*, editorial board (2003- )

- *Cambridge Studies in Probability, Induction, and Decision Theory* (Cambridge University Press), advisory editor (2000- )
- *Episteme*, editorial board (2011- )
- *Mind*, editorial board (2015-)
- *Philosophical Topics* (Decision Theory), vol. **21**, #1 (Fall 1993), issue editor
- *Stanford Encyclopedia of Philosophy*, co-editor (with Brian Skyrms and Brandon Fitelson) for Inductive Logic and Decision Theory (2000- )
- International Society for Imprecise Probability, Theory and Application (ISIPTA), Program Committee (2015-)

## PUBLICATIONS

### ARTICLES AND BOOK CHAPTERS

- “Accuracy, Ratification, and the Scope of Epistemic Consequentialism,” in Jeffrey Dunn and Kristoffer Ahlstrom-Vij, eds., *Epistemic Consequentialism*, Oxford University Press, 2017: xx-yy.
- “Commentary on Lara Buchak’s *Risk and Rationality*,” *Philosophical Studies*, published online April 17, 2017. (12 pages)
- “Critical Review Essay: Richard Pettigrew’s *Accuracy and the Laws of Credence*,” *Philosophy and Phenomenological Research* (to appear in late 2017).
- “Critical Review Essay: Arif Ahmed’s *Evidence, Decision and Causality*,” *Journal of Philosophy* 113(4), April 2016: 224-232.
- “The Value of Truth: A Reply to Howson,” *Analysis* **75**(3), 2015: 413-424
- “Ratifiability and Stability in Causal Decision Theory,” *Synthese* **187**(1), 2012: 123-145.
- “Do Imprecise Credences Make Sense,” in *Philosophical Perspectives* **24**, Dec. 2010: 281–323
- “Causal Reasoning and Backtracking,” *Philosophical Studies* **147**, 2010: 139-154.
- “The Development of Subjective Bayesianism,” in Dov Gabbay, Stephan Hartmann and John Woods, eds., *Handbook of the History of Logic. Volume 10: Inductive Logic*, Elsevier 2010: 415-476.
- “Accuracy and Coherence: Prospects for an Alethic Epistemology of Partial Belief,” Franz Huber and Christoph Schmidt-Petri, eds., *Degrees of Belief*: Springer, 2009: 263-300.
- “Epistemic Deference: The Case of Chance,” *Proceedings of the Aristotelian Society*, **107**[2], 2007: 1-20.
- “Confirmation,” with Alan Hajek, in S. Psillos and M. Curd, eds., *The Routledge Companion to the Philosophy of Science*, Routledge, 2008.
- “Are Newcomb Problems Really Decisions?” *Synthese*, **156**[3], 2007: 537-562.

- “Leonard Savage,” in Donald Borchert, ed., *Encyclopedia of Philosophy*, Vol. 2. 2nd ed., Macmillan Reference, 2006. 612-614.
- “Decision Theory,” in Donald Borchert, ed., *Encyclopedia of Philosophy*, Vol. 2. 2nd ed., Macmillan Reference, 2006: 654-661.
- “How Degrees of Belief Reflect Evidence,” *Philosophical Perspectives* **19**, 2005: 153-179.
- “Decision Theory,” *The Philosophy of Science: An Encyclopedia*, Routledge, 2005: 181-188.
- Bayesianism,” in A. Mele and P. Rawling, eds., *The Oxford Handbook of Rationality*, Oxford University Press, 2004: 132-155.
- “Bayes’ Theorem”, *The Stanford Encyclopedia of Philosophy (Winter 2003 Edition)*, Edward N. Zalta (ed.), <<http://plato.stanford.edu/archives/win2003/entries/bayes-theorem/>>.
- “Williamson on Knowledge and Evidence,” *Philosophical Books* **45** (2004): 296-305.
- “Levi on Causal Decision Theory and the Possibility of Predicting One’s Own Actions,” *Philosophical Studies* **110** (2002): 69-102.
- “Why We Still Need the Logic of Decision,” *Philosophy of Science* **67**, Proceedings (June 2000): s1-s13.
- “A Non-Pragmatic Vindication of Probabilism,” *Philosophy of Science* **65** (1998), 575-603.
- “Causal Decision Theory,” (with Allan Gibbard), in S. Barbera, P. Hammond and C. Seidl (eds.), *Handbook of Utility Theory* (New York: Kluwer Academic Press, 1998), 701-740.
- “Recent Work in Decision Theory,” *Philosophical Books* **36** (Oct. 1995), 225-236.

#### BOOKS

- *The Foundations of Causal Decision Theory*. Cambridge: Cambridge University Press, April 1999.
- *Decision Theory*. Princeton: Princeton University Press, to appear in 2018.

#### BOOK REVIEWS

- “Richard Jeffrey,” in Noretta Koertge, e.d., *New Dictionary of Scientific Biography*, Charles Scribner and Sons, 2007.
- “Review of David Howie’s *Interpreting Probability*,” *The Philosophical Review* 113(3) (2004): 438-441.
- “Review of Paul Weirich’s *Decision Space: Multidimensional Utility Analysis*,” *Ethics* **113** (October 2003), 914-919.
- “Review of Brian Skyrms’s *Evolution of the Social Contract*,” *Philosophical Books* **39** (April 1998), 137-139.

- “Review of Edward McClennen’s *Rationality and Dynamic Choice: Foundational Explorations*,” *Philosophical Books* **33** (Jan. 1992), 27-30.

#### *OTHER*

- “Five Questions” in Alan Hájek and Vincent F. Hendricks, eds., *Probability: 5 Questions*, Automatic Press, London (2009).
- “Interview with Jim Joyce,” *The Reasoner* **2** (October 2008), 3-5.
- “The St. Petersburg Paradox,” in Miodrag Lovric, ed., *International Encyclopedia of Statistical Science*, Springer Publishing (2010)
- “Kullback-Leibler Entropy,” in Miodrag Lovric, ed., *International Encyclopedia of Statistical Science*, Springer Publishing (2010)

#### *WORKS IN PROGRESS*

- “Evidence and the Accuracy of Beliefs” under submission
- “Stability and Ratifiability in Causal Decision Theory,” to appear in Arif Ahmed, ed., *Newcomb’s Problem* (Cambridge University Press, to appear late 2017).
- “Accuracy and the Imps” (with Brian Weatherson)
- “The Probative Value of Old Evidence”

#### **PUBLIC LECTURES**

##### **2016** (4 talks)

- “Comments on Richard Bradley’s Decision Theory with a Human Face,” London School of Economics
- “Accuracy and Updating,” London School of Economics, University of Bristol
- “Decision Making and the Separability of Value,” Rocky Mountain Philosophy Conference, University of Colorado Boulder.

##### **2015** (2 talks)

- “Accuracy and Updating,” University of California Irvine
- “The Epistemology of Choice,” Cambridge University

#### **Smith**

##### **2014** (8 talks)

- “What are the Consequences of Epistemic Consequentialism” APA Eastern, Philadelphia
- “Predictive Accuracy and The Bayesian Approach to Inductive Inference,” *16th Annual Alice Ambrose Lazerowitz-Thomas Tymoczko Memorial Logic Lecture*, Smith College
- “Imprecise Priors as Expressions of Epistemic Values,” LMU Munich, ANU Canberra
- “Why Evidentialists Need Not Worry About the Accuracy Argument for Probabilism,” ANU Canberra

“Dutch Book Arguments and Epistemic Consequentialism,” for Money Pumps, *Dutch Books & Other Picturesque Devices*, Franco-Swedish Programme in Philosophy and Economics supported by Fondation Maison des Sciences de l’Homme, Paris

“Comment of S. Rinard’s ‘Against Radical Credal Imprecision’ – APA Central, Chicago

“Comment’s on Lara Bushak’s *Risk and Rationality*,” – APA Pacific, San Diego.

**2013** (4 talks)

“Outline of an Accuracy-centered Epistemology for Credences,” 7<sup>th</sup> Annual Midwest Epistemology Workshop, University of Notre Dame

“Accuracy Centered Epistemology,” Bristol Summer School on Epistemic Utility

“Accuracy, Self-Accuracy and Epistemic Choice: A Reply to Caie,” Bristol Summer School on Epistemic Utility

“Why Evidentialists Need not Worry About the Accuracy Argument for Probabilism,” APA Pacific Division, San Francisco

**2012** (4 talks)

“Objective Bayesianism and the Problem of the Priors”–University of Bristol, LSE Choice Group

“Comment of R. Pettigrew’s ‘What chance-credence norms should not be’ – FEW 2012, Munich

“Scoring Rules, Evidence and Updating,” APA Central Division, Chicago

**2011** (5 talks)

“A Defense of Imprecise Credences in Inference and Decision Making” – Northwestern University Philosophy Department

“Counterfactuals and Belief Revision” – Rumelhart Symposium in Honor of Judea Pearl, COGSCI (Meetings of the Cognitive Science Association)

“Accuracy, Evidence and Conditioning,” Rutgers University, Formal Epistemology Seminar

“Symmetries in Probability and the Epistemology of Geometry” – *Festschrift for Larry Sklar*, University of Michigan, Ann Arbor

“Scoring Rules and Coherence” – University of Konstanz, Germany

**2010** (7 talks)

“The Proper Role of Ratifiability Considerations in Decision Making” – *Festschrift for Bill Harper*, University of Western Ontario

“Decision Making With Imprecise Probabilities” – SIPTA Workshop, Columbia University

“Inference and Decision Making With Imprecise Probabilities” – UC Berkeley, London School of Economics; Philosophy of Science Association Meetings

“Do Imprecise Credences Make Sense” – UC Berkeley, Group in Logic and the Methodology of Science; Arche St. Andrews/Rutgers Epistemology Conference

**2009** (11 talks)

“Scoring Rules and Coherence” – Carnegie Mellon University

"Inference and Decision Making With Imprecise Probabilities" – Princeton University  
"Do Imprecise Credences Make Sense" – *Foundations of Uncertainty: Probability and Its Rivals*, Prague; Rutgers University, Philosophy; Brown University  
"The Benefits and Pitfalls of Using Imprecise Probabilities to Represent Uncertainty" – Rutgers University, Cognitive Science  
"Ratifiability, Stability and the Role of Act Probabilities in Decision Theory" – *Prolog 2009*, Groningen  
"Some Thoughts on Causal Reasoning and on Epistemic Scoring Rules," – *Second Formal Epistemology Festival*, an international conference held in Ann Arbor  
"Comments on Sarah Moss and Mike Titelbaum on *de se* Updating" – Pacific APA, Vancouver  
"The Probative Value of Old Evidence" – Massachusetts Institute of Technology, University of Southern California

**2008** (6 talks)

"Comments on Tomoji Shogenji's 'The Degree of Epistemic Justification is Not the Probability'" – Meetings of the Eastern Division of the American Philosophical Association  
"The Probative Value of Old Evidence" – Biannual Meetings of the Philosophy of Science Association  
"Causal Decision Theory I and II" – Causality Study Fortnight, Center for Reasoning, University of Kent  
"Causally Unstable Acts and the Role of Regret in Decision Theory" – Causality Study Fortnight, Center for Reasoning, University of Kent  
"Decision Theory I & II" – *Decision, Games and Logic '08*, Institute for Logic, Language and Computation, University of Amsterdam  
"The Likelihood Principle and Two Concepts of Evidence" – University of Missouri

**2007** (4 talks)

"Bayesian Variations on the Likelihood Principle," – invited lecture, 13th International Congress of Logic, Methodology and Philosophy of Science (Beijing)  
"Accuracy and Coherence" – New York University, Mind and Language Seminar  
"Causal Decision Theory" -- London School of Economics  
"Epistemic Deference: The Case of Chance" – Aristotelian Society

**2006** (4 talks)

"Bayesian Frameworks for Induction" – Meetings of the *Philosophy of Science Association*  
"Rational Belief and Reasonable Belief, A Ramseyian Distinction" – University of Pittsburgh  
"Instance Confirmation," – Meetings of the Pacific Division of the American Philosophical Association  
"Belief Revision and Conditional Excluded Middle," Conference on Probability – Australian National University.

**2005** (5 talks)

- “Is There a Future for Inductive Logic” – Meetings of the Eastern Division of the American Philosophical Association
- “Subjective Probability and the Aim of Truth” – Prague International Colloquium on Dutch Book Arguments
- “Comment on Andy Egan’s ‘Counterexamples to Causal Decision Theory,’” – Formal Epistemology Workshop University of Texas, Austin
- “Ratifiability Revisited: Is it Rational to Perform Actions One Knows One Will Rue?” – Rice University
- “Bovens and Hartmann on Endogenous Judgments of Reliability,” – Meetings of the Pacific Division of the American Philosophical Association

**2004** (5 talks)

- “On the Plurality of Measures of Evidential Relevance,” – Meetings of the Philosophy of Science Association
- “On the Plurality of Measures of Evidential Relevance,” – University of Western Ontario
- “The Accuracy of Partial Beliefs I, II” – Formal Epistemology Workshop University of California, Berkeley
- “Probabilistic Belief Revision and The Law of Conditional Excluded Middle” – Conference on Conditionals and Two Dimensional Semantics, University of Western Ontario.
- “Brian Skyrms’s *The Stag Hunt*,” – Meetings of the Pacific Division of the American Philosophical Association

**2003** (3 talks)

- “On the Plurality of Probabilist Measures of Evidential Relevance” – 26th Annual International Wittgenstein Symposium of the Austrian Ludwig Wittgenstein Society
- “Jeffrey on Newcomb Problems and Causal Reasoning” – 26th Annual International Wittgenstein Symposium of the Austrian Ludwig Wittgenstein Society
- “Comment on Richard Fumerton’s ‘Epistemic Probability’” – Meetings of the Pacific Division of the American Philosophical Association

**2002** (2 talks)

- “Comment on Prasanta Bandyopadhyay’s ‘The Old Evidence Problem and Beyond’” – Meetings of the Eastern Division of the American Philosophical Association
- “Causal Reasoning and Intervention,” – University of California at Irvine

**2001** (2 talks)

- “Reflections on Williamson on Reflection” – University of Waterloo
- “On Some Recent Approaches to Causal Reasoning” – Stanford University, California Institute of Technology

**2000** (3 talks)

“The Lasting Lesson of Skepticism” -- University of Cincinnati; University of Utah  
Colloquium: *Skepticism and Objectivity*

“Imaging, Causation, and Statistical Knowledge” (Invited Paper) -- Meetings of the Pacific  
Division of the American Philosophical Association

**1999** (3 talks)

“The Lasting Lesson of Skepticism” -- University of Oklahoma

“The Role of Causal Reasoning in Bayesian Decision Theory” -- University of Michigan,  
Department of Statistics

“Reasons for Action” -- University of Western Ontario Colloquium: *Game Theory*

**1998** (2 talks)

“Why We Still Need the Logic of Decision” (Invited Paper) -- Meetings of the *Philosophy of  
Science Association*

“Evaluative Commitment and Diachronic Rationality.” -- University of Cincinnati Colloquium:  
*Perspectives on Rationality*

**1997** (2 talk)

“Comment on F. Doring’s ‘Bayesian Inference to the Best Explanation’” -- Meetings of the  
Central Division of the American Philosophical Association

**1996** (1 talk)

“Causal Reasoning in Game Theory: Common Knowledge and the Centipede.” --Haverford  
College Economics Department

**1994** (1 talk)

“A Non-Pragmatic Vindication of Probabilism” (Invited Paper) -- Meetings of the Central  
Division of the American Philosophical Association

**1993** (2 talks)

“The Brier Score as a Measure of Epistemic Accuracy” -- Ohio State University

“Subjunctive Beliefs and Decision Making” -- Michigan Decision Consortium

**1992** (1 talk)

“Supposition, Conditional Expected Utility, and Calibration” -- Princeton University

**1991** (2 talks)

“Unified Decision Theory and Newcomb's Paradox” -- Virginia Commonwealth University,  
Ohio State University, California Institute of Technology, University of Michigan



## ADMINISTRATIVE SERVICE

### DEPARTMENTAL

*Department Chair* (2005-2010)  
*Associate Chair* (2000-2005)  
*Admissions*: (2000-2005 **chair**, 2012 **chair**), (1998-1999), (2016-2017)  
*Computer*: (1991-1992, **chair**), (1994-1995), (1993-1994)  
*Graduate Studies*: (2002-2005), (1999-2000, **chair**), (1998-1999), (1991-1997)  
*GSI Training*: (1997-1998), (1995-1996, **chair**), (1992-1993)  
*Internal Review*: (2000-2002)  
*Recruitment*: (1996-1997, 2014 **chair**)  
*Graduate Placement* (2014-2016)  
*Special Events*: (1998-1999, **chair**), (1999-2000, **chair**), (1995-1996), (1994-1995)  
*Summer Chair*: (2002-2005)  
*Undergraduate Studies*: (1997-1998, **chair**)

### COLLEGE

*LS&A Curriculum Committee* (Jan 1999-2002)  
*Steering Committee, LSA Theme Semester, Language the Human Quintessence* (Win 2012)

### UNIVERSITY

*Governing Board, Rackham Graduate School* (2011-2014)  
*Chair, Search Committee for Ethics and Public Life Director*

## GRANTS AND AWARDS

**1993** University of Michigan CRLT-LS&A Postdoctoral Teaching Fellowship  
**2002** Rackham Interdisciplinary and Collaborative Research Grant -- *Dark Matter and the Formation of Galaxies: Evidence and Theory* (with Mario Mateo and Michael Woodroffe)  
**2003** LSA Excellence in Education Award

## REFEREEING AND REVIEWING

Cambridge University Press, Oxford University Press, McGraw Hill Publishing Company, Wadsworth Press, *Australasian Journal of Philosophy*, *Mind*, *Nous*, *Synthese*, *Journal of Symbolic Logic*, *Ethics*, *Notre Dame Journal of Formal Logic*, *Philosophy of Science*, *Erkenntnis*, *British Journal for the Philosophy of Science*, *Theory and Decision*, *Social Choice and Welfare*, *Philosophers Imprint*

## PARTICIPATION ON EXTERNAL REVIEW COMMITTEES

University of Waterloo (2004), U Indiana (2013), Carnegie Mellon (2014), UC Berkeley (2016)

## **PROFESSIONAL ASSOCIATIONS**

1984 - present: Philosophy of Science Association

1986 - present: American Philosophical Association

2009 - present: Cognitive Science Society