# Jonah N. Schupbach

Department of Philosophy, University of Utah
402 CTIHB, 215 S. Central Campus Drive
Salt Lake City, Utah 84112

jonah.n.schupbach@utah.edu
jonahschupbach.net
(801) 585-5810

## Areas of Specialization

Epistemology (including Formal Epistemology)
Logic
Philosophy of Science

## Areas of Competence

Metaphysics
Philosophy of Cognitive Science
Philosophy of Religion

## Appointments

*University of Utah (Salt Lake City, Utah, USA)*

Professor, Department of Philosophy, 2024–present.

Director of Graduate Studies, Department of Philosophy, 2026–present.

Associate Professor (*tenure granted 2017*), Department of Philosophy, 2017–2024.

Associate Chair of the Department of Philosophy, 2022–2023.

Assistant Professor, Department of Philosophy, 2011–2017.

*The British Journal for the Philosophy of Science*

Associate Editor, 2024–present.

*Journal of Mathematical Philosophy*

Associate Editor, 2026–present.

*Tilburg University (Tilburg, the Netherlands)*

Visiting Fellow, Tilburg Center for Logic & Philosophy of Science (TiLPS), September 2008–June 2009.

## Education

Ph.D. History & Philosophy of Science, University of Pittsburgh, 2011.

Dissertation: *Studies in the Logic of Explanatory Power* (defended June 14, 2011).
Co-directors: John Earman (Pittsburgh, HPS) and Edouard Machery (Pittsburgh, HPS).

M.A. Philosophy, Western Michigan University, 2006.

M.A. Philosophy of Religion, Denver Seminary, 2004.

B.S.E. Industrial Engineering, University of Iowa, 2001.

## Publications

*Books*

*Conjunctive Explanations: The Nature, Epistemology, and Psychology of Explanatory Multiplicity* (co-edited with David H. Glass). Routledge Studies in the Philosophy of Science. New York: Routledge (2023).

*Bayesianism and Scientific Reasoning*. Elements in the Philosophy of Science. Cambridge: Cambridge University Press (2022).

*Book Chapters*

"Exploratory Inference to the Best Explanation in Medicine," in Wenceslao J. Gonzalez (ed.), *Proceedings of the Conference on Philosophy of Medicine* (Forthcoming).

"Bayesianism in Science," in Sven Ove Hansson (ed.), *Comprehensive Philosophy of Science.* Amsterdam: Elsevier (Forthcoming) (with Josh Brekel).

"Conjunctive Explanation: Is the Explanatory Gain Worth the Cost?" in Jonah N. Schupbach and David H. Glass (eds.), *Conjunctive Explanations: The Nature, Epistemology, and Psychology of Explanatory Multiplicity.* New York: Routledge (2023): 144-69 (with David H. Glass).

"Introduction," in Jonah N. Schupbach and David H. Glass (eds.), *Conjunctive Explanations: The Nature, Epistemology, and Psychology of Explanatory Multiplicity.* New York: Routledge (2023): 1-6 (with David H. Glass).

"William Paley," in Stewart Goetz and Charles Taliaferro (eds.), *The Encyclopedia of Philosophy of Religion.* Malden, MA: Wiley (2021).

"Inference to the Best Explanation, Cleaned Up and Made Respectable," in Kevin McCain and Ted Poston (eds.), *Best Explanations: New Essays on Inference to the Best Explanation.* Oxford: Oxford University Press (2017): 39-61.

"Formal Epistemology," in *Oxford Handbooks Online.* Oxford: Oxford University Press (2017): `www.oxfordhandbooks.com/` (with Igor Douven).

"Experimental Philosophy Meets Formal Epistemology," in Justin Sytsma and Wesley Buckwalter (eds.), *A Companion to Experimental Philosophy.* Oxford: Wiley-Blackwell (2016): 535-44.

"Robustness, Diversity of Evidence, and Probabilistic Independence," in Uskali Mäki, Ioannis Votsis, Stéphanie Ruphy, and Gerhard Schurz (eds.), *Recent Developments in the Philosophy of Science: EPSA13 Helsinki.* Dordrecht: Springer (2015): 305-16.

*Journal Articles*

"Toward a Normative Exploration of Compositional Abduction," *Studies in History and Philosophy of Science* (Forthcoming).

"Conjunctive Explanations: When Are Two Explanations Better than One?" *Synthese*, 204, 2 (2024): 1-17 (with David H. Glass).

"On the Logical Structure of Best Explanations," *Philosophy of Science*, 90, 5 (December 2023): 1150-60.

"Conjunctive Explanations and Inference to the Best Explanation," *TEOREMA: International Journal of Philosophy*, 38, 3 (2019): 143-62. Published as part of a special issue on "Explanation in Science".

"Robustness Analysis as Explanatory Reasoning," *British Journal for the Philosophy of Science*, 69, 1 (March 2018): 275-300. (Winner of *BJPS*'s 2018 Popper Prize.)

"Troubles for Bayesian Formal Epistemology? A Response to Horgan," *Res Philosophica*, 95, 1 (January 2018): 189-97.

"Hypothesis Competition Beyond Mutual Exclusivity," *Philosophy of Science*, 84, 5 (December 2017): 810-24 (with David H. Glass).

"Experimental Explication," *Philosophy and Phenomenological Research*, 94, 3 (2017): 672-710.

"Competing Explanations and Explaining-Away Arguments," *Theology and Science*, 14, 3 (2016): 256-67. Published as part of a special issue on "Explaining and Explaining Away in Science and Religion."

"The Role of Explanatory Considerations in Updating," *Cognition*, 142 (2015): 299-311 (with Igor Douven).

"Probabilistic Alternatives to Bayesianism: The Case of Explanationism," *Frontiers in Psychology*, 6, 459 (2015): `journal.frontiersin.org/article/10.3389/fpsyg.2015.00459/pdf` (with Igor Douven).

"The Possibility of Coherentism and the Stringency of Ceteris Paribus Conditions," *Theoria. An International Journal for Theory, History and Foundations of Science*, 30, 1 (March 2015): 43-52. Published as part of a special issue on "Unification and Coherence."

"Is the Bad Lot Objection Just Misguided?" *Erkenntnis*, 79, 1 (February 2014): 55-64.

"Is the Conjunction Fallacy tied to Probabilistic Confirmation?" *Synthese* 184, 1 (2012): 13-27. Published as part of a special issue on "Probability, Confirmation, and Reasoning Fallacies."

"Comparing Probabilistic Measures of Explanatory Power," *Philosophy of Science* 78, 5 (December 2011): 813-829.

"New Hope for Shogenji's Coherence Measure," *British Journal for the Philosophy of Science* 62, 1 (March 2011): 125-142.

"The Logic of Explanatory Power," *Philosophy of Science* 78, 1 (January 2011): 105-127 (with Jan Sprenger).

"On the Alleged Impossibility of Bayesian Coherentism," *Philosophical Studies* 141, 3 (December 2008): 323-31.

"Must the Scientific Realist Be a Rationalist?" *Synthese* 154, 2 (January 2007): 329-34.

"On a Bayesian Analysis of the Virtue of Unification," *Philosophy of Science* 72, 4 (October 2005): 594-607.

"Paley's Inductive Inference to Design: A Response to Graham Oppy," *Philosophia Christi* 7, 2 (2005): 491-502.

*Book Reviews*

Review of *The Last Writings of Thomas S. Kuhn: Incommensurability in Science*, edited by Bojana Mladenović (University of Chicago Press), *The Review of Metaphysics* 77, 1 (September 2023): 151-54.

Review of *Truth-Seeking by Abduction*, by Ilkka Niiniluoto (Springer International), *Notre Dame Philosophical Reviews* (August 2019), online: `http://ndpr.nd.edu`.

Review of *Formal Epistemology and Cartesian Skepticism: In Defense of Belief in the Natural World*, by Tomoji Shogenji (Routledge), *Notre Dame Philosophical Reviews* (June 2018), online: `http://ndpr.nd.edu`.

Review of *Depth: An Account of Scientific Explanation*, by Michael Strevens (Harvard University Press), *Notre Dame Philosophical Reviews* (June 2010), online: `http://ndpr.nd.edu`, (with Stephan Hartmann).

Review of *Reflective Knowledge: Apt Belief and Reflective Knowledge, Volume II*, by Ernest Sosa (Oxford University Press), *The Review of Metaphysics* 63, 3 (March 2010): 722-24.

*Conference Reports*

*3rd Sydney-Tilburg Conference: The Future of Philosophy of Science* (Tilburg, the Netherlands; April 14-16, 2010), *The Reasoner* 4, 5 (May 2010): 77-78.

*Workshop on Scientific Philosophy: Past and Present* (Tilburg, the Netherlands; April 13, 2010), *The Reasoner* 4, 5 (May 2010): 77.

*Bayesianism, Fundamentally* (University of Pittsburgh, Center for Philosophy of Science; October 13-14, 2006), *PhilSci Archive*, online: `http://philsci-archive.pitt.edu/3163/`.

## Presentations

*Refereed or Invited Presentations*

"Exploratory Inference to the Best Explanation in Medicine"

*Conference on Philosophy of Medicine* (*Jornadas sobre Filosofía de la Medicina*); University of A Coruña; A Coruña, Spain; March 2026 (Invited).

Speaker and Panelist for Round Table on "The Role of AI in Medical Research and Hospital Practice"

*Conference on Philosophy of Medicine* (*Jornadas sobre Filosofía de la Medicina*); University of A Coruña; A Coruña, Spain; March 2026 (Invited).

"Putting Inference Back into Inference to the Best Explanation"

*10th Biennial Meeting of the European Philosophy of Science Association*; Groningen, Netherlands; August 27-30, 2025.

"Trimming IBE's Hedges: In Defense of Naïve Explanatory Inference"

History and Philosophy of Science Department Annual Alumni Lecture; University of Pittsburgh; Pittsburgh, PA; March 13, 2025 (Invited).

Philosophy Department Colloquium; Simon Fraser University; Burnaby, British Columbia, Canada; February 9, 2024 (Invited).

Philosophy Department Colloquium; University of Illinois; Urbana-Champaign, Illinois; January 26, 2024 (Invited).

"Hume's Argument Against Miracles in the Bayesian Balance"

Philosophy Department Colloquium; Hillsdale College; Hillsdale, Michigan; February 27, 2025 (Invited).

"The Disjunction Objection in the Jamesian Balance"

*16th Orange Beach Epistemology Workshop*; University of Alabama; Orange Beach, Alabama; May 14-15, 2024.

"Creative Intelligence, Abduction, and Inference to the Best Explanation"

*XVIIth Congress on Logic, Methodology and Philosophy of Science and Technology*; Buenos Aires, Argentina; July 24-29, 2023.

Philosophy Department Colloquium; University of Illinois; Urbana-Champaign, Illinois; January 20, 2023 (Invited).

"The Structure of Best Explanations"

*28th Biennial Meeting of the Philosophy of Science Association*; Pittsburgh, Pennsylvania; November 10-13, 2022.

*8th Biennial Conference of the European Philosophy of Science Association*; University of Turin; Italy; September, 2021.

Colloquium; Düsseldorf Center for Logic and Philosophy of Science; Düsseldorf, Germany; May 18, 2021 (Invited).

*British Society for the Philosophy of Science, Annual Conference*; University of Kent; Canterbury, England; July 13-15, 2020.

Studies in Science and Technology Colloquium; University of Minnesota; Minneapolis, Minnesota; December 6, 2019 (Invited).

"Computer Simulations and Conceptual Engineering"

ARCHÉ Conceptual Engineering Seminar; ARCHÉ Philosophical Research Centre; University of St. Andrews; St. Andrews, Scotland; April 20, 2021 (Invited).

"Conjunctive Explanations" (with David Glass)

*27th Biennial Meeting of the Philosophy of Science Association*; Baltimore, Maryland; November 19-22, 2020 [Rescheduled: November 11-14, 2021].

*7th Biennial Conference of the European Philosophy of Science Association*; University of Geneva; Geneva, Switzerland; September 11-14, 2019.

*Summer Seminar in Philosophy of Statistics*; Virginia Tech University; Blacksburg, Virginia; August 10, 2019 (Invited).

*British Society for the Philosophy of Science, Annual Conference*; Durham University; Durham, England; July 17-19, 2019.

"Inductive Logical Pluralism"

Conference on *Bayesian Epistemology: Perspectives and Challenges*; Munich Center for Mathematical Philosophy, LMU Munich, Germany; August 10-14, 2020.

Philosophy Department Colloquium; University of Notre Dame; Notre Dame, Indiana; November 30, 2018 (Invited).

*Formal Philosophy International Conference*; Higher School of Economics; Moscow, Russia; October 1-2, 2018.

"Reasoning Between Conjunctive and Competing Explanations"

*27th Annual Meeting of the European Society for Philosophy and Psychology*; Athens, Greece; September 5-8, 2019.

*Society for Philosophy and Psychology, Preconference*; University of California, San Diego; July 10, 2019 (Invited).

"IBE's Uniqueness Claim, Hypothesis Competition, and Conjunctive Explanations"

*11th MuST Conference in Philosophy of Science (on "Models of Explanation")*; University of Turin; Italy; June 11-13, 2018.

"Logical Pluralism, Inference to the Best Explanation, and Bayesianism"

Logic and Philosophy of Science Department Colloquium; University of California, Irvine; Irvine, California; November 3, 2017 (Invited).

School of Computing & Mathematics Seminar; Ulster University; Belfast, Northern Ireland; June, 2017 (Invited).

*International Conference on Thinking 2016*; Brown University; Providence, Rhode Island; August 4-6, 2016 (Invited).

"When do Hypotheses Compete?" (with David Glass)

Philosophy Department Colloquium; Western Michigan University; Kalamazoo, Michigan; October 13, 2017 (Invited; Alumni Achievement Award Speaker).

*Northwest Philosophy Conference*; North Idaho College; Coeur d'Alene, Idaho; October 9-10, 2015.

"Isolating the Effects of Coherence"

*6th Biennial Conference of the European Philosophy of Science Association*; University of Exeter; Exeter, England; September 8, 2017.

*Workshop on Unification and Coherence*; Düsseldorf Center for Logic and Philosophy of Science; Düsseldorf, Germany; January 16, 2014 (Invited).

"Hypothesis Competition Beyond Mutual Exclusivity" (with David Glass)

*Society for Exact Philosophy Conference*; University of Calgary; Calgary, Alberta; May 5-7, 2017.

*Biennial Meeting of the Philosophy of Science Association*; Atlanta, Georgia; November 3-5, 2016.

"Inference to the Best Explanation, Cleaned Up and Made Respectable"

*7th Orange Beach Epistemology Workshop*; University of South Alabama; Orange Beach, Alabama; May 19-20, 2015.

*5th Formal Epistemology Festival*; University of Toronto; Toronto, Ontario, Canada; June 3-5, 2013.

Philosophy Department Colloquium; Colorado State University; Fort Collins, Colorado; February 15, 2013 (Invited).

Philosophy Department Colloquium; Fordham University; New York, New York; January 24, 2011 (Invited).

Philosophy Department Colloquium; University of Utah; Salt Lake City, Utah; January 14, 2011 (Invited).

"Evolution, Theism, and Explaining-Away Arguments"

Conference on *Explaining and Explaining Away in Science and Religion*; Ulster University; Belfast, Northern Ireland; January 8-9, 2015.

"Robustness Analysis as Explanatory Reasoning"

*Working Seminar on Robustness Analysis*; University of Helsinki; Helsinki, Finland; September 25-26, 2014.

Colloquium; Düsseldorf Center for Logic and Philosophy of Science; Düsseldorf, Germany; January 22, 2014 (Invited).

*1st Workshop on Inductive Logic and Confirmation in Science*; University of Kent (Paris Campus); Paris, France; October 17-18, 2013.

*4th Conference of the European Philosophy of Science Association*; University of Helsinki; Helsinki, Finland; August 28-31, 2013.

"Best Explanations, Bayes's Rule, and Bonus Points" (with Igor Douven)

*8th London Reasoning Workshop*; Birkbeck, University of London; London, England; July 9-10, 2014 (presented by Igor Douven).

Institute of Cognitive and Brain Sciences seminar; University of California Berkeley; Berkeley, California; May 2, 2014 (Invited).

"Competing Explanations and Explaining-Away Arguments"

Tanner Humanities Center; University of Utah; Salt Lake City, Utah; February 4, 2014 (Invited).

*7th Annual Philosophy of Religion Conference*; Baylor University; Waco, Texas; January 27-28, 2012 (Invited).

"Experimental Explication"

*1st Pittsburgh-Tilburg Workshop: Formal Epistemology Meets Experimental Philosophy*; Tilburg University; Tilburg, the Netherlands; September 29-30, 2011.

"Comparing Probabilistic Measures of Explanatory Power"

*Biennial Meeting of the Philosophy of Science Association*; Montreal, Quebec, Canada; November 4-6, 2010.

*3rd Sydney-Tilburg Conference: The Future of Philosophy of Science*; Tilburg University; Tilburg, the Netherlands; April 14-16, 2010.

"The Logic of Explanatory Power" (with Jan Sprenger)

*7th Annual Formal Epistemology Workshop*; Universität Konstanz; Konstanz, Germany; September 2-4, 2010.

*European Science Foundation Workshop on "Physical and Philosophical Perspectives on Probability, Explanation and Time"*; Woudschouten; October, 2009 (presented by Jan Sprenger).

*Progic 2009: 4th Workshop on Combining Probability and Logic*; University of Groningen; Groningen, The Netherlands; September 17-19, 2009 (presented by Jan Sprenger).

"Coherence: Philosophical Issues, Psychological Implications" (with Adam Harris and Ulrike Hahn)

*4th London Reasoning Workshop*; Birkbeck, University of London; London, England; July 27-28, 2009 (presented by Adam Harris).

"Confirming the Disconfirmed and Conjunction Fallacies"

*Vereniging voor Analytische Filosofie 2009* (Conference for the Dutch-Flemish Society for Analytic Philosophy); Tilburg University; Tilburg, the Netherlands; January 23, 2009.

*Seminar on Probability, Decision, and Uncertainty*; Institut d'Histoire et de Philosophie des Sciences et des Techniques; Paris, France; January 16, 2009 (Invited).

*Workshop on the Psychology of Argumentation and Inductive Reasoning*; Tilburg University; Tilburg, The Netherlands; November 17-21, 2008.

"How to Be (and How not to Be) a Bayesian Explanationist"

*Formal Philosophy Group*; Katholieke Universiteit; Leuven, Belgium; November 28, 2008 (Invited).

*2nd London-Paris-Tilburg Workshop in Logic and Philosophy of Science*; Tilburg University; Tilburg, The Netherlands; October 24, 2008.

"Is the Conjunction Fallacy Tied to Probabilistic Confirmation?"

*Workshop on Probability, Confirmation and Fallacies*; Katholieke Universiteit; Leuven, Belgium; April 3-7, 2008 (Invited).

*1st Western Michigan University Graduate Philosophy Conference*; Kalamazoo, Michigan; November 30 - December 2, 2007 (Invited; Distinguished Alumnus Speaker).

"On the Alleged Impossibility of Bayesian Coherentism"

*4th Annual Formal Epistemology Workshop*; Carnegie Mellon University; Pittsburgh, Pennsylvania; May 31 - June 3, 2007.

*Foundations of the Formal Sciences VI: Reasoning about Probabilities and Probabilistic Reasoning*; Universiteit van Amsterdam; Amsterdam, The Netherlands; May 2-5, 2007.

"The Fall of the Gettier Problem: An Internalist Approach"

*Society of Christian Philosophers, Pacific Regional Meeting*; Biola University; La Mirada, California; February 27, 2004.

*Comments Delivered*

"Commentator at large"

*10th Orange Beach Epistemology Workshop*; University of South Alabama; Orange Beach, Alabama; May 22-23, 2018.

*8th Orange Beach Epistemology Workshop*; University of South Alabama; Orange Beach, Alabama; May 23-24, 2016.

Comments on Terry Horgan's "Troubles for Formal Epistemology"

*2016 Res Philosophica Conference: Bridges Between Formal and Traditional Epistemology*; St. Louis University; St. Louis, Missouri; April 8, 2016.

## Honors and Awards

Honorary Alumni Lecturer; University of Pittsburgh, History and Philosophy of Science Department; Annual Alumni Lecture Series; March 2025.

International Travel and Research Grant Recipient; College of Humanities, University of Utah; March 2023.

Co-recipient of a Dee Grant—for the development of AI and online tools for teaching Deductive Logic (with Matt Haber, Eliya Cohen, and Edison Barrios); Council of Dee Fellows, University of Utah; August 2022 – May 2023 ($9,000).

Faculty Fellowship; University Research Committee, University of Utah; August – December 2020.

International Travel and Research Grant Recipient; College of Humanities, University of Utah; October 2019.

Participant; Summer Seminar in Philosophy of Statistics; Virginia Tech; July 28 – August 11 2019.

2018 Popper Prize, British Society for the Philosophy of Science. Awarded for "Robustness Analysis as Explanatory Reasoning," *British Journal for the Philosophy of Science*, 69, 1 (March 2018): 275-300.

Grant Recipient and Project Co-Leader (with David H. Glass), John Templeton Foundation, "Conjunctive Explanations: how Science and Religion can work together (CESAR)" (£364,000).

International Travel and Research Grant Recipient; College of Humanities, University of Utah; October 2018.

International Travel and Research Grant Recipient; College of Humanities, University of Utah; March 2018.

Nominated for the Early Career Teaching Award; University of Utah; January 2018.

Nominated for the Ramona W. Cannon Award for Faculty Teaching Excellence in the Humanities; College of Humanities, University of Utah; December 2017.

Alumni Achievement Award; College of Arts and Sciences, Western Michigan University; October 2017.

Nominated for the Early Career Teaching Award; University of Utah; January 2017.

Nominated for the Ramona W. Cannon Award for Faculty Teaching Excellence in the Humanities; College of Humanities, University of Utah; December 2016.

International Travel and Research Grant Recipient; College of Humanities, University of Utah; October 2016.

National Science Foundation Travel Grant Recipient; 25th Biennial Meeting of the Philosophy of Science Association; September 2016.

Participant; St. Thomas Summer Seminar in Philosophy of Religion and Philosophical Theology; University of St. Thomas; June 2016.

Nominated for the Early Career Teaching Award; University of Utah; January 2016.

International Travel and Research Grant Recipient; College of Humanities, University of Utah; October 2014.

Faculty Fellowship; University Research Committee, University of Utah; August – December 2014.

Great Ideas in the Humanities Grant Recipient (with Jacob Stegenga), "Confirmation, Logic, and Induction in Medicine and Science (CLAIMS)"; College of Humanities, University of Utah; December 2013 – November 2014 ($12,000).

Virgil C. Aldrich Fellowship in the Humanities; Tanner Humanities Center, University of Utah; January – April 2014.

International Travel and Research Grant Recipient; College of Humanities, University of Utah; October 2013.

Travel Grant Recipient; Philosophy of Science Association; September 2010.

Wesley Salmon Fund Grant Recipient; Department of History & Philosophy of Science, University of Pittsburgh; April 2010.

GPSA Travel Grant Recipient; University of Pittsburgh; April 2010.

Nominated and Chosen for Honors for Academic Excellence; 34th Annual Honors Convocation, University of Pittsburgh; February 2010.

Visiting Fellowship; Tilburg Center for Logic & Philosophy of Science (TiLPS), Tilburg University; September 2008 – June 2009.

Letter of Commendation for Teaching Evaluations; Department of History & Philosophy of Science, University of Pittsburgh; February 2008.

Invited as "Distinguished Alumnus Speaker"; *1st Western Michigan University Graduate Philosophy Conference*; December 2007.

Wesley Salmon Fund Grant Recipient; Department of History & Philosophy of Science, University of Pittsburgh; November 2007.

GPSA Travel Grant Recipient; University of Pittsburgh; May 2007.

Heraclitean Essay Contest Winner (Best Paper by a Graduate Student); Department of Philosophy, Western Michigan University; February 2005.

Inducted into National Honor Society; Phi Eta Sigma National Honor Society, University of Iowa; April 1998.

## Service

### *University & College Service*

Scholarships Committee; College of Liberal Arts and Sciences, University of Utah; 2025-2026.

Career Development Committee; College of Humanities, University of Utah; 2021 – 2023.

Graduate Council, College of Humanities representative; University of Utah; 2018 – 2020.

University Graduate Research Fellowship Committee; University of Utah; 2019.

Faculty Awards Committee; College of Humanities, University of Utah; 2016 – 2017.

Educational Technology Committee; College of Humanities, University of Utah; 2013 – 2015.

Faculty Reviewer, Undergraduate Research Opportunities Program; Office of Undergraduate Research, University of Utah; 2014.

Convocation Speaker Selection Committee; College of Humanities, University of Utah; Spring 2013.

### *Departmental Service*

Director of Graduate Studies; Department of Philosophy, University of Utah; 2026 – present.

Graduate Committee; Department of Philosophy, University of Utah; 2011 – 2013, 2017 – 2022, 2025 – present.

Tenured Faculty Review Subcommittee; Department of Philosophy, University of Utah; 2025.

Hiring Committee; Department of Philosophy, University of Utah; 2011 – 2012, 2013 – 2014, 2023 – 2024.

Associate Chair; Department of Philosophy, University of Utah; 2022 – 2023.

Fellowship Coordinator, Graduate Committee; Department of Philosophy, University of Utah; 2018 – 2020, 2021 – 2022.

Undergraduate Committee; Department of Philosophy, University of Utah; 2015.

Colloquium Series Organizer; Department of Philosophy, University of Utah; 2014 – 2015.

Director, Job Placement; Department of Philosophy, University of Utah; 2012 – 2014.

Dissertation and Thesis Advisor:

Gesiel da Silva, Philosophy, University of Missouri; 2024 – present.

Joshua Brekel, Philosophy, University of Utah; 2024-2026.

Joshua Barthuly, Philosophy, University of Notre Dame; 2020 – 2023 (defended: 2023/04/05).

Dissertation Committees:

Jorgen Hansen, Philosophy, University of Utah; 2022 – 2024.

Kyle Barrett, Philosophy, University of Utah; 2017 – 2025.

Kenneth Blake Vernon, Philosophy, University of Utah; 2013 – 2018.

Landon McBrayer, Philosophy, University of Utah; 2012 – 2015.

Jason Chris Jenson, Philosophy, University of Utah; 2011 – 2013.

Comprehensive Exam Committees:

Joshua Brekel, Philosophy, University of Utah; 2024 – 2025.

Qining Quo, Philosophy, University of Utah; 2022 – 2023.

Kyle Barrett, Philosophy, University of Utah; 2016 – 2017.

Kenneth Blake Vernon, Philosophy, University of Utah; 2012 – 2013.

Lucas Matthews, Philosophy, University of Utah; 2012 – 2013.

Presenter, Logic Club, University of Utah; April 2013.

Presenter, Philosophy Club, University of Utah; December 2012.

Webmaster; Department of History & Philosophy of Science, University of Pittsburgh; 2006 – 2009.

*Professional and External Service*

Associate Editor, *Journal of Mathematical Philosophy* (2026 – present).

Associate Editor, *The British Journal for Philosophy of Science* (2024 – present).

External Dissertation Advisor:

Gesiel da Silva, Philosophy, University of Missouri; 2024 – present.

Joshua Barthuly, Philosophy, University of Notre Dame; 2020 – 2023 (defended: 2023/04/05).

Review Editor, *Frontiers in Psychology - Theoretical and Philosophical Psychology*, 2019-2023.

Editorial Board Member, *The Reasoner*; 2013-present.

Conference Organizer, *Scientific Explanations, Competing and Conjunctive* (Salt Lake City, Utah; June 26-28, 2019).

Judge, Technology Student Association Software Development Competition (Salt Lake City, Utah; January 2018, January 2019, January 2020).

Judge, Technology Student Association Video Game Design Competition (Salt Lake City, Utah; January 2018, January 2019, January 2020).

Judge, Technology Student Association Website Design Competition (Salt Lake City, Utah; January 2018, January 2019, January 2020).

Co-founder and Administrator, *Choice & Inference* (an online news feed and discussion forum for formal epistemologists), `http://www.choiceandinference.com`; 2008-2013, 2017-2020.

Conference Organizer (with Jacob Stegenga), *Inductive Logic and Confirmation in Science II* (Salt Lake City, Utah; October 24-25, 2014).

Conference Program Committee:

*8th Biennial Conference of the European Philosophy of Science Association* (University of Turin; Italy; September, 2021).

*Bayesian Epistemology: Perspectives and Challenges* (Munich Center for Mathematical Philosophy, LMU Munich; Germany; August 10-14, 2020).

*16th Annual Formal Epistemology Workshop* (University of Turin; Italy; June 19-21, 2019).

*11th MuST Conference in Philosophy of Science: Models of Explanation* (University of Turin; Italy; June 11-13, 2018).

*3rd Sydney-Tilburg Conference: The Future of Philosophy of Science* (Tilburg University; Tilburg, the Netherlands; April 14-16, 2010).

Conference Referee:

*Biennial Conference of the European Philosophy of Science Association* (2021)

*Bayesian Epistemology: Perspectives and Challenges* (2020)

*Formal Epistemology Workshop* (2017, 2019)

*Society for Philosophy & Psychology Conference* (2018)

*11th MuST Conference in Philosophy of Science: Models of Explanation*

*3rd Sydney-Tilburg Conference: The Future of Philosophy of Science*

*13th Annual Pitt-CMU Graduate Student Philosophy Conference*

*2011 Conference on Uncertainty in Artificial Intelligence*.

Journal Referee:

*Acta Analytica*
*American Catholic Philosophical Quarterly*
*American Philosophical Quarterly*
*Analysis* (6)
*Australasian Journal of Philosophy* (3)
*British Journal for the Philosophy of Science* (14)
*Cognitive Psychology* (6)
*Dialectica*
*Episteme* (6)
*Ergo* (5)
*Erkenntnis* (21)
*European Journal for Philosophy of Science* (16)
*Faith and Philosophy* (2)
*Frontiers in Ecology and Evolution* (2)
*Frontiers in Psychology* (2)
*Intern'l Journal of Approximate Reasoning*
*Intern'l Journal for Philosophy of Religion*
*Journal for General Philosophy of Science*
*The Journal of Economic Methodology*
*The Journal of Philosophy* (2)
*Kriterion*
*Logique et Analyse*
*Mind* (2)
*Minds and Machines* (2)
*Notre Dame Journal of Formal Logic* (2)
*Noûs* (2)
*Oxford Bibliographies*
*Pacific Philosophical Quarterly* (2)
*Perspectives on Science*
*Philosophers' Imprint* (2)
*Philosophia* (2)
*The Philosophical Quarterly* (2)
*Philosophical Studies* (3)
*Philosophy and Phenomenological Research* (3)
*Philosophy Compass*
*Philosophy of Science* (25)
*The Reasoner* (5)
*The Review of Symbolic Logic*
*SAGE Open*
*South African Journal of Philosophy*
*Southern Journal of Philosophy*
*Studies in History & Phil of Modern Physics*
*Studies in History & Philosophy of Science* (3)
*Synthese* (25)
*TEOREMA*
*Theology and Science* (2)
*Theoria* (2)
*topiCS: Topics in Cognitive Science* (3)

Book Referee:

*Blackwell*
*Cambridge University Press* (2)
*Continuum*
*Hackett* (2)
*Oxford University Press*
*Princeton University Press* (2)
*Routledge* (2)

Grant Proposal Referee:

John Templeton Foundation; 2017.

Social Sciences and Humanities Research Council of Canada (*Insight Grants*); 2017.

Volkswagen Foundation (*Postdoctoral Fellowships in the Humanities at Universities and Research Institutes in the U.S. and Canada*); 2016.

## Teaching

*All courses taught through the University of Utah's Philosophy Department unless otherwise noted.*

(† = Graduate Course; ‡ = Independent Study)

Inductive Logic — Fall 2015, Fall 2016, Spring 2019, Spring 2020, Spring 2021, Spring 2027.

† Rational Choice Theory — Spring 2026.

Reasoning and Rational Decision Making — Fall 2011, Spring 2012, Fall 2012, Spring 2013, Fall 2013, Spring 2015, Fall 2016, Spring 2017, Fall 2021, Spring 2022, Fall 2022, Spring 2023, Spring 2026.

History and Philosophy of Science — Fall 2011, Fall 2019, Spring 2022, Fall 2025.

† Metaphysics — Spring 2025 (co-taught with Professor Anne Peterson).

† Advanced Topics in Inductive Logic — Spring 2017, Spring 2021, Spring 2025.

Great Science Books (co-instructor covering lectures on Galileo's *Dialogue Concerning the Two Chief World Systems*) — Spring 2024.

Deductive Logic — Spring 2018, Fall 2021, Spring 2023, Spring 2024.

‡ Bayesianism — Spring 2019.

† Metaphysics and Logic — Fall 2018 (co-taught with Professor Anne Peterson).

† Advanced Topics in Deductive Logic — Spring 2015, Spring 2018.

† Metaphysics of Modality — Fall 2015 (co-taught with Professor Anne Peterson).

‡ Scientific Explanation and Explanatory Reasoning — Fall 2013.

Foundations of Probability and Statistics — Fall 2012, Fall 2013.

† Topics in the Foundations of Logic and Mathematics — Spring 2013.

† Symbolic Logic — Spring 2012.

Myth and Science (University of Pittsburgh) — Fall 2009, Spring 2010.

Philosophy of Science (Western Michigan University) — Fall 2005, Spring 2006.

Introduction to Logic (Kalamazoo Valley Community College) — Fall 2005, Spring 2006.

Introduction to Philosophy (Kalamazoo Valley Community College) — Fall 2005.

Deductive Logic (Western Michigan University) — Fall 2004, Spring 2005, Summer 2005.

Introduction to Philosophy (Community College of Aurora) — Fall 2003, Spring 2004.

# References

**Igor Douven**
Paris-Sorbonne University
igor.douven@paris-sorbonne.fr

**Stephan Hartmann**
Center for Mathematical Philosophy, LMU Munich
Stephan.Hartmann@lrz.uni-muenchen.de

**Branden Fitelson**
Philosophy, Northeastern University
branden@fitelson.org

**Edouard Machery**
HPS, University of Pittsburgh
machery@pitt.edu

Last updated: October 8, 2026