

6/2024

Department of Philosophy
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Salt Lake City, UT 84112
s.downes@utah.edu

STEPHEN M. DOWNES
(US Citizen and British Citizen)

Current Position: Professor, Department of Philosophy, University of Utah
Adjunct Professor, School of Biological Sciences, University of Utah

Previous Positions: Associate Professor, Department of Philosophy, University of Utah (1998-2006)
Assistant Professor, Department of Philosophy, University of Utah (1992-8)
Post-Doctoral Fellow, Northwestern University (1991-92)
Visiting Professor, University of Cincinnati (1990-91)

Administrative Appointments:

Department Chair (2009 to 2015)
Associate Department Chair (2003-2009)
Director of Graduate Studies (1999-2000; 2001-2002)
Chair of Department Retention, Promotion and Tenure Committee (1999-2002)
Acting Department Chair (Summer 2002)

Academic Record:

1990 Ph.D. Science and Technology Studies, Virginia Polytechnic Institute.
1985-88 Graduate Student, Philosophy, University of Colorado, Boulder (A.B.D. 1988)
1986 MA, Philosophy, University of Warwick (UK).
1983 BA Hons. (1st Class), Philosophy, University of Manchester (UK).

Grants, Awards and Research Leaves:

1. Mentored RA support from Utah Center for Excellence in ELSI Research (UCEER) grant from National Human Genome Research Institute (NHGRI) at NIH, grant #: RM1HG009037 (Aug 2022- July 2023). Plus, support supplement July 2023 to Aug 2023.
2. Distinguished Scholar in the Humanities, College of Humanities, University of Utah (2020).
3. University of Utah, College of Humanities, Sabbatical Leave (2015-16).
4. Visiting Fellow, School of Philosophy, RSSH, Australian National University, July 2012.
5. Dibner/MBL Molecular Evolution Seminar Participant, Woods Hole, May 2004.
6. Recipient of National Science Foundation Scholars Award 0321875 Jan 2004 to Aug 2004.
7. University of Utah, College of Humanities, Sabbatical Leave (2002-3).
8. Ramona W. Cannon Award for Teaching Excellence in the Humanities, University of Utah (2000).
9. University of Utah, Faculty Fellowship. (Research leave and funding for Fall 2000.)
10. Recipient of National Science Foundation Conference Award 9900502 for a colloquium on Human Nature (1999).
11. Joint recipient of a Fund for the Improvement of Post-Secondary Education Grant for a Colloquium on Human Nature (1999).
12. O.C. & G.A. Tanner Humanities Center Fellowship at the University of Utah (1997-8).
13. Joint recipient of a grant from the National Center for Human Genome Research for the Genetic Science in Society Program Core of the Utah Center for Human Genome Research (1995-8).

Publications:

Books/Edited Volumes:

- Models and Modeling in the Sciences: A Philosophical Introduction. Routledge (July 2020)
- Arguing About Human Nature (Co-edited with Edouard Machery). Routledge (March 2013).
- Philosophy of Science Vol. 79, Issue 5: Proceedings of the 2010 Biennial Meeting of the Philosophy of Science Association: Part 2 Symposia Papers. University of Chicago Press (Editor) (December 2012).
- Special issue of Human Nature: Evolution and Human Aggression (Co-edited with Elizabeth Cashdan), Vol. 23, No. 1 (2012).
- Philosophy of Science Vol. 78, Issue 5: Proceedings of the 2010 Biennial Meeting of the Philosophy of Science Association: Part 1 Contributed Papers. University of Chicago Press (Editor) (December 2011).

Journal Articles and Book Chapters:

- "Heritability" (with Lucas J. Matthews), The Stanford Encyclopedia of Philosophy (Spring 2024 Edition), Edward N. Zalta & Uri Nodelman (eds.), forthcoming URL = <https://plato.stanford.edu/archives/spr2024/entries/heritability/> (revised version of "Heritability," The Stanford Encyclopedia of Philosophy (Winter 2019 Edition)).
- "Evolutionary Psychology", The Stanford Encyclopedia of Philosophy (Spring 2024 Edition), Edward N. Zalta & Uri Nodelman (eds.), forthcoming URL = <https://plato.stanford.edu/archives/spr2024/entries/evolutionary-psychology/> revised version of "Evolutionary Psychology," The Stanford Encyclopedia of Philosophy (Fall 2018 Edition)
- "Shallow vs. Deep Genetic Causes" (with Adam C. Smith), Behavioral and Brain Sciences Vol 46: E201 (2023).
- "Changes in Heritability: Unpredictable and of Limited Use" (with Jonathan M. Kaplan), Behavioral and Brain Sciences Vol. 45: E159 (2022).
- "An Early History of the Heritability Coefficient Applied to Humans (1918-1960)" (with Eric Turkheimer), Biological Theory (Online first Nov 2021) Vol. 17: 126-137 (2022).
- "The role of ancient DNA research in archaeology," Topoi (Online first July 25th, 2019) Vol. 40: 285–293 (2021).
- "Variability of Aggression" (with James Tabery) in T. Shackleford and V.A. Weekes-Shackleford (Eds.) Encyclopedia of Evolutionary Psychological Science, Cham: Springer: 8341-8348 (2021).
- "Heritability" (with Lucas J. Matthews), The Stanford Encyclopedia of Philosophy (Winter 2019 Edition) Edward N. Zalta (ed.), forthcoming URL=<https://plato.stanford.edu/archives/win2019/entries/heredity/> substantially revised version of "Heritability", The Stanford Encyclopedia of Philosophy (Summer 2015 Edition), Edward N. Zalta (ed.), forthcoming URL = <http://plato.stanford.edu/archives/sum2015/entries/heredity/>
- "Evolutionary Psychology," The Stanford Encyclopedia of Philosophy (Fall 2018 Edition), revised version of "Evolutionary Psychology" The Stanford Encyclopedia of Philosophy (Summer 2014 Edition), Edward N. Zalta (ed.), URL = <https://plato.stanford.edu/archives/fall2018/entries/evolutionary-psychology/> (2018).
- "Human nature: An Overview" in R. Joyce (Ed.), The Routledge Handbook of Evolution and Philosophy. New York: Routledge: 155-166 (2018).
- "Scientific Imperialism and explanatory appeals to evolution in the social sciences," in U. Mäki, A. Walsh and M. Fernández Pinto (Eds.) Scientific Imperialism, New York: Routledge: 224-236 (2017).

- “Evolutionary Psychology” in L. McIntyre and A. Rosenberg (Eds.), The Routledge Companion to Philosophy of Social Science. New York: Routledge: 330-339 (2016).
- “Confronting Variation in the Social and Behavioral Sciences,” Philosophy of Science, Vol. 83: 909-920 (2016).
- "Heritability," The Stanford Encyclopedia of Philosophy (Summer 2015 Edition), Edward N. Zalta (ed.), forthcoming URL = <http://plato.stanford.edu/archives/sum2015/entries/heredity/>, revised version of "Heritability", The Stanford Encyclopedia of Philosophy (Summer 2009 Edition), Edward N. Zalta (ed.), URL = < <http://plato.stanford.edu/archives/sum2009/entries/heredity/>> (2015).
- “Evolutionary Psychology, Adaptation and Design” in Heams, T. et al. (Eds.), Handbook of Evolutionary Thinking in the Sciences. Dordrecht: Springer: 559-573 (2015).
- "Evolutionary Psychology," The Stanford Encyclopedia of Philosophy (Summer 2014 Edition), revised version of “Evolutionary Psychology” The Stanford Encyclopedia of Philosophy (Spring 2008 Edition), Edward N. Zalta (ed.), URL = <http://plato.stanford.edu/archives/sum2014/entries/evolutionary-psychology/> (2014).
- “Evolutionary psychology is not the only productive evolutionary approach to understanding consumer behavior,” Journal of Consumer Psychology, Vol. 23, No. 3: 400-403 (2013).
- “How much work do scientific images do?” Spontaneous Generations: A Journal for the History and Philosophy of Science, Vol. 6, No. 1: 115-130 (2012)
- “Scientific Models,” The Philosophy Compass Vol. 6: 757-764 (2011).
- “Are you experienced?: What you don’t know about your climbing experience” in Schmid, S. (Ed.), Climbing – Philosophy for Everyone: Because its there. Wiley-Blackwell: 195-205 (2010).
- “La Psychologie Évolutionniste, L’Adaptation et L’Organisation” in Heams, T. et al. (Eds.), Les Mondes Darwiniens: L’évolution de l’évolution. Paris: Editions Syllepse: 795-812 (2009). (Translation to French by Édouard Guinet.) (E-Edition in Heams, T. et al. (Eds.) Les Mondes Darwiniens: 1115-1140 (2011)).
- “The Basic Components of the Human Mind Were Not Solidified During the Pleistocene Epoch” in Contemporary Debates in Philosophy of Biology, F. Ayala and R. Arp (Eds.), Oxford: Wiley-Blackwell: 243-252 (2009).
- “Models, Pictures and Unified Accounts of Representation: Lessons from aesthetics for philosophy of science,” Perspectives on Science Vol. 17, No. 4: 417-428 (2009).
- "Heritability," The Stanford Encyclopedia of Philosophy (Summer 2009 Edition), Edward N. Zalta (ed.), URL = < <http://plato.stanford.edu/archives/sum2009/entries/heredity/>>
- “Evolutionary Psychology” in International Encyclopedia of the Social Sciences, 2nd Edition, W.A Darity (Ed.). Detroit: Macmillan Reference: Vol. 9, 33-34 (2008).
- “Biological Information” in Philosophy of Science: An Encyclopedia, J. Pfeiffer & S. Sarkar (Eds.). New York: Routledge: 64-68 (2006).
- “Integrating the Multiple Biological Causes of Human Behavior,” Biology and Philosophy 20: 177-190 (2005).
- "Heredity and Heritability," The Stanford Encyclopedia of Philosophy (Fall 2004 Edition), Edward N. Zalta (ed.), URL <<http://plato.stanford.edu/archives/fall2004/entries/heredity/>>.
- “Alternative Splicing, the Gene Concept, and Evolution,” History and Philosophy of the Life Sciences Vol. 26: 91-104 (2004).
- “Baldwin Effects and the Expansion of the Explanatory Repertoire in Evolutionary Biology” in Evolution and Learning: The Baldwin Effect Reconsidered, B. Weber and D. Depew (Eds.), MIT Press: 33-52 (2003).
- “The Theory Theory Thrice Over: The Child as Scientist, Superscientist or Social Institution?” (with Michael Bishop), Studies in History and Philosophy of Science, Vol. 33, No. 1: 117-132 (2002).
- “Some recent developments in evolutionary approaches to the study of human behavior and cognition,” Biology and Philosophy Vol. 16, No. 5: 575-595 (2001).

- “Agents and Norms in the New Economics of Science,” Philosophy of the Social Sciences, Vol. 31, No. 2: 224-238 (2001).
- “Truth, Selection and Scientific Inquiry,” Biology and Philosophy, Vol. 15, No. 3: 425-442 (2000).
- “Ontogeny, Phylogeny and Scientific Development,” in V. Hardcastle (ed.) Where Biology Meets Psychology: Philosophical Essays. Cambridge: MIT Press: 273-85 (1999).
- “Can Scientific Development and Children’s Cognitive Development be the Same Process?” Philosophy of Science, Vol. 66, No. 4: 565-578 (1999).
- “Constructivism,” The Routledge Encyclopedia of Philosophy, E.Craig (Ed.). New York: Routledge: Vol. 2: 624-30 (1998).
- “Science” in The Encyclopedia of Empiricism D.Garrett & E. Barbanell (Eds.). Westport, CT: Greenwood Press: 218-24 (1997).
- “Logical Positivism and Logical Empiricism” in The Encyclopedia of Empiricism D.Garrett & E. Barbanell (Eds.). Westport, CT: Greenwood Press: 386-8 (1997).
- “Socializing Naturalized Philosophy of Science,” Philosophy of Science, Vol. 60, No. 3: 452-469 (1993).
- “Modeling Scientific Practice: Paul Thagard’s Computational Approach,” New Ideas in Psychology, Vol. 11, No. 2: 229-243 (1993).
- “The Importance of Models in Theorizing: A Deflationary Semantic Approach,” Proceedings of the Philosophy of Science Association, Vol.1, D. Hull, M. Forbes & K. Okrulik (eds.):142-153, (1992).
- “Empirical investigation of rational reconstruction?” Behavioral and Brain Sciences, Vol. 14, No. 4: 742-3 (1991).
- “STS and Philosophy” (Co-authored with Miriam Solomon, Judith Genova and Neil Thomason) in Teaching Science and Technology Studies: A Guide for Curricular Planners S. Fuller & S. Raman (Eds.) (Teaching document from the NEH Summer Institute on “Science as Culture and Practice” at Wesleyan University) (1991).
- “Herbert Simon’s Computational Models of Scientific Discovery,” Proceedings of the Philosophy of Science Association, Vol. 1, A.Fine, M.Forbes, & L.Wessels (eds.): 97-108, (1990).
- “A Philosophical Ethnography of Human-Computer Interaction,” Social Epistemology, Vol. 1, No. 1: 27-36 (1987).

Review Essays

- “Review of Maria Kronfeldner *What’s Left of Human Nature?*,” British Journal for Philosophy of Science Review of Books (2019) URL = <<http://www.thebsps.org/2019/07/downes-on-kronfeldner/>>
- “Review of David Livingstone Smith (Ed), *How Biology Shapes Philosophy: New Foundations for Naturalism*,” Evolutionary Studies in Imaginative Culture Vol 1: 149-152 (2017).
- “Reform for the evolutionary social sciences or a new theory of human nature?” Metascience, Vol. 25: 479-485 (2016).
- “No Magic Bullet Explains the Evolution of Unique Human Traits,” Biological Theory, Vol. 8, No. 1: 37-43 (2013).
- “Moving past the levels of selection debates. Review of Samir Okasha, *Evolution and the levels of selection*,” Biology and Philosophy Vol. 25: 417-423 (2009).
- “Life after Evolutionary Psychology. Review of David Buller *Adapting Minds: Evolutionary Psychology and the Persistent Quest for Human Nature*,” Metascience Vol. 16, No. 1: 1-6 (2007).
- “From philosophy of biology to social philosophy: Review of Philip Kitcher, *In Mendels’ Mirror: Philosophical Reflections on Biology*,” Biology and Philosophy Vol. 21, No. 2: 299-307 (2006).
- “Pushing Pluralism in the biology of human behaviour: A review of K. Laland and J. Brown, *Sense and Nonsense*,” Metascience Vol. 14, No. 2: 269-271 (2005).

- "Review of Paul Feyerabend, *Conquest of Abundance: A Tale of Abstraction versus the Richness of Being* and John Preston, Gonzalo Munevar and David Lamb (Eds.), *The Worst Enemy of Science? Essays in Memory of Paul Feyerabend*," Science, Technology and Human Values Vol. 27, No. 1: 160-4 (2002).
- "Review of Susan Oyama, *The Ontogeny of Information* (Second Edition)," Perspectives in Biology and Medicine 44: 464-469 (2001).
- "Getting over the science wars: Review of Noretta Koertge (Ed.), *A House Built on Sand* and Gonzalo Munevar, *Evolution and the Naked Truth*," Social Epistemology Vol. 15, No. 4: 384-387 (2001).
- "Review of Steve Fuller, *Science*," Philosophy of the Social Sciences 30: 140-5 (2000).
- "Science as it is: Review of Frederick Grinnell, *The Scientific Attitude*," Biology and Philosophy 11: 117-120 (1996).

Short Reviews, Commentaries and Short Pieces:

- "Diversifying Tenure-Line Faculty," Blog of the American Philosophical Association, <https://blog.apaonline.org/2020/07/09/diversifying-tenure-line-faculty/> (July, 2020).
- "Evolutionary Perspectives on Human Aggression: Introduction to the Special Issue" (Co-authored with Elizabeth Cashdan), Human Nature 23: 1-4 (2012).
- "Commentary on Kim Sterelny "The Evolved Apprentice," On the Human, National Humanities Center: <http://onthehuman.org/2010/08/the-evolved-apprentice/> (2010).
- "Review of Robert C. Richardson *Evolutionary Psychology as Maladapted Psychology*," Quarterly Review of Biology 84: 299 (2009).
- "The Animal Within," (with Alex Wilford) University of Utah Undergraduate Research Abstracts Journal, Vol. 6: 72 (2006).
- "Review of David Hull, *Science and Selection*," Biology and Philosophy 17: 739-742 (2002).
- "Review of Kim Sterelny, *The Evolution of Agency and Other Essays*," Philosophy of Science Vol. 69, No. 3: 538-540 (2002).
- "Review of *Consciousness and Cognition*, M. Thau," Choice 40: 483 (2002).
- "Consciousness at Center Stage: Review of Merlin Donald, *A Mind So Rare: The Evolution of Human Consciousness*," American Scientist 89: 560-562 (2001).
- "Review of *Coherence in Thought and Action*, P. Thagard," Choice 38: 1641 (2001).
- "Review of *The mind doesn't work that way*, J. Fodor," Choice 38: 1094 (2001).
- "Constructivism," Concise Routledge Encyclopedia of Philosophy, E. Craig (Ed.). New York: Routledge: 171-172 (2000).
- "Review of Jarrett Leplin, *A Novel Defense of Scientific Realism*," ISIS, Vol. 90, No. 1: 161-2 (1999).
- "Review of *A Companion to Cognitive Science*, W. Bechtel and G. Graham (Eds.)," Choice 36: 1631 (1999).
- "Review of *Harmless Naturalism*, G. Almeder," Choice 36: 330 (1998).
- "Review of *Of Two Minds*, J. Blachowicz," Choice 35: 1721 (1998).
- "Review of Peter Galison and David Stump, *The Disunity of Science*," ISIS, Vol. 88, No. 3: 517-8 (1997).
- "Review of *Reconfiguring Truth*, S. C. Ward," Choice 34: 1514 (1997).
- "Review of *The Power and Value of Philosophical Skepticism*, J.P. Whitman," Choice 34: 809-810 (1997).
- "Review of *Without Good Reason: The Rationality Debate in Philosophy and Cognitive Science*, E. Stein," Choice 33: 1809-1810 (1996).
- "Review of *Knowledge Puzzles: An Introduction to Epistemology*, S. Hetherington," Choice 33: 1808 (1996).
- "Review of *The Reasonableness of Reasons*, B. W. Hauptli," Choice 33: 165-57 (1996)
- "Review of *Naturalizing the Mind*, F. Dretske," Choice 33: 962 (1996).

- "Review of *Existential Cognition: computational minds in the world*, R. McClamrock," Choice 33: 308 (1995).
- "Review of *Pragmatism: An Open Question*, H. Putnam," Choice 33: 140-141 (1995).
- "Review of Dirk Stermerding, *Plants, Animals and Formulae: Natural History in the Light of Latour's Science in Action and Foucault's The Order of Things*," History and Philosophy of the Life Sciences, 16: 395-6 (1994).
- "Review of Michael Gorman, *Simulating Science*," ISIS, Vol. 85, No. 1: 195-197 (1994).
- "Review of *Socializing Epistemology*, F. Schmitt (Ed)," Choice 23: 1465 (1994).
- "Workshop Report: Second International Workshop on Human and Machine Cognition" (with Eric Dietrich), AI Magazine, Vol. 14, No. 3: 17-20 (1992).
- "Review of Steve Woolgar, *Science: The Very Idea*," Explorations in Knowledge, Vol. VII, No. 4 (1990): 50-53.
- "Review of Rainer Born (ed.), *Artificial Intelligence: The Case Against*," Explorations in Knowledge, Vol. VI, No. 1: 73 (1989).
- "Reply to Harry Redner on 'Pathologies of Science'," Social Epistemology, Vol. 1, No. 3: 259-261 (1987).

Selected Presentations

- "Human Behavior Genetics and Human Evolution," Philosophy and Biology Shop Talks, Greensboro, North Carolina, June 2024.
- "Towards a pluralist aesthetics of sport," (with Dustin Stokes) Pacific Division American Philosophical Association (Group meeting American Society for Aesthetics), Portland, Oregon, March 2024.
- "Alternate Understandings of Genetic Causation," International Society for the History, Philosophy and Social Studies of Biology Meeting, Toronto, Canada, July 2023.
- "Exploring Geneticists' Alternate Understandings of Causation," PhilInBioMed, Cambridge University, UK, May 2023.
- "More Trouble for Biological Approaches to Human Nature," 6th Annual Workshop on Agency in the Mountains, Brighton, Utah, March 2023.
- "WEIRDness, Worms and Biological Approaches to Human Nature," Central Division American Philosophical Association Meeting, Denver, Colorado, February 2023.
- "Values and Epidemiological Modeling: A case study of Covid-19 modeling in Utah in 2020," 10th Annual Values in Medicine, Science, and Technology Conference at The Center for Values in Medicine, Science, and Technology, University of Texas at Dallas Richardson, Texas, USA May 2022.
- "Joint agency and the uniquely-human-cooperation hypothesis," (with Patrick Forber) Philosophy of Science Association, Biennial Meeting, Baltimore, November 2021.
- "Genetic Causation," International Society for the History, Philosophy and Social Studies of Biology Meeting, Woods Hole, MA (via Zoom), July 2021.
- "Genetic Causation," Department of Philosophy and Religious Studies, Marist College, New York (via Zoom), May 2021.
- "A History of the Heritability Coefficient Applied to Humans," Department of History and Philosophy of Science and Medicine, Indiana University, Bloomington (via Zoom), March 2021.
- "Why we should care about Genome Wide Association Studies," POBAMz (Zoom Conference), Salt Lake City Utah, June 2020.
- "Puzzles about scientific representation," 4th Annual Workshop on Agency in the Mountains, Brighton, Utah, February 2020.
- "Joint agency and the uniquely-human-cooperation hypothesis," (with Patrick Forber) 3rd Annual Workshop on Agency in the Mountains, Copper Mountain, Colorado, February 2019.

- “Tens of Thousands of Associations but No Causal Mechanisms Revealed: Mismatches between GWAS and Developmental Molecular Biology,” Philosophy of Science Association, Biennial Meeting, Seattle, November 2018.
- “Tens of Thousands of Associations but No Causal Mechanisms Revealed: Mismatches between GWAS and Developmental Molecular Biology,” Behavior Genetics Association Meeting, Boston, June 2018.
- “Philosophy as modeling,” 2nd Annual Workshop on Agency in the Mountains, Brighton, Utah, February 2018.
- “Is there a gene for language,” Washington University, St. Louis, April 2017.
- “Budgie Grammar, FoxP2 and Human Linguistic Uniqueness,” Evolution of Language Workshop, Australian National University, August 2016.
- “What is Missing Heritability?” PBDB 10, Moruya, NSW, Australia, August 2016.
- “Response to Gillian Barker Beyond Biofatalism: Human Nature for an Evolving World,” Pacific Division American Philosophical Association Meeting, San Francisco, March-April 2016.
- “Assessing the evolutionary challenges to human nature,” IV Colombian Conference on Logic, Epistemology and Philosophy of Science, Bogota, Colombia, February 2016.
- “Understanding the evolutionary challenges to human nature,” Why We Disagree About Human Nature, University of Cambridge, UK, December 2015.
- “Causation in Evolutionary Anthropology,” International Society for the History, Philosophy and Social Studies of Biology Meeting, Montreal, July 2015.
- “Confronting Variation in the Social and Behavioral Sciences,” Philosophy of Science Association Meeting, Chicago, November 2014.
- “Hormones, Evolution and Explanation,” Logic and Philosophy of Science Department, University of California, Irvine, May 2014.
- “Productive social and behavioral science does not require a concept of human nature,” Philosophy Department, Florida International University, February 2014.
- “Gene regulation, gene regulation models and explanation,” Philosophy Department, Texas A&M University, November 2013.
- “Explanatory Appeals to Hormones in Evolutionary Anthropology,” International Society for the History, Philosophy and Social Studies of Biology Meeting, Montpellier, July 2013.
- “Can productive inquiry into human behavior be pursued without a concept of human nature?” Philosophy Department, University of Pennsylvania, May 2013.
- “Response to Jesse Prinz, *Beyond Human Nature: How culture and experience shape the human mind*. New York: W.W. Norton (2012).” Central Division American Philosophical Association Meeting, New Orleans, February 2013.
- “How much work do scientific images do,” School of Philosophy, Australian National University, July 2012.
- “Response to Kim Sterelny’s The Evolved Apprentice,” Australasian Association of Philosophy Meeting, Wollongong, NSW, July 2012.
- “Naturalism, Information and Modeling: Response to Brian Skyrms Signals: Evolution, Learning and Information,” APA Pacific Division Meeting, San Diego, CA, April 2011.

Selected Short Presentations:

- “Alternate Understandings of Genetic Causation” (Short version) University of Michigan Workshop on Genetics for Social Scientists, August 2023 (via Zoom).
- “Implications of Alternate Understandings of Genetic Causation” (with Hannah Allen and Bennett Knox). Poster presentation at NHGRI, Salt Lake City, UT, April 2023.
- “Do microbes have SNPs?” POBAMA, Westfield, North Carolina, August 2022.

- “Hiring in Philosophy” presented in the APA Committee Session: Diversity in Philosophy Departments, American Philosophical Association, Pacific Division Meeting, Vancouver, CA, April 2019.
- Commentary on Mikio Akagi “Characterizing Cognition: Moving Beyond the Mark of the Cognitive,” Society for Philosophy and Psychology Meeting, Durham, North Carolina, June 2015.
- Commentary on Adam Hochman “The phylogeny fallacy and the ontogeny fallacy,” Australasian Association for Philosophy Meeting, Wollongong, NSW, July 2012.
- Commentary on Tamler Sommers “Moral Responsibility and Human Diversity,” Society for Philosophy and Psychology Meeting, Lewis and Clark College, Portland, Oregon, June 2010.
- Commentary on Graciela Kuechle and Diego Rios “The Baldwin Effect Reconsidered: A Game Theoretic Analysis,” American Philosophical Association, Pacific Division Meeting, April 2010.

Teaching

Courses Taught:

Undergraduate Courses: Introduction to Philosophy of Science; History of Science; Introduction to Epistemology; Introduction to Philosophy of Mind; Introduction to Philosophy; Philosophy of Mind; Philosophy of Social Science; History and Philosophy of Science; Probability and Induction; Philosophy of Biology; Pragmatism; Philosophy of Cognitive Science (Also taught as an Honors course.); Philosophy of Science; Science and Society (Also taught as an Honors course.); Inductive Logic; Reasoning and Rational Decision Making; Philosophy of Sport.

Graduate Courses: Genetic Causation; Modeling in the Sciences; Philosophy of Science; Philosophy and Sociology of Science; Pragmatism; Social Epistemology; Mind and Evolution; Innateness; Philosophy Proseminar; Philosophy of Biology; Cognitive Science: Attention.

Graduate Student Supervision:

Advisor:

Landon McBrayer, “On Naturalism,” Ph.D. Dissertation, May 2015

Chris Jenson, “Abandoning Belief: A New Eliminativist Argument,” Ph.D. Dissertation, July 2013.

Monika Piotrowska, “Part-Humans: How Human Are They and Does it Matter,” Ph.D. Dissertation, June 2011.

Luke Glowacki, Non-thesis Masters Degree, May 2008.

Austin Booth, “An Evaluation of the Tracking Argument,” Masters Thesis, May 2004.

Rebekah Miner, “Scientific Free Inquiry and John Stuart Mill,” Masters Thesis, May 2001.

Christine Grammes, “Are Mental Illnesses Really Illnesses?” Ph.D. Dissertation, October 1998.

Susan Parry, “Rationality, Competence and Informed Consent,” Masters Thesis, June 1997.

Christopher Curcio, “Rationality and Supervenience,” Masters Thesis, May 1997.

Committee member or Outside Examiner:

Drew Ruble Ph.D.; Lida Sarafrazarpatapeh Ph.D.; Heber Sorianogomez Ph.D.; Lachlan Walmsley Ph.D.

(Australian National University); Nicholas Harrison, Ph.D.; Daniel Molter, Ph.D.; Lucas Matthews, Ph.D.; Mike Wilson, Ph.D.; Jack Anderson Ph.D.; Cinnamon Wuthridge, Ph.D.; Rachael Brown Ph.D. (Australian National University); John Matthewson Ph.D. (Australian National University); Mike Herman, Ph.D.; Ben Jeffares, Ph.D. (Australian National University); Quentin Mons, Masters; Amy Barnes, Masters; Matt Katz, Masters.

Professional Service

Editing:

Editorial Board Member for Philosophy of Science (From August 2013) and Biology and Philosophy (From July 2017).

Associate Editor, Philosophy of Science (August 2010 - August 2013).

Editorial Consultant, Social Epistemology (1990-2000).

Editor, Social Epistemology, Vol. 4, No. 2, special issue on Computationalism.

Assistant Editor, Social Epistemology (1986-90).

Refereeing:

Committee Member 2021 Philosophy of Science Association Meeting Poster Program (refereed poster submissions).

Committee Member 2020 Philosophy of Science Association Meeting Poster Program (refereed poster submissions).

Program Committee Chair for the 2010 Philosophy of Science Association Meeting (oversees refereeing of all submissions for conference presentation).

Program committee member for the Philosophy of Science Association Meetings Oct. 2000 (refereed a selection of submissions).

Referee of articles for Biology and Philosophy; Philosophy of Science; Philosophical Studies; Philosophy of the Social Sciences; British Journal for the Philosophy of Science; International Studies in the Philosophy of Science; Philosophical Psychology; Journal of Behavioral Decision Making; Synthese; Studies in History and Philosophy of Science; Studies in History and Philosophy of Science B; Human Nature, Topoi.

Referee of book manuscripts for S.U.N.Y. Press; University of Chicago Press; Oxford University Press; Routledge; Cambridge University Press; MIT Press; Blackwell.

Referee of grant proposals for the National Science Foundation and the European Research Council.

Conference Organization:

Program Committee Chair for the 2010 Philosophy of Science Association Meeting, Montreal, Canada, Nov 4th to 6th 2010.

Co-organizer (with Elizabeth Cashdan and David Carrier) of The Evolution of Human Aggression: Lessons for Today's Conflicts, The Barbara L. and Norman C. Tanner Center for Nonviolent Human Rights Advocacy Center Annual Conference at the University of Utah, February 25th to 27th 2009.

Co-organizer (with Dom Lopez) of an APA Mini-conference on Scientific Images at the Pacific APA Meeting, Portland, March 2006.

Organizer of the Twelfth Annual Philosophy Department Colloquium on Neuroscience and Moral Psychology held at the University of Utah Feb 9th to 11th 2006.

Program Committee member for the Philosophy of Science Association Meetings Oct. 2000.

Organizer of the Fifth Annual Philosophy Department Colloquium on Human Nature held at the University of Utah February 11th-13th 1999.

Organizer of the First Annual Philosophy Department Colloquium on Social Epistemology held at the University of Utah January 26th- 27th 1995.

University of Utah Service:

College of Humanities RPT committee (2019-2022)

Search Committee Member: College of Humanities Dean Search (2017-2018)

College of Humanities Road Map Committee (2016-2017)
 S4 Working Group (2014-15) (Sub-Committee Chair in this group 2015)
 Senior Vice President's Working Scheduling Group (2014)
 Department Chair, Philosophy (2009-2015).
 University Research Committee (2007-2009).
 University Promotions and Tenure Appeals Committee (2007-2009).
 Dean of Humanities Ad Hoc Committee on Curriculum Development (2007-2008).
 Social and Behavioral Sciences Committee for General Education (2005-2008).
 Ramona Cannon Teaching Award Committee (2001-2005 (Chair 2002 and 2004)).
 Senate Academic Freedom and Tenure Committee (2003-7).
 College of Humanities RPT Committee (2003-5).
 Board Member for the Utah Symposium in Science and Literature (2001-4).
 Steffenson Cannon Awards Committee (2002).
 Selected for the University of Utah Faculty Leadership Seminar, attended 2001-2.
 Quantitative Intensive Committee for General Education (2000-1).
 Elected to University Senate 2000; served 2000-1.
 Member of President's Task Force on RPT Procedures Dec 1999 to Spring 2004.
 Member Physical and Life Sciences Area Committee for General Education, served Jan 1997-Jun 2000.
 University Committee on the Tanner Lectures on Human Values (1996-00).
 Elected to University Academic Senate; served 1996-9.
 College of Humanities Faculty Development Committee (1994-6; Chair 1995-6).
 Advisor for the interdisciplinary Minor in Cognitive Science administered by the Philosophy Department (1996 to 2010).
 Member GENESIS Core of the Utah Human Genome Project (1994-8).
 Member Dean of Humanities Ad Hoc Committee on the Future of Humanities at University of Utah (1993).

Department of Philosophy Service:

Department Chair, 2009 to 2015.
 Associate Department Chair 2003 to 2009.
 Served on RPT, Graduate, Curriculum, Recruitment, Personnel, Library, Budget, Enrichment Committees, Development and many Ph.D. Comprehensive Exam Committees.

Professional Societies:

American Philosophical Association.
 International Society for the History, Philosophy and Social Studies of Biology.
 Philosophy of Science Association.
 Society for Philosophy and Psychology.