

Matthew J. Brown

Center for Dewey Studies
School of History & Philosophy
College of Liberal Arts
Southern Illinois University

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Employment History – Principal Positions

Southern Illinois University – School of History & Philosophy

Jo Ann & Donald N. Boydston Chair of American Philosophy (tenured), 2022–present

Director, Center for Dewey Studies, 2022–present

The University of Texas at Dallas – School of Arts & Humanities

Professor of Philosophy (tenured), 2020–2022

Director, Center for Values in Medicine, Science, and Technology, 2011–2022

Program Coordinator, History and Philosophy, 2019–2022

Program Head, B.A. in Philosophy, 2017–2022

Associate Professor of Philosophy (tenured), 2015–2020

Assistant Professor of Philosophy, 2009–2015

University of California, San Diego

Instructor, Department of Philosophy, Summer–Fall 2008

Employment History – Concurrent Temporary, Visiting, Consultantship Positions

University of Pittsburgh

Visiting Fellow, Center for Philosophy of Science, 2016–2017

University of Waterloo

Adjunct Associate Professor, Department of Philosophy, 2016–2019

Educational History

University of California, San Diego 2003–2009

Ph.D. in Philosophy, June 2009

Dissertation: *Science and Experience: A Deweyan Philosophy of Science*

Advisors: Paul Churchland, Nancy Cartwright

M.A. in Philosophy, June 2006

Georgia Institute of Technology 1999–2003

B.S., School of Physics, Highest Honors, May 2003

Achievements in original investigation

Books authored

1. Matthew J. Brown. *Science and Moral Imagination: A New Ideal for Values in Science*. Pittsburgh: University of Pittsburgh Press, 2020

Books and Journal Issues co-edited

2. Matthew J. Brown, Randy Duncan, and Matthew J. Smith (eds.). *More Critical Approaches to Comics: Theories and Methods*. New York: Routledge, 2020
3. Matthew J. Brown and Ian James Kidd. *Reappraising Feyerabend*, vol. 57, Special Issue of *Studies in History and Philosophy of Science A*. 2016

Peer Reviewed Journal Articles

4. Matthew J. Brown. "Mary Parker Follett as Integrative Public Philosopher." *Hypatia* 36(2):425–436, 2021
5. Matthew J. Brown. "Reply by the Author." *Studies in History and Philosophy of Science Part A* 89:301–303, 2021
6. Magdalena G. Grohman, Nicholas Gans, Eun Ah Lee, Marco Tacca, and Matthew J. Brown. "Engineering Ethics as an Expert-Guided and Socially-Situated Activity." *Advances in Engineering Education* 8(3):1–16, 2020
7. Eun Ah Lee, Nicholas Gans, Magdalena Grohman, Marco Tacca, and Matthew J. Brown. "Guiding Engineering Student Teams' Ethics Discussions with Peer Advising." *Science and Engineering Ethics* 26:1743–1769, 2020
8. Eun Ah Lee, Nicholas Gans, Magdalena Grohman, and Matthew J. Brown. "Ethics as a Rare Bird: A Challenge for Situated Studies of Ethics in the Engineering Lab." *Journal of Responsible Innovation* 6(3):284–304, 2019
9. Matthew J. Brown. "Weaving Value Judgment into the Tapestry of Science." *Philosophy, Theory, and Practice in Biology* 10(10), 2018
10. Eun Ah Lee and Matthew J. Brown. "Connecting Inquiry and Values in Science Education: An Approach based on John Dewey's Philosophy." *Science & Education* 27(1-2):63–79, 2018
11. Joyce C. Havstad and Matthew J. Brown. "Neutrality, Relevance, Prescription, and the IPCC." *Public Affairs Quarterly* 31(4):303–324, 2017
12. Matthew J. Brown and Joyce C. Havstad. "The Disconnect Problem, Scientific Authority, and Climate Policy." *Perspectives on Science* 25(1):67–94, 2017
13. Eun Ah Lee, Magdalena Grohman, Nicholas Gans, Marco Tacca, and Matthew J. Brown. "The Roles of Implicit Understanding of Engineering Ethics in Student Teams' Discussion." *Science and Engineering Ethics* 23(6):1755–1774, 2017
14. Matthew J. Brown. "Love Slaves and Wonder Women: Radical Feminism and Social Reform in the Psychology of William Moulton Marston." *Feminist Philosophy Quarterly* 2(1):Article 1, 2016
15. Matthew J. Brown. "The abundant world: Paul Feyerabend's metaphysics of science." *Reappraising Feyerabend*, Special issue of *Studies in History and Philosophy of Science A* 57:142–154, 2016
16. Matthew J. Brown. "The Functional Complexity of Scientific Evidence." *Metaphilosophy* 46(1):65–83, 2015
17. Matthew J. Brown. "John Dewey's Pragmatist Alternative to the Belief-Acceptance Dichotomy." *Studies in History and Philosophy of Science A* 53:62–70, 2015
18. Matthew J. Brown. "Quantum Frames." *Studies in History and Philosophy of Modern Physics* 45:1–10, 2014
19. Matthew J. Brown. "Values in Science beyond Underdetermination and Inductive Risk." *Philosophy of Science* 80(5):829–839, 2013
20. Matthew J. Brown. "The Democratic Control of the Scientific Control of Democracy." In *EPSA11 Perspectives and Foundational Problems in Philosophy of Science*, edited by Dennis Dieks and Vassilios Karakostas, pp. 479–92. Dordrecht: Springer, 2013
21. Matthew J. Brown. "The Source and Status of Values in Socially Responsible Science." *Philosophical Studies* 163(1):67–76, 2013
22. Matthew J. Brown. "John Dewey's Logic of Science." *HOPOS: The Journal of the International Society for the History of Philosophy of Science* 2(2):258–306, 2012
23. Matthew J. Brown. "Science as Socially Distributed Cognition: Bridging Philosophy and Sociology of Science." In *Foundations of the Formal Sciences VII: Bringing together*

- Philosophy and Sociology of Science*, edited by Karen François, Benedikt Löwe, Thomas Müller, and Bart van Kerkhove, vol. 32 of *Studies in Logic*. London: College Publications, 2011
24. Matthew J. Brown. “Genuine Problems and the Significance of Science.” *Contemporary Pragmatism* 7(2):131–153, 2010
 25. Matthew J. Brown. “Models and perspectives on stage: remarks on Giere’s Scientific perspectivism.” *Studies In History and Philosophy of Science Part A* 40(2):213–220, 2009
 26. Matthew J. Brown. “Relational Quantum Mechanics and the Determinacy Problem.” *The British Journal for the Philosophy of Science* 60(4):679, 2009

Peer Reviewed Book Chapters and Conference Proceedings

27. Magdalena G. Grohman, Matthew J. Brown, and Eun Ah Lee. “Ethical Reflection as a Part of Creative Problem-solving.” In *Creativity & Innovation: Theory, Research, and Practice*, edited by Jonathan A. Plucker, pp. 285–293. New York: Routledge, second edn., 2022
28. Matthew J. Brown. “The Descriptive, the Normative, and the Entanglement of Values in Science.” In *Science, Values, and Democracy: The 2016 Descartes Lectures by Heather Douglas*, pp. 51–65. Consortium for Science, Policy & Outcomes, Arizona State University, 2021
29. Matthew J. Brown. “Against Expertise: A Lesson from Feyerabend’s *Science in a Free Society?*” In *Interpreting Feyerabend: Critical Essays*, edited by Karim Bschrir and Jamie Shaw, chap. 10, pp. 191–212. Cambridge: Cambridge University Press, 2021
30. Matthew J. Brown. “Pluralism and Perspectivism in the American Pragmatist Tradition.” In *Knowledge from a Human Point of View*, edited by Ana-Maria Crețu and Michela Massimi, vol. 416 of *Synthese Library, Studies in Epistemology, Logic, Methodology, and Philosophy of Science*, chap. 3, pp. 37–56. Springer, 2020
31. Matthew J. Brown. “Scientific Humanities: The Scientific Origins of *Wonder Woman*.” In *More Critical Approaches to Comics: Theories and Methods*, edited by Matthew J. Brown, Randy Duncan, and Matthew J. Smith, pp. 261–274. New York: Routledge, 2020
32. Matthew J. Brown. “Is Science Really Value Free and Objective? From Objectivity to Scientific Integrity.” In *What is Scientific Knowledge? An Introduction to Contemporary Epistemology of Science*, edited by Kevin McCain and Kostas Kampourakis. Routledge, 2019
33. Matthew J. Brown. “Values in Science: Against Epistemic Priority.” In *Current Controversies in Values and Science*, edited by Kevin C. Elliott and Daniel Steel, pp. 64–78. New York: Routledge, 2017
34. Joyce C. Havstad and Matthew J. Brown. “Inductive Risk, Deferred Decisions, and Climate Science Advising.” In *Exploring Inductive Risk*, edited by Ted Richards and Kevin Elliott, pp. 101–123. Oxford University Press, 2017
35. Eun Ah Lee, Nicholas Gans, Magdalena Grohman, Marco Tacca, and Matthew J. Brown. “Exploring Implicit Understanding of Engineering Ethics in Student Teams.” In *Proceedings of the 122nd American Society for Engineering Education Conference & Exposition*. 2015.
36. Matthew J. Brown. “Science, Values, and Democracy in the Global Climate Change Debate.” In *Philosophical Pragmatism and International Relations: Essays for a Bold New World*, edited by Shane J. Ralston. Lanham, MD: Lexington Books, 2013
37. Matthew J. Brown. “Picky Eating is a Moral Failing.” In *Food & Philosophy: Eat, Think, and Be Merry*, edited by Fritz Allhoff and Dave Monroe. Blackwell, 2007

Unrefereed publications

38. Matthew J. Brown and Ian James Kidd. “Introduction: Reappraising Paul Feyerabend.” *Reappraising Feyerabend*, Special issue of *Studies in History and Philosophy of Science A* 57:1–8, 2016

39. Matthew J. Brown. “A Critical Appreciation of Ronald N. Giere’s ‘Distributed Cognition without Distributed Knowing’.” *Social Epistemology Review and Reply Collective* 4(6):45–51, 2015.

Book Reviews

40. Matthew J. Brown. “Review: *Heretics! The Wondrous (and Dangerous) Beginnings of Modern Philosophy*.” *The Philosophers’ Magazine* 80(1):111–113, 2018
41. Matthew J. Brown. “Review: *The Ages of Wonder Woman: Essays on the Amazon Princess in Changing Times*.” *SFRA Review* 318:20–21, 2016
42. Matthew J. Brown. “A rickety bridge between the two cultures.” *Metascience* 25(2):305–308, 2016
43. Matthew J. Brown, Erik Jensen, Nathan King, and Jeremy Prince. “Review: *The Cambridge Companion to Dewey*, ed. Molly Cochran.” *Mind, Culture, and Activity* 21(2):175–178, 2014
44. Matthew J. Brown. “Review: John Wright’s *Explaining Science’s Success: Understanding How Scientific Knowledge Works*.” *Notre Dame Philosophical Reviews* 20 August, 2013
45. Matthew J. Brown. “Review: Philip Kitcher, *Science in a Democratic Society*.” *Notre Dame Philosophical Reviews* 7 March, 2012
46. Matthew J. Brown. “Review: *A Companion to Pragmatism*, ed. John R. Shook and Joseph Margolis.” *The Pluralist* 6(2):101–103, 2011
47. Matthew J. Brown. “Review of Mark B. Brown’s *Science in Democracy: Expertise, Institutions, and Representation*.” *Isis* 101(3):686–687, 2010
48. Matthew J. Brown. “Good News from Analytic Philosophy! Review of *Anti-Individualism* by Sanford Goldberg.” *Mind, Culture, and Activity* 17(3):293–294, 2010
49. Matthew J. Brown. “On What Quine Is, Review of *The Cambridge Companion to Quine*, ed. Roger F. Gibson, Jr.” *Mind, Culture, and Activity* 13(4):339–343, 2006

Other writings

50. Magdalena G. Grohman, Nicholas Gans, Eun Ah Lee, Marco Tacca, and Matthew J. Brown. “Advances from AEE: Teamwork Makes the Ethics Work.” *ASEE Prism* 30(4):43–43, 2021
51. Matthew J. Brown and Justin Goodwin. “Allocating Medical Resources in the Time of Covid-19 (Letter to the Editor).” *New England Journal of Medicine* 382(22):e79, 2020
52. Matthew J. Brown, “The computer code to make a 3D printed gun is not speech and it’s not a weapon, so what is it?” (Op-Ed) *Dallas Morning News*, August 6, 2018.
<https://www.dallasnews.com/opinion/commentary/2018/08/06/computer-code-make-gun-not-speech-not-weapon>

Academic Talks & Presentations

Invited

1. 24 February 2022, “Trust, Expertise, and Scientific Authority in a Democracy,” Charles S. Peirce Society Group Session on *Pragmatist Perspectives on Trust in Science*, American Philosophical Association Central Division. — *Not given due to flight cancellation*.
2. 18 February 2022, “Trust, Expertise, and Scientific Authority in a Democracy,” Socially Engaged Philosophy of Science talk, Michigan State University.
3. 25 February 2021, “*Science and Moral Imagination* in Science and Ethics Education,” Association for Philosophy of Education Session on *Values and Science Education* (all talks focused on lessons from my book), American Philosophical Association Central Division.
4. 22 February 2021, “Climate Change, Moral Imagination, and Existential Risk,” *Virtual workshop on Values, Choices and Uncertainties in Climate Modelling*, Stockholm University and Royal Institute of Technology, Sweden.

5. 7 November 2020, “The Pragmatic and the Religious Function of Science,” *Science and Humanism Conference*, University of Miami.
6. 17 April 2020, Author meets Critics on *Science and Moral Imagination* with Joyce Havstad, Nancy McHugh, and Sarah Wieten, *Doing Science in a Pluralistic Society*, University of Dayton
7. 21 September 2019, “Science and Imagination in an Abundant World: Feyerabend’s Open Epistemology,” *Open Epistemologies: Mach, Bachelard, Feyerabend*, Centre for Philosophy of Science, University of Lisbon, Portugal.
8. 9 July 2019, “Expert Authority and Autonomy: Epistemic Anarchism or Strong Accountability,” *Science, Freedom, and Democracy*, Institute of Philosophy, Hungarian Academy of Sciences, Budapest.
9. 9 May 2019, “Moral Imagination and Responsible Conduct of Research,” *Engaging with Science, Values, and Society*, Workshop at the University of Alberta.
10. 26 April 2019, “Responsible Imagination in Science and the Demands of Forethought” (with Heather Douglas), Seminar hosted and sponsored by the Department of Science, Technology, and Society and sponsored by the Department of Philosophy at Virginia Tech.
11. 15 March 2019, “Mary Parker Follett as Model Public Philosopher,” Public Philosophy Network Session, *Society for the Advancement of American Philosophy*, Columbus, OH
12. 14 December 2018, “Pluralism, Realism, and Perspectivism in the American Pragmatist Tradition,” *Knowledge from a Human Point of View* University of Edinburgh, Edinburgh, Scotland, UK
13. 19 October 2018, “Science and Moral Imagination: Towards a New Ideal for Values in Science,” *Philosophy Lecture Series*, Texas A&M University–Commerce
14. 22 February 2018, “Weaving Value Judgment into the Tapestry of Science,” *American Philosophical Association – Central Division*, SRPoiSE Group Session, Chicago, IL
15. 22 April 2017, “A Pragmatist Logic of Scientific Practice,” *Philosophy of Science: The Pragmatic Alternative*, Center for Philosophy of Science, The University of Pittsburgh
16. 6 April 2017, “Science and Moral Imagination: Towards a New Ideal for Values in Science,” *Philosophy Department Colloquium*, Oakland University
17. 27 February 2017, “Science and Moral Imagination: Towards a New Ideal for Values in Science,” *Science Studies Colloquium*, University of California, San Diego
18. 26 September 2016, “Science and Moral Imagination: Towards a New Ideal for Values in Science,” Center for Science Studies, University of Aarhus, Denmark
19. 5-7 September 2016, “Values in Science: From Objectivity to Moral Imagination” *René Descartes Lectures & Workshop on Science, Values, and Democracy*, Tilburg University, The Netherlands
20. 5-7 September 2016, “Commentary on Douglas, ‘Science and Values: The Pervasive Entanglement’” *René Descartes Lectures & Workshop on Science, Values, and Democracy*, Tilburg University, The Netherlands
21. 5 February 2016, “Values in Science: Against Epistemic Priority,” Michigan State University
22. 16 April 2014, “Engineering Ethics as a Socially Situated and Expert Guided Activity” (w/ Eun Ah Lee, Magda Grohman, Nicholas Gans, & Marco Tacca) *Distributed Cognition and Human-Computer Interaction Laboratory* - University of California, San Diego
23. 6-7 June 2013, “John Dewey, the Attitude of Judgment, and Values in Science,” *Cognitive Attitudes and Values in Science* - Notre Dame University
24. 26 April 2013, “Radical Feminism and Social Reform in the Psychology of William Moulton Marston,” Colloquium, Department of the History of Science - The University of Oklahoma
25. 20-23 February 2013, “The Unity of Science and Politics: Themes from Dewey and Neurath” Symposium on *Philosophy of Science and Political Engagement*, American Philosophical

- Association – Central Division, New Orleans, LA
26. 28 September 2012, “Science and Democracy in a Precarious World,” *Feyerabend 2012* - Humboldt-Universität zu Berlin
 27. 13 June 2012, “Values in Science beyond Underdetermination and Inductive Risk,” *Social Relevance of Philosophy of Science* - Zentrum für interdisziplinäre Forschung (Center for Interdisciplinary Research), Bielefeld University
 28. 6 April 2012, “The Source and Status of Values in Socially Responsible Science,” Author Meets Critics Session on Janet Kourany’s *Philosophy of Science After Feminism* - American Philosophical Association (Pacific Division)
 29. 31 March 2012, “Quine is Not a (Deweyan) Pragmatist,” *Pragmatism in the Philosophy of Science Conference* - University of San Francisco
 30. 10 February 2012, “Values in Science beyond Underdetermination and Inductive Risk,” Colloquium, University of Texas at Arlington Philosophy Department
 31. 15 July 2010, “Radical Feminism and Social Reform in the Psychology of William Moulton Marston,” UT-Arlington Summer Seminar on *Mind, Cognition, and Neuroethics*
 32. 7 June 2007, “Relational Quantum Mechanics and the Determinacy Problem” *Oxford Philosophy of Physics Workgroup*
 33. 18 April 2007, “Models and Perspectives on Stage: Remarks on Giere’s *Scientific Perspectivism*,” Zentrale Einrichtung für Wissenschaftsphilosophie und Wissenschaftsethik (Center for Philosophy and Ethics of Science), Leibniz Universität Hannover

Refereed

34. 20-23 June 2022, “Four Traditions in the History of Values in Science,” *HOPOS 2022: International Society for the History of Philosophy of Science Biennial Meeting*, University of California, Irvine.
35. 1 April 2022, “Political Legitimacy and Scientific Authority,” *Values in Science and Political Philosophy* conference, Claremont McKenna College
36. 2 September 2021, “Scaffolding in the Research Lab: A Strategy That Enriches Learning in Research Experience,” European Science Education Research Association (ESERA) Conference 2021, University of Minho, Braga, Portugal (with Eun Ah Lee, Magdalena Grohman, Nicholas Gans, and Ann Majewicz Fey)
37. 22-24 June 2021, “The Formation of Engineers in the Research Lab: A Cognitive Ethnographic Study,” ISEC-STEM Conference, Singapore (with Eun Ah Lee, Magdalena Grohman, Nicholas Gans, and Ann Majewicz Fey)
38. 7 April 2021, “From On-Site to Online: The Challenge of Continuing Participant Observation in the Engineering Research Lab during the COVID-19 Pandemic,” Society for Psychological Anthropology Biennial Meeting 2021 (with Eun Ah Lee, Magdalena Grohman, Nicholas Gans, and Ann Majewicz Fey)
39. 12 April 2019, “John Dewey on Social Science and Social Problems,” *Philosophy of Social Science Roundtable*, University of Vermont, Burlington, VT
40. 2 November 2018, “Moral Imagination as Individual and Social Ideal for Values in Science,” *Philosophy of Science Association* Seattle, WA
41. 9-12 July 2018, “John Dewey on Values in Science: Four Theses” *HOPOS 2018: International Society for the History of Philosophy of Science Biennial Meeting*, University of Groningen, the Netherlands
42. 4-6 June 2018, “Science and Moral Imagination: Towards a New Ideal for Values in Science,” *The Consortium for Socially Relevant Philosophy of/in Science and Engineering (SRPoiSE), Fourth Meeting*, Historic Academy of Medicine at the Georgia Institute of Technology

43. 28 October 2017, "The Holloway-Bryne-Marston Feminist-Scientific Critique of Freud" *Society for U.S. Intellectual History*, Dallas, TX
44. 31 March 2017, "Pluralism, Realism, and Values in Scientific Metaphysics," *Scientific Knowledge Under Pluralism*, Center for Philosophy of Science, The University of Pittsburgh
45. 3-5 November 2016, "Values in Science: Pragmatism and the Problem of Wishful Thinking," *The Philosophy of Science Association*, Atlanta, GA
46. 22-25 June 2016, "John Dewey on Causation and Laws of Nature," *HOPOS 2016: International Society for the History of Philosophy of Science Biennial Meeting*, Minnesota Center for Philosophy of Science
47. 17-19 June 2016, "Inductive Risk, Wishful Thinking, And Practical Reason," *The Society for Philosophy of Science in Practice*, Rowan University, Glassboro, NJ
48. 19-22 May 2016, "'It's Up to the Managers': The Deferral of Responsibility in Engineers' Discussion of Ethics" (with Kenneth Huynh, Eun Ah Lee, Magda Grohman, Marco Tacca, & Nicholas Gans), *Socially Relevant Philosophy of/in Science and Engineering / Values in Medicine, Science, and Technology Conference*, UT Dallas
49. 13-14 May 2016, "Cognitive Ethnography of Engineering Ethics" (with Eun Ah Lee, Magda Grohman, and Nicholas Gans) *IEEE ETHICS Symposium*, Vancouver, BC, Canada
50. 25-27 April 2016, "John Dewey on Values in Science: Four Theses," *Science and Values in Peirce and Dewey*, University of Waterloo
51. 30 Mar-3 Apr 2016, "Kohn Dewey was First and Foremost a Philosophy of Science" *American Philosophical Association (Pacific Division)*, SAAP Group Session, San Francisco, CA
52. 3-5 March 2016, "John Dewey was First and Foremost a Philosophy of Science" *Society for the Advancement of American Philosophy*, Portland, OR
53. 17-19 September 2015, "Silicon in August: In search of a usable past for alternative digital futures" (with Andrew Famiglietti), *Digital Frontiers*, UT Dallas
54. 14-17 June 2015, "Exploring Implicit Understanding of Engineering Ethics in Student Teams" (with Eun Ah Lee, Magda Grohman, Nicholas Gans, & Marco Tacca) *American Society for Engineering Education*, Seattle, WA
55. 27-28 March 2015, "Values in Science: Pragmatism and the Problem of Wishful Thinking," *Socially Relevant Philosophy of/in Science and Engineering*, Detroit, MI
56. 27-28 March 2015, "Exploring Implicit Understanding of Engineering Ethics in Student Teams" (with Eun Ah Lee, Magda Grohman, Nicholas Gans, & Marco Tacca) *Socially Relevant Philosophy of/in Science and Engineering*, Detroit, MI
57. 6-9 November 2014, "The Disconnect Problem in Science and Policy" (with Joyce C. Havstad) *Philosophy of Science Association - Chicago*, IL
58. 11 October 2014, "Fluid Movements between Science and Art: The Works of William Moulton Marston," *Society for Literature, Science, and the Arts*, Dallas, TX
59. 10-13 August 2014, "Science-Based Policy as Interdisciplinary Inquiry" (with Joyce C. Havstad) *Science, Technology, and Gender: Challenges and Opportunities - FEMMSS / C-SWIP - University of Waterloo*
60. 26 July 2014, "Radical Feminism and Social Reform in the Psychology of William Moulton Marston," *Comics Arts Conference*, San Diego, CA
61. 9-12 June 2014, "Policy-Relevant and yet Policy-Neutral? Tensions in the IPCC's Self-Understanding" (with Joyce C. Havstad) *Socially Relevant Philosophy of/in Science and Engineering - Communities of Integration - Kitchener*, ON, Canada
62. 15 November 2012, "Values in Science beyond Underdetermination and Inductive Risk," *Philosophy of Science Association*, San Diego, CA
63. 5 October 2011, "The Democratic Control of the Scientific Control of Politics," *European Philosophy of Science Association*, Athens, Greece

64. 27 May 2011, "The Democratic Control of the Scientific Control of Politics," *Society for Philosophy and Technology* Conference, Denton, TX.
65. 3 April 2011, "The Democratic Control of the Scientific Control of Politics," Three Rivers Philosophy Conference on *Science, Knowledge, and Democracy*, University of South Carolina
66. 31 October 2010, "Radical Feminism and Social Reform in the Psychology of William Moulton Marston," *Society for Literature, Science, and the Arts*, Indianapolis, IN
67. 17 October 2010, "From the Experimenter's Regress to Evidence-Based Policy: The Functional Complexity of Scientific Evidence," *Philosophy of Scientific Experimentation: A Challenge to Philosophy of Science* - Center for Philosophy of Science at University of Pittsburgh
68. 9 April 2010, "Radical Feminism and Social Reform in the Psychology of William Moulton Marston," *North Texas Philosophical Association*, University of North Texas
69. 20-22 November 2009, "A Centennial Retrospective of John Dewey's 'The Influence of Darwinism on Philosophy'" *150 Years of Evolution: Darwin's Impact on the Humanities and the Social Sciences* - San Diego State University
70. 22-24 October 2009, "Dewey on Science," *John Dewey's 150th Birthday Celebration: An International Conference on Dewey's Impact on America and the World* - The Center for Inquiry, Amherst, NY
71. 25 July 2009, "Wonder Woman: William Moulton Marston's Psychological Technology," *Comic Arts Conference*, San Diego, CA
72. 19 June 2009, "Genuine Problems and the Significance of Science," Northeast Pragmatism Group Conference on *Pragmatism & Science* - Center for Inquiry, Amherst, NY
73. 6 November 2008, "Genuine Problems and the Significance of Science," *Philosophy of Science Association*, Pittsburgh, PA
74. 22 October 2008, "Science as Socially Distributed Cognition: Bridging Philosophy and the Sociology of Science," *Foundations of the Formal Sciences VII: Bringing together Philosophy and Sociology of Science*, Vrije Universiteit Brussel
75. 12 October 2008, "Inquiry, Evidence, and Experiment: The 'Experimenters' Regress' Dissolved" *Regional Conference on the History and Philosophy of Science*, University of Colorado, Boulder
76. 26 July 2008, "*Quis Custodiet Ipsos Custodes?* The Problem of Vigilante Justice in *Watchmen*" (with Adam Streed) *Comic Arts Conference* - San Diego, CA
77. 28 July 2007, "Identities in *Crisis*: Why Was *Crisis on Infinite Earths* Needed?" *Comic Arts Conference* - San Diego, CA
78. 30 March 2007, "Relational Quantum Mechanics and the Determinacy Problem," *UK/Europe Foundation of Physics Conference* - Leeds University
79. 16 March 2007, "Elements of a Pragmatist Theory of Social Inquiry," Brennan Graduate Student Conference on Social Inquiry in memory of Hans Seigfried, Loyola University Chicago

Contributed (unrefereed)

80. 21 May 2022, "Values in Science: Past, Present, and Future," Director's Address, 10th Annual *Values in Medicine, Science, and Technology Conference*, UT Dallas
81. 4 September 2021, "Ethics and Politics of Online Anonymity and Moderation," *Comics and Popular Arts Conference*, Atlanta, GA
82. 2 June 2021, "Expert Authority and Autonomy: Epistemic Anarchism or Strong Accountability?" Joint Online Symposium of the Center for Values in Medicine, Science, and Technology and the Consortium for Socially Relevant Philosophy of Science.
83. 29 March 2019, "Circuit-Bending the Nomological Machine: Anti-Theory for Science and Engineering," *North Texas Philosophical Association*, UT Dallas

84. 28 March 2017, “The Need for Values in Science: The Contingency Argument” *Lunchtime Talk*, Center for Philosophy of Science, University of Pittsburgh
85. 7 October 2016, “Science and Moral Imagination: Towards a New Ideal for Values in Science,” *Lunchtime Talk*, Center for Philosophy of Science, University of Pittsburgh
86. 21 May 2014, “Engineering Ethics as a Socially Situated and Expert Guided Activity” (w/ Eun Ah Lee, Magda Grohman, Nicholas Gans, & Marco Tacca) *Values in Medicine, Science, and Technology Conference* - The University of Texas at Dallas
87. 30 September 2006, “Relational Quantum Mechanics and the Determinacy Problem,” *Southern California Philosophy of Physics Workgroup* - UC Irvine

Public Lectures and Engagement Events

88. 5 December 2018, “Socially Responsible Science” - Responsible Conduct of Research seminar series, UT Dallas
89. 30 November 2017, “Scientific Citizenship: Responsibilities to Society” - Responsible Conduct of Research seminar series, UT Dallas
90. 5 May 2016, “Scientific Citizenship: Responsibilities to Colleagues and the Community” - Responsible Conduct of Research seminar series, UT Dallas
91. 1 October 2015, “Expanding the Circle of Research Ethics” - Baylor Undergraduate Research in Science and Technology (BURST)
92. 19 June 2015, “The Origins and History of *Wonder Woman*” - The Dallas Museum of Art
93. 28 May 2015, “Scientific Citizenship: Responsibilities to Colleagues and the Community” - Responsible Conduct of Research seminar series, UT Dallas
94. 25 March 2015, “Radical Feminism and Social Reform in the Psychology of W.M. Marston” - *Sexing Science, Gendering Technology: Rethinking Sex and Gender in Science, Technology and Medicine* lecture series, the Center for Values in Medicine, Science, and Technology, the University of Texas at Dallas (self-organized)
95. 13 February 2015, “The Interplay of Science and Values” - Metroplex Breakfast Dialogues, Richardson, TX
96. 17 July 2014, “The Relationship Between Science and Human Values” - The Collegiate Peaks Forum Series - Buena Vista, CO
97. 20 June 2014, “The Interplay of Science and Values” - Perot Museum of Nature and Science, Dallas, TX
98. 23 February 2012, “Science, Ethics, and Democracy” - UTD Center for BrainHealth
99. 3 November 2011, “Medical Ethics and *The Immortal Life of Henrietta Lacks*” - Mountain View College
100. 27 September 2011, “Wonder Woman as Psychological Technology” - UTD Technology on Tap - Trinity Hall Irish Pub, Dallas
101. 19 June 2011, “Wonder Woman and Science” - Fellowship of Freethought, Dallas
102. 27 November 2010, “Science, Values, and Democracy” - North Texas Mensa Regional Gathering
103. 17 May 2010, “Values in Medicine, Science, and Technology” - Richardson Rotary Club
104. 23 April 2010, “The Philosophy of Secular Humanism” - Athiests, Skeptics, and Humanists Club at UT Dallas

External Funding

1. *The Formation of Engineers in the Research Lab: A Cognitive Ethnographic Study*
 - PI: Matthew J. Brown; co-PIs: Eun Ah Lee, Nicholas Gans, Magdalena Grohman
 - National Science Foundation
 - 9/1/2019-8/31/2022, \$350,000
2. *Values in Science: Inquiry, Choice, & Responsibility*

- PI: Matthew J. Brown
- Visiting Fellowship at the Center for Philosophy of Science at the University of Pittsburgh
- 9/1/2016-4/30/2017, \$15,200
- 3. *Engineering Ethics as an Expert Guided and Socially Situated Activity*
 - PI: Matthew J. Brown; co-PIs: Nicholas Gans, Magdalena Grohman
 - National Science Foundation
 - 9/1/2013-8/31/2017, \$299,969

Internal Awards

1. HEArts Research Grant, UT Dallas, Spring 2020
2. Genice Rabe Travel Award, UT Dallas, Summer 2018
3. Special Faculty Development Award, UT Dallas, Fall 2016-Spring 2017
4. Special Faculty Development Award, UT Dallas, Fall 2013

Teaching

The University of Texas at Dallas

Doctoral advising

Chair or co-chair:

1. Ryan Johnson, *Making the (Super) Man: The Instructive Code in Superhero Comics* (Spring 2021)

Committee member for:

1. Farah Siddiqui, *Affect and Empathy in Select Postmodern Works by Dick, Rushdie, Hosseini and Edson* (Spring 2022)
2. Natacha Guyot, *Dr. Dana Scully of the X-Files: A Feminist Scientist Navigating Patriarchies* (Spring 2021)
3. Gary Hardee, *A Framework for Immersive Journalism in Virtual Reality* (Fall 2019)
4. Troy Doucet, *Excarnation: A Phenomenology of Technology and Religious Experience* (Summer 2019)
5. Madhavi Biswas, *Globalization and New Bollywood's Hat-Ke (Different) Directors: Nation, Gender and Identity in the Films of Vishal Bhardwaj, Anurag Kashyap, and Abhishek Chaubey* (Spring 2019)
6. Matthew S.W. Silk, *Evaluation and Value Management in Science*, Univ Waterloo (Fall 2018)
7. Priyanka Sharma, *Towards an Orchestration of Forecasting Methods to Devise Strategies for Design* (Fall 2018)
8. Sumathi Ramanath, *Indian Association for the Cultivation of Science: Mahendralal Sircar and his Science, Morality, and Nationalism* (Spring 2018)
9. Julie Gavran, *The War Against Nature: Benton Mackaye's Regional Planning Philosophy and the Pursuit of Balance* (Spring 2017)
10. Melinda McVay, *The Politics of Display – Architects and Museums: John Yeon, A. James Speyer, and Lina Bo Bardi* (Spring 2017)
11. Susan White Norman, *True for Bees: A Creative Dissertation* (Fall 2016)
12. Allene Nichols, *Representations and contestations of the witch from second-wave feminist poetry to twenty-first century popular culture* (Spring 2016)

Masters advising

Portfolio papers supervised:

1. Lydia Allen, *Embodiment & Cognition and Ethics, Public Reason, and Neuronal Chimera Research* (Fall 2013)

Committee member for:

1. Tracey Berry (Spring 2015)

Undergraduate advising

Honors theses (first reader):

1. Thomas Rocha, *Philosophy of Science Communication* (Philosophy, Spring 2019)
2. Nelson Holmes, *Trends in Quack Medicine* (History, Spring 2014)
3. Alyssa Alonso, *Effects of Situation Realism on Emotional Engagement in Moral Decision Making* (Psychology, Spring 2011)

Philosophy Capstone:

1. Jordan Klein, *Against Neonatal Circumcision: An Analysis of the Practice in the U.S.* (Spring 2022)
2. Hayden Tiner, *Hume and Temporal Logic* (Fall 2020)

Pre-med Capstone:

1. Abhinav Thummala, *An Investigation into the Development and Application of Medical Ethics* (Spring 2019)

Honors theses (second reader):

1. Alexis de Montfort Shepherd, "A clarity so clear it only seems real." *Depictions of Transcendent Awakening in Literature* (Spring 2020)
2. Graham Bower, *Early Superheroes and their Jewish Creators* (Spring 2013)

Classroom Teaching

Graduate

Critical Approaches to Comics	HUMA 6390, HUMA 6300, HUIH 6327	Fall 2022, Spring 2019, Summer 2017, Spring 2012
Major Figures: Karl Marx	PHIL 6391	Fall 2021
Interdisciplinary Arts & Humanities	ARHM 6310, HUMA 6300	Fall 2021, Spring 2019
19th/20th Century Philosophy	PHIL 6314, HIST 6381	Fall 2020
Cognitive Ethnography	ACN 6337, HUIH 6395, EMAC 6375	Spring 2020, Fall 2015
John Dewey's <i>Art as Experience</i>	HUIH 6355	Fall 2019
American Philosophy	HUIH 6314	Summer 2019, Fall 2012, Summer 2010
Science and Values	HUIH 7387	Fall 2017
History and Philosophy of Science	HUIH 7387	Spring 2016
Gender, Science, and Technology	HUIH 6351	Spring 2015
Science, Values, and Democracy	HUIH 7387, HUIH 6305	Fall 2014, Fall 2011, Fall 2009
Science, Technology, & Values	HUIH 6351	Spring 2014
Cognition, Culture, and Communication	ACN 6V81, EMAC 6372	Spring 2013
Bioethics & Human Enhancement	HUIH 6395	Spring 2011
John Dewey and American Philosophy	HUIH 6314	Fall 2010
Creativity in Science and Technology	HUIH 6305	Spring 2010

Undergraduate

Understanding Scientific Inquiry	PHIL 2304	Fall 2022
History and Philosophy of Science	HIST 3328, PHIL 3328	Spring 2022, Spring 2021, Spring 2018, Spring 2016, Fall 2012, Fall 2009
19th/20th Century Philosophy	PHIL 3324	Spring 2022, Spring 2021

Major Figures: Karl Marx	PHIL 4326	Fall 2021
John Dewey's <i>Art as Experience</i>	PHIL 4327	Fall 2020
Philosophy of Medicine	PHIL 4321	Spring 2020
Introduction to Logic	PHIL 2303	Fall 2019, Fall 2018, Fall 2017
Gender, Science, and Med / Tech	HIST 3328, PHIL 3328	Spring 2019, Spring 2015
American Philosophy	PHIL 3321	Fall 2018
Philosophy of Medicine	BIOL 1V00	Spring 2018
Science and the Humanities	ARHM 2343	Spring 2018, Fall 2015
Topics in Values & Science	ARHM 3100	Spring 2015
Philosophy of Technology	PHIL 4310	Fall 2014, Spring 2012, Fall 2010 (x2), Spring 2010
Science, Technology, & Values	PHIL 4310	Spring 2014
Introduction to Philosophy	PHIL 1301	Fall 2011
Bioethics & the Human Cyborg	PHIL 4380	Spring 2011

University of California, San Diego

Undergraduate

Logic & Decision-Making (Sci Reasoning)	PHIL 12	Fall 2008
Existentialism	PHIL 181	Summer 2008

Events Organized

The Consortium for Socially Relevant Philosophy of/in Science and Engineering (SRPoISE)

- SRPoISE 3, Joint meeting with VMST, 2016, Conference Organizer
- SRPoISE 5, Joint meeting with SPSP, 2020, Program Chair (event canceled)
- Joint Online Symposium with VMST, 2021, Organizer

Center for Values in Medicine, Science, and Technology – Lecture Series

- *Creativity in the Age of Technology*, 2010, Organizing Committee Member
 - Lectures by Gregory Crewdson, Mihaly Csikszentmihalyi, Raffaello D'Andrea, Nancy J. Nersessian, Dean K. Simonton, Robert J. Sternberg
- *Exploring Human Enhancement*, 2010-2011, Organizing Committee Member
 - Lectures by Janet Kourany, Eva Kittay, Andy Clark, Jonathan Tippett, Robert J. Sawyer, Rebecca Skloot
- *Aging Well: Creating a Vital Life*, 2011, co-organized with Center for Vital Longevity
 - Lectures by Laura Carstensen and William Irvine
- *Funded and Forbidden Knowledge: Science, Politics and Cultural Values*, 2011-2012, Director
 - Lectures by Nancy Cartwright, Heather Douglas, Mark Brown, Kim Stanley Robinson, Robert Root-Bernstein
 - Discussion Forums on Ethics and the Military Funding of Research and the Politics of Science Education
- *The Heart of Medicine: Values and Ethics in Health Care*, 2012-2013, Director
 - Lectures by Greg Bear, Wendy Harpham, Beatrice Golomb
 - Discussion Forum on the Value of Primary Care
- *Food For Thought: What Should We Eat?*, 2013-2014, Director
 - Lectures by Peter Singer, David Kaplan, and Roberta Millstein
- *Sexing Science, Gendering Technology: Rethinking Sex and Gender in Science, Technology and Medicine*, 2014-2015, Director

- Lectures by Carla Fehr, Sarah Richardson, Lise Eliot, Matthew J. Brown, and Anita Sarkeesian
- *Viruses, Vectors, Values*, 2015-2016, Director
 - Lectures by Maya Goldenberg, Amitav Ghosh, Joan Slonczewski, and Adia Benton.
- *The Power of Science Fiction*, 2016-2017, Director
 - Lectures by Kim Stanley Robinson, Nnedi Okorafor, Melissa Littlefield, Ken Liu, Frederick Turner, and Brian David Johnson.
- *The Power of Imagination and Creativity*, 2017-2018, Director
 - Lectures by Mark Johnson, Stephen Asma, Rae Armantrout, Sandra Russ, Vlad Glaveanu
- *The Promise and the Peril of Artificial Intelligence*, 2018-2019, Director
 - Lectures by Don Howard, Safiya Noble, Casey Fiesler, and Ed Finn.
- *Philosophical Engagements with Medicine and Health*, 2019-2020, Director
 - Lectures by Jacob Stegenga, Sean Valles, and Ashley Graham Kennedy.
- *Center for Values in Medicine, Science, and Technology Annual Lecture Series*, 2021-2022
 - Lectures in 2021 by Kareem Khalifa, Keisha Ray, and Anthony Hatch
 - Lectures in 2022 by Dan Hicks, Adolph Reed, Scott Podolski

Values in Medicine, Science, and Technology Conference

- *VMST Human Enhancement Symposium*, April 8-9, 2011, Conference Organizer
- *VMST Conference on Science-Policy Interactions & Social Values*, April 13-14, 2012, Conference Organizer
- *3rd Annual VMST Conference*, May 22-24, 2013, Conference Organizer
- *4th Annual VMST Conference*, May 20-23, 2014, Conference Organizer
- *5th Annual VMST Conference*, May 19-22, 2015, Conference Organizer
- *6th Annual VMST Conference / SRPoiSE 3*, 2016, Conference Organizer
- *7th Annual VMST Conference*, 2017, Conference Organizer
- *8th Annual VMST Conference*, 2018, Conference Organizer
- *9th Annual VMST Conference*, 2019, Conference Organizer
- *10th Annual VMST Conference*, 2020, Conference Organizer (event cancelled)
- *VMST Online Symposium*, 2020, Organizer
- Joint Online Symposium with SRPoiSE, 2021, Organizer
- *10th Annual VMST Conference*, 2022, Conference Organizer

Workshops

- *The Study of Ethics Codes*, in conjunction with the 2013 VMST Conference at UT Dallas
- *Empirical Approaches to Ethics and Values in Science and Engineering*, in conjunction with the 2015 VMST Conference at UT Dallas
- *Feyerabend 2018*, in conjunction with the 2018 VMST Conference at UT Dallas
- *Racism and the Disciplinary Differentiation of Science and Philosophy*, in conjunction with the 2018 VMST Conference at UT Dallas, in collaboration with The Ackerman Center for Holocaust Studies.
- Workshop on *Hannah Arendt* with the author Samantha Rose Hill, 5 November 2021 at UT Dallas in collaboration with The Ackerman Center for Holocaust Studies, and the History and Philosophy Program.

Philosophy of Science Association

- Biennial Conference 2018, Program Committee Member
- Biennial Conference 2022, Cognate Societies Sessions Chair

Comics and Popular Arts Conference

- 12 years of the Annual Conference on Labor Day Weekend from 2008-2019, in connection with DragonCon in Atlanta, Georgia, Conference Coordinator
- *13th Annual Comics and Popular Arts Conference*, 2020, Program Chair (held virtually)
- *14th Annual Comics and Popular Arts Conference*, 2021, Program Chair
- *15th Annual Comics and Popular Arts Conference*, 2022, Program Committee Member

Professional and Community Service

- Associate Editor, *HOPOS: The Journal of the International Society for the History of Philosophy of Science*, 2023-2026
- Member, AAAS Committee on Scientific Freedom and Responsibility, 2018-present
- Treasurer, International Society for the History of Philosophy of Science, 2016-present
- Area Editor, *Science and Values*, PhilPapers, 2012-present
- Board Member, Consortium for Socially Relevant Philosophy of/in Science and Engineering (SRPoiSE), 2014-present
- Coordinating Board Member, Comics & Popular Arts Conference (annual), 2008-present
- Member-at-Large, North Texas Philosophical Association 2010-2011
- Representative on the UT Dallas Faculty Senate, 2013-2016, 2017-2021
- Representative on the UT Dallas Academic Council, 2015-2016, 2018-2020
- Committee on the Core Curriculum, UT Dallas, 2020-present
- Committee on Committees, UT Dallas, 2015-2017
- Committee on Research Involving Human Subjects (IRB), UT Dallas, 2018-2019
- Institutional Animal Care and Use Committee, UT Dallas, 2014-2016, 2017-2019
- Budget Committee, UT Dallas, 2015-2016
- Committee on Learning Management Systems, UT Dallas, 2010, 2012-2014
- Graduate Admissions Committee, Emerging Media and Communication Program, UT Dallas, 2012-2013.
- Executive Committee, School of Arts and Humanities, UT Dallas, 2017-2019
- Curriculum Committee, School of Arts and Humanities, UT Dallas, 2016, 2017-2019
- Bylaws Revision Committee, School of Arts and Humanities, UT Dallas, 2019-2020
- Workload Committee, School of Arts and Humanities, UT Dallas, 2018-2019
- Equity Task Force, School of Arts and Humanities, UT Dallas, 2017-2019
- Faculty Sponsor, Tabletop Roleplaying Game (TTRPG) Club, UT Dallas, 2022-present
- Faculty Sponsor, School of A&H Graduate Student Association, UT Dallas 2010-2011
- Destination Imagination Team Manager, Bowie Elementary School Teams, 2010-2013
- Peer Reviewer: Oxford University Press, MIT Press, Routledge, Pittsburgh University Press, Palgrave Macmillan, Rowman & Littlefield, Bloomsbury, *Philosophy of Science*, *British Journal for Philosophy of Science*, *Philosophy*, *Theory, and Practice in Biology (PTPBio)*, *Synthese*, *Erkenntnis*, *Analysis*, *Philosophers' Imprint*, *European Journal for Philosophy of Science*, *Journal for General Philosophy of Science*, *Studies in History and Philosophy of Science*, *HOPOS: The Journal of the International Society for the History of Philosophy of Science*, *THEORIA*, *Social Epistemology*, *Philosophical Psychology*, *Science Technology and Human Values*, *Techné: Research in Philosophy and Technology*, *Science and Engineering Education*, *Science and Education*, *ACM Computing Surveys*, *Philosophica*, *Spontaneous Generations*, *Acta Analytica*, *Canadian Journal of Philosophy*, *Polish Journal of Philosophy*, *The Journal of Sociotechnical Critique*, *Journal of Responsible Innovation*, *History of the Human Sciences*, *The Journal of Value Inquiry*, Philosophy of Science Association, SRPoiSE, American Philosophical Association (Pacific), Canadian Philosophical Association, National

Science Foundation, American Society for Engineering Education

Professional Memberships and Affiliations

- Philosophy of Science Association 2008-Present
- American Philosophical Association 2008-Present
- Society for the Advancement of American Philosophy 2010-Present
- Consortium for Socially Relevant Philosophy of/in Science and Engineering (SRPoiSE), 2014-Present
- International Society for the History of Philosophy of Science, 2012-present
- North Texas Philosophical Association 2010-2011, 2018-2019
- Society for Literature, Science, and the Arts 2010-2017
- Cognitive Science Society 2012-2014
- Center for Values in Medicine, Science, and Technology, UT Dallas, 2009-present
- Feminist Research Collective, UT Dallas, 2014-present
- Laboratory of Comparative Human Cognition at UCSD 2004-2009
- Distributed Cognition - HCI Lab at UCSD 2007-2009