

Matthew J. Brown

Center for Values in Medicine, Science, and Technology
The University of Texas at Dallas
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Employment History

The University of Texas at Dallas

Associate Professor of Philosophy (tenured), School of Arts & Humanities, 2015–present
Director, Center for Values in Medicine, Science, and Technology, 2011–present
Affiliate Faculty, School of Behavioral and Brain Sciences, 2011–present
Affiliate Faculty, Arts, Technology, and Emerging Communication, 2011–present
Assistant Professor of Philosophy, School of Arts & Humanities, 2009-2015

University of Pittsburgh

Visiting Fellow, Center for Philosophy of Science, 2016–2017
– Competitive fellowship with stipend, awarded Special Faculty Development Assignment by UT Dallas for the fellowship period

University of Waterloo

Adjunct Associate Professor, Department of Philosophy, 2016–present

University of California, San Diego

Instructor, Department of Philosophy, Summer–Fall 2008

Educational History

University of California, San Diego 2003–2009

Ph.D. in Philosophy, June 2009
M.A. in Philosophy, June 2006

Georgia Institute of Technology 1999–2003

B.S., School of Physics, Minor in Cognitive Science, Highest Honors, May 2003

Research Grants

\$299,969 | *Engineering Ethics as an Expert Guided and Socially Situated Activity*
funded by the National Science Foundation, 2013-2016
Co-PIs: Nicholas Gans, Magdalena Grohman

Publications by Topic*

Science and Society (Science and Values, Politics of Science, Science Policy)

- Manuscript in Progress: *Science and Moral Imagination: A New Ideal for Values in Science*
- “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
- (with Joyce C. Havstad). “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

*Some publications cross categories, but each appears only once on this list. See abstracts and download articles at <http://matthewjbrown.net/research/publications/>. All papers are peer reviewed unless otherwise noted.

- (with Joyce C. Havstad). “Policy-Relevance, Neutrality, and the IPCC.” *Public Affairs Quarterly* 31(4):303–324, 2017
- (with Joyce C. Havstad). “The Disconnect Problem, Scientific Authority, and Climate Policy.” *Perspectives on Science* 25(1):67–94, 2017
- “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
- “Values in Science beyond Underdetermination and Inductive Risk.” *Philosophy of Science* 80(5):829–839, 2013
- “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
- “The Source and Status of Values in Socially Responsible Science.” *Philosophical Studies* 163(1):67–76, 2013
- “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
- “Genuine Problems and the Significance of Science.” *Contemporary Pragmatism* 7(2):131–153, 2010

Cognitive Science

- (with Eun Ah Lee, Magdalena Grohman, Nicholas Gans, and Marco Tacca). “The Roles of Implicit Understanding of Engineering Ethics in Student Teams’ Discussion.” *Science and Engineering Ethics* forthcoming
- (with Eun Ah Lee, Nicholas Gans, Magdalena Grohman, and Marco Tacca). “Exploring Implicit Understanding of Engineering Ethics in Student Teams.” In *Proceedings of the 122nd American Society for Engineering Education Conference & Exposition*. 2015.
- “A Critical Appreciation of Ronald N. Giere’s ‘Distributed Cognition without Distributed Knowing’.” *Social Epistemology Review and Reply Collective* 4(6):45–51, 2015. (Online article, not traditionally peer reviewed.)
- “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

History of Philosophy (Pragmatism, American Philosophy, HOPOS)

- (co-edited with Ian James Kidd). *Reappraising Feyerabend*, vol. 57, Special Issue of *Studies in History and Philosophy of Science A*. 2016. Contributors include Matteo Collodel, Stefano Gattei, Ron Giere, Helmut Heit, Martin Kusch, Gonzalo Munévar, Eric Oberheim, John Preston, Daniel Kuby, Eric Martin, Lisa Heller, and Helene Sorgner; includes previously untranslated work by Paul K. Feyerabend
- “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
- (with Ian James Kidd). “Introduction: Reappraising Paul Feyerabend.” *Reappraising Feyerabend*, Special issue of *Studies in History and Philosophy of Science A* 57:1–8, 2016
- “John Dewey’s Pragmatist Alternative to the Belief-Acceptance Dichotomy.” *Studies in History and Philosophy of Science A* 53:62–70, 2015
- “The Functional Complexity of Scientific Evidence.” *Metaphilosophy* 46(1):65–83, 2015
- “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

- “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 [response by Giere follows]

Philosophy of Physics

- “Quantum Frames.” *Studies in History and Philosophy of Modern Physics* 45:1–10, 2014
- “Relational Quantum Mechanics and the Determinacy Problem.” *The British Journal for the Philosophy of Science* 60(4):679, 2009

Book Reviews

- “The Ages of Wonder Woman: Essays on the Amazon Princess in Changing Times” *SFRA Review* 318 (Fall 2016): 20-21.
- “A rickety bridge between the two cultures.” *Metascience* 25(2):305–308, 2016
- (with 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
- “Review: John Wright’s *Explaining Science’s Success: Understanding How Scientific Knowledge Works*.” *Notre Dame Philosophical Reviews* 20 August, 2013
- “Review: Philip Kitcher, *Science in a Democratic Society*.” *Notre Dame Philosophical Reviews* 7 March, 2012
- “Review: *A Companion to Pragmatism*, ed. John R. Shook and Joseph Margolis.” *The Pluralist* 6(2):101–103, 2011
- “Review of Mark B. Brown’s *Science in Democracy: Expertise, Institutions, and Representation*.” *Isis* 101(3):686–687, 2010
- “Good News from Analytic Philosophy! Review of *Anti-Individualism* by Sanford Goldberg.” *Mind, Culture, and Activity* 17(3):293–294, 2010
- “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

Academic Talks & Presentations

Upcoming Talks: Title TBD

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|------------------|---|
| 27 February 2017 | <i>Science Studies Colloquium</i> , University of California, San Diego |
| 6 April 2017 | <i>Philosophy Department Colloquium</i> , Oakland University |

Values in Science: Pragmatism and the Problem of Wishful Thinking

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|-------------------|---|
| 3-5 November 2016 | <i>The Philosophy of Science Association</i> , Atlanta, GA |
| 27-28 March 2015 | <i>Socially Relevant Philosophy of/in Science and Engineering</i> , Detroit, MI |

Science and Moral Imagination: Towards a New Ideal for Values in Science

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| 7 October 2016 | <i>Lunchtime Talk</i> , Center for Philosophy of Science, The University of Pittsburgh |
| 26 September | Center for Science Studies, University of Aarhus, Denmark |

Values in Science: From Objectivity to Moral Imagination

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|--------------------|---|
| 5-7 September 2016 | <i>René Descartes Lectures & Workshop on Science, Values, and Democracy</i> , Tilburg University, The Netherlands |
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Commentary on Douglas, “Science and Values: The Pervasive Entanglement”

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| 5-7 September 2016 | <i>René Descartes Lectures & Workshop on Science, Values, and Democracy</i> , Tilburg University, The Netherlands |
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John Dewey on Causation and Laws of Nature

22-25 June 2016 | *HOPOS 2016: International Society for the History of Philosophy of Science Biennial Meeting*, Minnesota Center for Philosophy of Science

Inductive Risk, Wishful Thinking, And Practical Reason

17-19 June 2016 | *The Society for Philosophy of Science in Practice*, Rowan University, Glassboro, NJ

“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)

19-22 May 2016 | *Socially Relevant Philosophy of/in Science and Engineering / Values in Medicine, Science, and Technology Conference*, The University of Texas at Dallas

Cognitive Ethnography of Engineering Ethics (with Eun Ah Lee, Magda Grohman, & Nicholas Gans)

13-14 May 2016 | *IEEE ETHICS Symposium*, Vancouver, BC, Canada

John Dewey on Values in Science: Four Theses

25-27 April 2016 | *Science and Values in Peirce and Dewey*, University of Waterloo

John Dewey was First and Foremost a Philosophy of Science

30 Mar-3 Apr 2016 | *American Philosophical Association (Pacific Division)*, San Francisco, CA
3-5 March 2016 | *Society for the Advancement of American Philosophy*, Portland, OR

Values in Science: Against Epistemic Priority

5 February 2016 | Michigan State University

Exploring Implicit Understanding of Engineering Ethics in Student Teams (with Eun Ah Lee, Magda Grohman, Nicholas Gans, & Marco Tacca)

14-17 June 2015 | *American Society for Engineering Education* - Seattle, WA
27-28 March 2015 | *Socially Relevant Philosophy of/in Science and Engineering*, Detroit, MI

The Disconnect Problem in Science and Policy (with Joyce C. Havstad)

6-9 November 2014 | *Philosophy of Science Association* - Chicago, IL

Fluid Movements between Science and Art: The Works of William Moulton Marston

11 October 2014 | *Society for Literature, Science, and the Arts*, Dallas, TX

Science-Based Policy as Interdisciplinary Inquiry (with Joyce C. Havstad)

10-13 August 2014 | *Science, Technology, and Gender: Challenges and Opportunities* - FEMMSS / C-SWIP - University of Waterloo

Policy-Relevant and yet Policy-Neutral? Tensions in the IPCC’s Self-Understanding (with Joyce C. Havstad)

9-12 June 2014 | *Socially Relevant Philosophy of/in Science and Engineering - Communities of Integration* - Kitchener, ON, Canada

Radical Feminism and Social Reform in the Psychology of W.M. Marston

26 April 2013 | Colloquium, Department of the History of Science - The University of Oklahoma (invited)
31 October 2010 | *Society for Literature, Science, and the Arts*, Indianapolis, IN
15 July 2010 | UT-Arlington Summer Seminar on *Mind, Cognition, and Neuroethics* (invited)

9 April 2010	<i>North Texas Philosophical Association</i> , University of North Texas
Engineering Ethics as a Socially Situated and Expert Guided Activity (w/ Eun Ah Lee, Magda Grohman, Nicholas Gans, & Marco Tacca)	
21 May 2014	<i>Values in Medicine, Science, and Technology Conference</i> - The University of Texas at Dallas (self-organized)
16 April 2014	<i>Distributed Cognition and Human-Computer Interaction Laboratory</i> - University of California, San Diego (invited)
John Dewey, the Attitude of Judgment, and Values in Science	
6-7 June 2013	<i>Cognitive Attitudes and Values in Science</i> - Notre Dame University (invited)
The Unity of Science and Politics: Themes from Dewey and Neurath	
20-23 February 2013	Symposium on <i>Philosophy of Science and Political Engagement</i> - Central APA, New Orleans, LA (invited)
Values in Science beyond Underdetermination and Inductive Risk	
15-17 November 2012	<i>Philosophy of Science Association</i> , San Diego, CA
13 June 2012	<i>Social Relevance of Philosophy of Science</i> - Zentrum für interdisziplinäre Forschung (Center for Interdisciplinary Research), Bielefeld University (invited)
10 February 2012	Colloquium, University of Texas at Arlington Philosophy Department (invited)
Science and Democracy in a Precarious World	
28 September 2012	<i>Feyerabend 2012</i> - Humboldt-Universität zu Berlin (invited)
The Source and Status of Values in Socially Responsible Science	
6 April 2012	Author Meets Critics Session on Janet Kourany's <i>Philosophy of Science After Feminism</i> - American Philosophical Association (Pacific Division) (invited)
Quine is Not a (Deweyan) Pragmatist	
31 March 2012	<i>Pragmatism in the Philosophy of Science Conference</i> - University of San Francisco (invited)
The Democratic Control of the Scientific Control of Politics	
5 October 2011	<i>European Philosophy of Science Association</i> , Athens, Greece
27 May 2011	<i>Society for Philosophy and Technology Conference</i> , Denton, TX.
3 April 2011	Three Rivers Philosophy Conference on <i>Science, Knowledge, and Democracy</i> , University of South Carolina
From the Experimenter's Regress to Evidence-Based Policy: The Functional Complexity of Scientific Evidence	
17 October 2010	<i>Philosophy of Scientific Experimentation: A Challenge to Philosophy of Science</i> - Center for Philosophy of Science at University of Pittsburgh
A Centennial Retrospective of John Dewey's "The Influence of Darwinism on Philosophy"	
20-22 November 2009	<i>150 Years of Evolution: Darwin's Impact on the Humanities and the Social Sciences</i> - San Diego State University

Dewey on Science

22-24 October 2009 | *John Dewey's 150th Birthday Celebration: An International Conference on Dewey's Impact on America and the World* - The Center for Inquiry, Amherst, NY

Genuine Problems and the Significance of Science

19 June 2009 | Northeast Pragmatism Group Conference on *Pragmatism & Science* - Center for Inquiry, Amherst, NY

6 November 2008 | Symposium: *Pragmatism at the Interface of Science and Politics* - Philosophy of Science Association, Pittsburgh, PA

Construction and Realism in John Dewey's Philosophy of Science

18 April 2009 | UCSD Philosophy Graduate Symposium on the work of Peter Godfrey-Smith

Evidence in John Dewey's Theory of Inquiry

8-12 April 2009 | *American Philosophical Association - Pacific Division, Society for the Advancement of American Philosophy* Graduate Session

Science as Socially Distributed Cognition: Bridging Philosophy and the Sociology of Science

22 October 2008 | *Foundations of the Formal Sciences VII: Bringing together Philosophy and Sociology of Science*, Vrije Universiteit Brussel

Inquiry, Evidence, and Experiment: The 'Experimenters' Regress' Dissolved

12 October 2008 | CU Boulder *Regional Conference on the History and Philosophy of Science*

Relational Quantum Mechanics and the Determinacy Problem

7 June 2007 | *Oxford Philosophy of Physics Workgroup*

30 March 2007 | *UK/Europe Foundation of Physics Conference* - Leeds University

30 September 2006 | *Southern California Philosophy of Physics Workgroup* - UC Irvine

26 January 2005 | UCSD All-Grad Research Symposium

Models and Perspectives on Stage: Remarks on Giere's *Scientific Perspectivism*

18 April 2007 | Zentrale Einrichtung für Wissenschaftsphilosophie und Wissenschaftsethik (Center for Philosophy and Ethics of Science) Seminar, Leibniz Universität Hannover

26 July 2008 | *Quis Custodiet Ipsos Custodes? The Problem of Vigilante Justice in Watchmen* (with Adam Streed)
Comic Arts Conference - San Diego, CA

28 July 2007 | *Identities in Crisis: Why Was Crisis on Infinite Earths Needed?*
Comic Arts Conference - San Diego, CA

Elements of a Pragmatist Theory of Social Inquiry

16 March 2007 | Brennan Graduate Student Conference on Social Inquiry in memory of Hans Seigfried, Loyola University Chicago

Public Engagement Efforts

5 May 2016	Scientific Citizenship: Responsibilities to Colleagues and the Community - Responsible Conduct of Research seminar series, UT Dallas
1 October 2015	Expanding the Circle of Research Ethics - Baylor Undergraduate Research in Science and Technology (BURST)
19 June 2015	The Origins and History of <i>Wonder Woman</i> - The Dallas Museum of Art
28 May 2015	Scientific Citizenship: Responsibilities to Colleagues and the Community - Responsible Conduct of Research seminar series, UT Dallas
25 March 2015	Radical Feminism and Social Reform in the Psychology of W.M. Marston - <i>Sexing Science, Gendering Technology: Rethinking Sex and Gender in Science, Technology and Medicine</i> lecture series, the Center for Values in Medicine, Science, and Technology, the University of Texas at Dallas (self-organized)
13 February 2015	The Interplay of Science and Values - Metroplex Breakfast Dialogues, Richardson, TX
26 July 2014	Radical Feminism and Social Reform in the Psychology of W.M. Marston - <i>Comics Arts Conference</i> , San Diego, CA
17 July 2014	The Relationship Between Science and Human Values - The Collegiate Peaks Forum Series - Buena Vista, CO
20 June 2014	The Interplay of Science and Values - Perot Museum of Nature and Science, Dallas, TX
23 February 2012	Science, Ethics, and Democracy - UTD Center for BrainHealth
3 November 2011	Medical Ethics and <i>The Immortal Life of Henrietta Lacks</i> - Mountain View College
27 September 2011	Wonder Woman as Psychological Technology - UTD Technology on Tap - Trinity Hall Irish Pub, Dallas
19 June 2011	Wonder Woman and Science - Fellowship of Freethought, Dallas
27 November 2010	Science, Values, and Democracy - North Texas Mensa Regional Gathering
17 May 2010	Values in Medicine, Science, and Technology - Richardson Rotary Club
23 April 2010	The Philosophy of Secular Humanism - Athiests, Skeptics, and Humanists Club at UT Dallas
25 July 2009	Wonder Woman: William Moulton Marston's Psychological Technology - <i>Comic Arts Conference</i> , San Diego, CA
published 2007	"Picky Eating is a Moral Failing." In <i>Food & Philosophy: Eat, Think, and Be Merry</i> , edited by Fritz Allhoff and Dave Monroe. Blackwell, 2007

Teaching

The University of Texas at Dallas (2009–present)

Graduate Courses	History and Philosophy of Science
	American Pragmatism
	Science, Values, and Democracy
	Science, Technology, & Values
	Gender, Science, and Technology
	John Dewey and American Philosophy
	Bioethics & Human Enhancement
	Creativity in Science and Technology

	Cognitive Ethnography
	Cognition, Culture, and Communication
	Comics Studies
Undergraduate	Philosophy of Technology
	History and Philosophy of Science
	Science, Technology, & Values
	Gender, Science, and Technology
	Science and Popular Culture
	Introduction to Philosophy
	Bioethics & the Human Cyborg

University of California, San Diego (2008)

Instructor	Logic and Decision-Making (Scientific Reasoning)
	Existentialism

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, 2014-Present
- International Society for the History of Philosophy of Science, 2012-present
- North Texas Philosophical Association 2010-2011
- Society for Literature, Science, and the Arts 2010-Present
- Cognitive Science Society 2012-present
- 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

Professional and Community Service

- Treasurer, International Society for the History of Philosophy of Science, 2016-present
- Area Editor, *Science and Values*, PhilPapers, 2012-present, <http://philpapers.org/browse/science-and-values>
- Conference Organizer, Values in Medicine, Science, & Technology (annual), 2010-present
- Conference Organizer, Comics & Popular Arts Conference in Atlanta, GA (annual), 2008-2016
- Coordinating Board Member, Comics & Popular Arts Conference (annual), 2016-present
- Referee: MIT Press (Philosophy and Cognitive Science Books), Routledge, *Philosophy of Science*, *British Journal for Philosophy of Science*, *Synthese*, *European Journal for Philosophy of Science*, *Journal for General Philosophy of Science*, *Studies in History and Philosophy of Science Part A*, *HOPOS: The Journal of the International Society for the History of Philosophy of Science*, *THEORIA*, *Social Epistemology*, *Philosophical Psychology*, *Science Technology and Human Values*, *Science and Engineering Education*, *ACM Computing Surveys*, *Philosophica*, *Spontaneous Generations*, *Acta Analytica*, American Philosophical Association (Pacific), Canadian Philosophical Association, American Society for Engineering Education
- Representative on the UT Dallas Academic Council, 2015-2016
- Representative on the UT Dallas Faculty Senate, 2013-2016
- Curriculum Task Force, School of Arts and Humanities, UT Dallas, 2016

- Committee on Committees, UT Dallas, 2015-2017
- Budget Committee, UT Dallas, 2015-2016
- Institutional Animal Care and Use Committee, UT Dallas, 2014-2016
- Committee on Learning Management Systems, UT Dallas, 2010, 2012-2014
- Faculty Sponsor, Graduate Student Association, School of Arts and Humanities, UT Dallas 2010-2011
- Member-at-Large, North Texas Philosophical Association 2010-2011
- Destination Imagination Team Manager 2010-2013