

Matthew J. Brown

Center for Values in Medicine, Science, and Technology
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Educational History

2003–2009	University of California, San Diego Ph.D. in Philosophy , June 2009 Dissertation: Science and Experience: A Deweyan Philosophy of Science Advisors: Paul Churchland, Nancy Cartwright M.A. in Philosophy, University of California, San Diego, June 2006
1999–2003	Georgia Institute of Technology B.S. in Physics (<i>Highest Honors</i>), Minor: Cognitive Science, May 2003

Employment History

	The University of Texas at Dallas
2015–present	Associate Professor of Philosophy, School of Arts and Humanities
2011–present	Director, Center for Values in Medicine, Science, and Technology.
2011–present	Affiliate Faculty, School of Behavioral and Brain Sciences
2009–present	Affiliate Faculty, Arts and Technology & Emerging Media and Communication
2009–2015	Assistant Professor of Philosophy, School of Arts and Humanities
	University of California, San Diego
2008	Instructor, Department of Philosophy

External Funding Awarded

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

See abstracts and download articles at <http://matthewjbrown.net/research/publications/>

Journal Articles, Book Chapters, and Conference Proceedings

2015	“The Functional Complexity of Scientific Evidence.” <i>Metaphilosophy</i> , 46(1): 65–83 Eun Ah Lee, Nicholas Gans, Magdalena Grohman, Marco Tacca, and Matthew J. Brown. “Exploring Implicit Understanding of Engineering Ethics in Student Teams.” In <i>Proceedings of the 122nd American Society for Engineering Education Conference & Exposition</i>
2014	“Quantum Frames.” <i>Studies in History and Philosophy of Modern Physics</i> , 45: 1–10
2013	“Values in Science beyond Underdetermination and Inductive Risk.” <i>Philosophy of Science</i> , 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
- “The Source and Status of Values in Socially Responsible Science.” *Philosophical Studies*, 163(1): 67–76
- “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
- 2012 “John Dewey’s Logic of Science.” *HOPOS: The Journal of the International Society for the History of Philosophy of Science*, 2(2): 258–306
- 2011 “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
- 2010 “Genuine Problems and the Significance of Science.” *Contemporary Pragmatism*, 7(2): 131–153
- 2009 “Relational Quantum Mechanics and the Determinacy Problem.” *The British Journal for the Philosophy of Science*, 60(4): 679
- “Models and perspectives on stage: remarks on Giere’s Scientific perspectivism.” *Studies In History and Philosophy of Science Part A*, 40(2): 213–220 [with response by Giere pp. 221-3]
- 2007 “Picky Eating is a Moral Failing.” In *Food & Philosophy: Eat, Think, and Be Merry*, edited by Fritz Allhoff and Dave Monroe. Blackwell
- forthcoming “The Abundant World: Paul Feyerabend’s Metaphysics of Science.” *Reappraising Paul Feyerabend*, Special issue of *Studies in History and Philosophy of Science A* (with Ian James Kidd). “Reappraising Paul Feyerabend: Introduction.” *Reappraising Paul Feyerabend*, Special issue of *Studies in History and Philosophy of Science A*
- “John Dewey’s Pragmatist Alternative to the Belief-Acceptance Dichotomy.” *Cognitive Attitudes and Values in Science*, special issue of *Studies in History and Philosophy of Science A*

Books and Special Issues Edited

- forthcoming with Ian James Kidd (ed.). *Reappraising Paul Feyerabend*. Special issue of *Studies in History and Philosophy of Science A*. Contributors: Matthew J. Brown, Matteo Collodel, Stefano Gattei, Ron Giere, Helmut Heit, Ian James Kidd, Martin Kusch, Gonzalo Munévar, Eric Oberheim, John Preston, Daniel Kuby, Eric Martin, Lisa Heller, and Helene Sorgner; includes previously untranslated work by Feyerabend

Book Reviews

- 2014 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
- 2013 “Review: John Wright’s *Explaining Science’s Success: Understanding How Scientific Knowledge Works*.” *Notre Dame Philosophical Reviews*, 20 August.
URL <http://ndpr.nd.edu/news/41666-explaining-science-s-success-understanding-how-scientific-knowledge-works/>

- 2012 “Review: Philip Kitcher, *Science in a Democratic Society*.” *Notre Dame Philosophical Reviews*, 7 March.
URL <http://ndpr.nd.edu/news/29284-science-in-a-democratic-society/>
- 2011 “Review: *A Companion to Pragmatism*, ed. John R. Shook and Joseph Margolis.” *The Pluralist*, 6(2): 101–103
- 2010 “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
- 2006 “On What Quine Is, Review of *The Cambridge Companion to Quine*, ed. Roger F. Gibson, Jr.” *Mind, Culture, and Activity*, 13(4): 339–343

Talks & Presentations

- 14-17 June 2015 **Exploring Implicit Understanding of Engineering Ethics in Students Teams** (w/ Eun Ah Lee, Magda Grohman, Nicholas Gans, & Marco Tacca)
American Society for Engineering Education - Seattle, WA
- 27-28 March 2015 *Socially Relevant Philosophy of/in Science and Engineering*
- 6-9 November 2014 **The Disconnect Problem in Science and Policy** (with Joyce C. Havstad)
Philosophy of Science Association - Chicago, IL
- 11 October 2014 **Fluid Movements between Science and Art: The Works of William Moulton Marston**
Society for Literature, Science, and the Arts, Dallas, TX
- 10-13 August 2014 **Science-Based Policy as Interdisciplinary Inquiry** (w/ Joyce Havstad)
Science, Technology, and Gender: Challenges and Opportunities - University of Waterloo
- 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
- 26 April 2013 **Love Slaves and Wonder Women: Values and Popular Culture in the Psychology of W.M. Marston**
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 *North Texas Philosophical Association*, University of North Texas

- 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
- 16 April 2014 *Distributed Cognition and Human-Computer Interaction Laboratory* - University of California, San Diego
- 6-7 June 2013 **John Dewey, the Attitude of Judgment, and Values in Science**
Cognitive Attitudes and Values in Science - Notre Dame University (invited)
- 20-23 February 2013 **The Unity of Science and Politics: Themes from Dewey and Neurath**
Symposium on *Philosophy of Science and Political Engagement* - Central APA, New Orleans, LA (invited)
- 15-17 November 2012 **Values in Science beyond Underdetermination and Inductive Risk**
Philosophy of Science Association, San Diego, CA
- 13 June 2012 *Social Relevance of Philosophy of Science* - Zentrum für interdisziplinäre Forschung (Center for Interdisciplinary Research), Bielefeld University (invited)
- 10 February 2012 Colloquium, University of Texas at Arlington Philosophy Department (invited)
- 28 September 2012 **Science and Democracy in a Precarious World**
Feyerabend 2012 - Humboldt-Universität zu Berlin (invited)
- 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) (invited)
- 31 March 2012 **Quine is Not a (Deweyan) Pragmatist**
Pragmatism in the Philosophy of Science Conference - University of San Francisco (invited)
- 5 October 2011 **The Democratic Control of the Scientific Control of Politics**
European Philosophy of Science Association, Athens, Greece
- 27 May 2011 *Society for Philosophy and Technology* Conference, Denton, TX.
- 3 April 2011 Three Rivers Philosophy Conference on *Science, Knowledge, and Democracy*, University of South Carolina
- 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
- 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
- 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
- 25 July 2009 **Wonder Woman: William Moulton Marston's Psychological Technology**
Comic Arts Conference, San Diego, CA
- 19 June 2009 **Genuine Problems and the Significance of Science**
Northeast Pragmatism Group Conference on *Pragmatism & Science* - Center for Inquiry, Amherst, NY

6 November 2008	Symposium: <i>Pragmatism at the Interface of Science and Politics - Philosophy of Science Association</i> , Pittsburgh, PA
8-12 April 2009	Evidence in John Dewey's Theory of Inquiry <i>American Philosophical Association - Pacific Division, Society for the Advancement of American Philosophy</i> Graduate Session
22 October 2008	Science as Socially Distributed Cognition: Bridging Philosophy and the Sociology of Science <i>Foundations of the Formal Sciences VII: Bringing together Philosophy and Sociology of Science</i> , Vrije Universiteit Brussel
12 October 2008	Inquiry, Evidence, and Experiment: The 'Experimenters' Regress' Dissolved CU Boulder <i>Regional Conference on the History and Philosophy of Science</i>
7 June 2007	Relational Quantum Mechanics and the Determinacy Problem <i>Oxford Philosophy of Physics Workgroup</i>
30 March 2007	<i>UK/Europe Foundation of Physics Conference</i> - Leeds University
30 September 2006	<i>Southern California Philosophy of Physics Workgroup</i> - UC Irvine
18 April 2007	Models and Perspectives on Stage: Remarks on Giere's <i>Scientific Perspectivism</i> Zentrale Einrichtung für Wissenschaftsphilosophie und Wissenschaftsethik (Center for Philosophy and Ethics of Science) Seminar, Leibniz Universität Hannover

Public Lectures

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, Sceptics, and Humanists Club at UT Dallas

Teaching

Courses

(Courses in *italics* have been taught more than once.)

The University of Texas at Dallas (2009-2013)

Graduate Courses	<i>Science, Values, and Democracy</i> <i>American Pragmatism</i> Science, Technology, & Values
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	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	<i>Philosophy of Technology</i> <i>History and Philosophy of Science</i> Science, Technology, & Values Gender, Science, and Technology Science and Popular Culture Introduction to Philosophy Bioethics & the Human Cyborg

University of California, San Diego (2004-2008)

Instructor	Logic and Decision-Making (Scientific Reasoning) Existentialism
Teaching Assistant	The Nature of Philosophy Intro to Philosophy-Theory of Knowledge Intro to Philosophy-Metaphysics Intro to Philosophy-Ethics <i>Ethics and Society</i> Logic and Decision-Making Environmental Studies: What Nature? Whose Nature? <i>Science and Pseudo-Science</i> (College Writing) The Consciousness Debates (College Writing) <i>The Warren Court</i> (College Writing)

Georgia Institute of Technology (2001-2003)

Head Teaching Assistant *Computer Science*, 2002-2003

Teaching Assistant *Computer Science*, 2001-2002

Advising

The University of Texas at Dallas (2009-2013)

Doctoral	Dissertations chaired, in progress: 1 Committees served on, in progress: 6 Field exams supervised: 2 Field exams in progress: 2
Masters	Masters portfolios chaired, completed: 1
Undergraduate	Honors theses directed (psychology): 1 Honors theses directed (historical studies): 1 Honors theses, second reader: 1 Capstone projects in progress (ATEC): 1

Professional recognitions and honors

— Travel Award, Foundations of the Formal Sciences VII, October 2008

- Visiting Scholar, Center for Philosophy of Natural and Social Sciences, London School of Economics, Spring 2007
- Travel Award, UK-European Foundations of Physics Conference at Leeds, March 2007
- UCSD Philosophy Department Grad Student Travel Grant, Fall 2008, Spring 2008, Spring 2007
- Departmental Dissertation Fellowship, UCSD, Spring 2007, Fall 2007, Winter 2008
- UCSD Summer Research Assistantship in Philosophy, 2004, 2005, and 2006.
- UCSD Philosophy Department Grad Student Fellowship, 2003-2004
- Research Experience for Undergraduates (NSF), School of Physics, Georgia Institute of Technology, Summer 2001

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
- North Texas Philosophical Association 2010
- Society for Literature, Science, and the Arts 2010-Present
- Cognitive Science Society 2012-present
- International Society for the History of Philosophy of Science, 2012-present
- Laboratory of Comparative Human Cognition at UCSD 2004-2009
- Distributed Cognition - HCI Lab at UCSD 2007-2009

Professional and Community Service

- 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*, *ACM Computing Surveys*, *Philosophica*, *Spontaneous Generations*, American Philosophical Association (Pacific Division meeting), Canadian Philosophical Association Congress
- Area Editor, *Science and Values*, PhilPapers, <http://philpapers.org/browse/science-and-values>, 2012-present
- Conference Coordinator, Values in Medicine, Science, & Technology Conference, 2010-present
- Conference Coordinator, Comics and Popular Arts Conference in Atlanta, Georgia, 2008-Present
- Representative on the UT Dallas Faculty Senate, 2013-present
- Committee on Committees, UT Dallas, 2015
- Institutional Animal Care and Use Committee, UT Dallas, 2014-present
- 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
- Graduate Student Referee, *Science, Technology, and Human Values* 2007-08
- UCSD Graduate Life Steering Committee, Summer 2008 - Spring 2009
- Graduate Student Representative, UCSD Search Committee for Dean of Arts and Humanities, 2008
- Organizing Committee, UCSD Philosophy Graduate Symposium 2008-2009
- Department Representative, UCSD Graduate Student Association, 2008-2009
- Representative-Alternate, UCSD Graduate Student Association, 2007-2008