

**Katherine L. Dunlop**

Department of Philosophy, University of Texas  
2210 Speedway, Stop C3500, Austin, Texas 78712  
Email: kdunlop@utexas.edu

**Employment**

**Assistant Professor**, Department of Philosophy, University of Texas at Austin, beginning August 2012.

**Assistant Professor**, Department of Philosophy, Brown University, January 2008 - June 2012.

**Harrington Faculty Fellow**, University of Texas at Austin, September 2010 – May 2011.

**Lecturer**, Department of Philosophy, Stanford University, September – December 2007

**Stanford Humanities Fellow and Lecturer in Philosophy**, Stanford University.  
September 2005 - June 2007.

**Education**

**Ph.D. in Philosophy, University of California, Los Angeles**, September 2005.

Dissertation: *Kant on the Reality of Mathematical Definitions*.

Directed by: C. Tyler Burge, Philosophy, UCLA.

Committee: John Carriero, Philosophy, UCLA; Barbara Herman, Philosophy, UCLA;  
Frederick Burwick, English, UCLA; Charles D. Parsons, Philosophy, Harvard.

**A.B. in Philosophy cum laude, Harvard and Radcliffe Colleges**, June 1998.

Thesis: *Through the Looking-Glass* (examined the use and justification of reflection principles  
in higher set theory). Advisers: Charles D. Parsons and Richard Heck, Jr.

**Publications: Articles**

“What Geometry Postulates: Newton and Barrow on the Relationship of Mathematics to Nature”. In  
*Interpreting Newton*, eds. Eric Schliesser and Andrew Janiak, Cambridge U.P., 2012.

“The Mathematical Form of Measurement and the Proof of Proposition I in Newton’s *Principia*”. *Synthese*  
186 (May 2012): 191-229.

“Kant and Strawson on the Content of Geometrical Concepts”. *Nous* 46 (February 2012): 86-126.

“The Role of Visual Language in Berkeley’s Account of Generality”. *Philosophy and Phenomenological  
Research* 83 (November 2011): 525-559.

“‘The Unity of Time’s Measure’: Kant’s Reply to Locke”. *Philosopher’s Imprint* 9 (June 2009): 1-31.

“Why Euclid’s Geometry Brooked No Doubt: J. H. Lambert on Certainty and  
the Existence of Models”. *Synthese* 167 (March 2009): 33-65.

### **Publications: Book Reviews**

Niccolo Guicciardini, *Isaac Newton on Mathematical Certainty and Method*. *HOPOS* 1 (Fall 2011): 359-364.  
Andrew Janiak, *Newton as Philosopher*. *HOPOS Newsletter X.2* (Continued by *HOPOS*).  
Ursula Goldenbaum and Douglas Jesseph (eds.), *Infinitesimal Differences*. *Intellectual History Review* 3 (2009).  
Kurt Mosser, Necessity and Possibility. *Notre Dame Philosophical Reviews* 05.09.  
Jesse Norman, After Euclid. *History and Philosophy of Logic* 29 (2008): 297-299.

### **Awards and Fellowships**

Harrington Faculty Fellowship, University of Texas at Austin, 2010-11.  
Andrew W. Mellon Postdoctoral Fellowship in the Humanities, Rackham Graduate School, University of Michigan, 2005-06 (declined).

### **Recent Presentations**

“Newton on Conservation and the Activity of Matter”. “Matter and Nature in Early Modern Philosophy” workshop, Ghent University, June 2012.

“Conservation, Activity, and the Argument of the Queries to Newton’s *Opticks*”. Center for Philosophy of Science, Pittsburgh, March 2012.

“Christian Wolff on Definitions, Empirical Knowledge, and the Demonstrative Structure of Science.” “The Classical Model of Science II”, Amsterdam, August 2011.

“Gassendi on the Ontological Status of Spatial Dimensions”. Bucharest-Princeton Seminar In Early Modern Philosophy, Bran, Romania, July 2011.

“Frege on Definitions”. “Frege’s Philosophy of Mathematics”, Bucharest, Romania, May 2011.

Comments on “Does Kant Aim to Explain the Possibility of All Synthetic *A Priori* Judgments?” Eastern Division APA, December 2010.

“Kant’s Case for the Synthetcity of Mathematics in the First *Critique* and Afterwards”. North American Kant Society, University of Western Ontario, October 2010; *HOPOS* (History of Philosophy of Science), Budapest, June 2010.

“Presuppositions in Newton’s Metaphysics of Space and Time”. Midwest Seminar in Early Modern Philosophy, Minneapolis, May 2010; Mid-Atlantic Seminar in Early Modern Philosophy, Johns Hopkins University, April 2010.

“Apriorism and Empirical Science in Barrow’s and Newton’s Metaphysics (of Space and Time)”. “Newton and Empiricism”, Center for Philosophy of Science, Pittsburgh, April 2010.

Comments on Joel Velasco’s “Mathematics and Leibnizian Necessity”. Central Division APA, April 2010.

“Making Time Appear in the Diagram: The Opening Mathematical Argument of Newton’s *Principia*”. “Philosophical Aspects of Symbolic Reasoning” conference, Ghent, Belgium, August 2009.

“Kant on Definitions in Mathematics”. Department of Philosophy, Brandeis University, March 2009.

“Lambert and Kant on the Need for Postulates”. “Kant’s Philosophy of Mathematics” conference, Van Leer Institute, Jerusalem, March 2009.

“Newton and Barrow on Sensible Measures of Absolute Space”. *HOPOS*, Vancouver, June 2008.

“Geometry and the Generality of Signs in Berkeley’s *New Theory of Vision*”. Department of Philosophy, McGill University, March 2008.

Comments on Aaron Bunch’s paper “What Kant Means by Objective Reality”, Pacific Division APA, April 2007.

“Kant on the Content of Geometrical Contents”. Central Division APA, Chicago, April 2007.

“The Unity of Time’s Measure: Kant’s Reply to Locke”. Departments of Philosophy at University of Massachusetts (Amherst), Brown University, and the University of Iowa, March 2007; Virginia Tech, University of California, Davis, University of California, Irvine, and University of Western Ontario, February 2007; University of Miami, University of California, Santa Barbara, and University of Texas at Austin, January 2007; and Division of Humanities and Social Sciences, Caltech, February 2007.

### **Professional Activities**

Organized “Acquaintance: A Conference on the Centenary of Russell’s ‘Knowledge by Acquaintance and Knowledge by Description’”. Speakers: Brie Gertler, Robin Jeshion, David Kaplan, Michael Potter, Ian Proops, and Nathan Salmon. University of Texas, Austin, March 2011.

Organized lecture series, “Berkeley’s *New Theory of Vision*: 300 Years Later”. Received competitive university funding. Speakers: Margaret Atherton, Martha Brandt Bolton, Gary Hatfield, Peter U. Tse, Michael Turvey, James Van Cleve, Nicholas Wade, and Kenneth Winkler. Brown University, October 2008 – May 2009.

Arranged and introduced lecture, “Aesthetic Science: Oxymoron or a Branch of Cognitive Science?”, by Stephen A. Palmer (Psychology, U. C. Berkeley). Humanities Fellows Program, Stanford, April 2007.

Organized lecture series, “Transcendental Philosophy and Relativistic Physics”. Speakers: Michael Friedman, Thomas A. Ryckman. Humanities Fellows Program, Stanford, October 2005.

Refereed manuscripts for *Philosophy and Phenomenological Research*, *Canadian Journal of Philosophy*, *Journal of the History of Philosophy*, *Philosophia Mathematica*, *Dialogue: Canadian Philosophical Review* and Oxford University Press.

Refereed submissions for the New England Colloquium in Early Modern Philosophy.

Served on Program Committee for *HOPOS* 2012. Responsibilities included nomination and selection of keynote speakers and refereeing submissions.