

JEREMY HEIS
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Employment

- 2013-present Associate Professor, Department of Logic and Philosophy of Science, University of California, Irvine.
- 2014-present Associate Professor, Department of Philosophy, University of California, Irvine.
- 2007-2013 Assistant Professor, Department of Logic and Philosophy of Science, University of California, Irvine.

Education

- 2007 Department of Philosophy, University of Pittsburgh; Ph.D.
- 1999 Michigan State University; B.A., Philosophy; B.A., Latin.

Areas of Specialization

History and Philosophy of Mathematics and Logic; Kant (theoretical philosophy); History of Analytic Philosophy; Neo-Kantianism

Areas of Competence

19th Century Philosophy, History of Modern Philosophy, Logic, Philosophy of Race

Publications

1. "Ernst Cassirer's Neo-Kantian Philosophy of Geometry." *British Journal for the History of Philosophy* 19 (2011): 759-94. (This paper received the 2011 Rogers Prize from the British Society for the History of Philosophy.)
2. "Frege, Lotze, and Boole." *The Historical Turn in Analytic Philosophy*, edited by Erich Reck, 2013.
3. "'Critical philosophy begins at the very point where logic leaves off': Cassirer's response to Frege and Russell." *Perspectives on Science* 18 (2010): 383-408.
4. "Attempts to Rethink Logic." *The Cambridge History of Philosophy in the 19th Century*, edited by Susan Songsuk Hahn and Allen Wood, 2012.

5. "Ernst Cassirer, Kurt Lewin, and Hans Reichenbach." *The Berlin Group and the Philosophy of Logical Empiricism*, edited by Nikolay Milkov and Volker Peckhaus, 2012.
6. "The Priority Principle from Kant to Frege." *Noûs* 48 (2014): 268–297. DOI: 10.1111/nous.12053.
7. "Ernst Cassirer's *Substanzbegriff und Funktionsbegriff*." *HOPOS: The Journal of the International Society for the History of Philosophy of Science* 4 (2014): 241-70. DOI: 10.1086/676959.
8. "Kant on Parallel Lines: " To appear in *Kant's Philosophy of Mathematics: Modern Essays. Vol.1: The Critical Philosophy and Its Background*, edited by Ofra Rechter and Carl Posy, 201?.
9. "Realism, Functions, and the A Priori: Ernst Cassirer's Philosophy of Science" *Studies in the History and Philosophy of Science* 48 (2014): 10-9. DOI: 10.1016/j.shpsa.2014.08.003.
10. "Kant (versus Leibniz, Wolff, and Lambert) on Real Definitions in Geometry." *Canadian Journal of Philosophy* 44 (5-6):605-630. DOI:
11. * "Arithmetic and Number in the Philosophy of Symbolic Forms." In *The Philosophy of Ernst Cassirer: Novel Assessments*, eds. J Tyler Friedman and Sebastian Luft, 2015.

Book Reviews

12. Review of *The Origins of Analytic Philosophy: Kant and Frege* by Delbert Reed. In *Notre Dame Philosophical Reviews*, <http://ndpr.nd.edu/news/23739-the-origins-of-analytic-philosophy-kant-and-frege/>, September 2008 (3000 words).
13. Review of *The Cambridge Companion to Frege*, ed by Michael Potter and Tom Ricketts. In *Notre Dame Philosophical Reviews*, <http://ndpr.nd.edu/news/27511-the-cambridge-companion-to-frege/>, November 2011 (6000 words).
14. Review of Michael Friedman, *Kant's Construction of Nature*. *The Philosophical Review* 123 (2014): 342-54 (5000 words).

Works in Progress

15. "The Geometry Behind Poincaré's Conventionalism"
16. "Why Did Geometers Stop Using Diagrams?"
17. "Russell's Road to Logicism." To appear in *Innovations in the History of Analytical Philosophy*, ed. by Sandra Lapointe and Christopher Pincock.
18. "Neo-Kantianism." To appear in *The Stanford Encyclopedia of Philosophy*.

19. “‘If Numbers Are To Be Anything At All, They Must Be Intrinsically Something’: Bertrand Russell and Mathematical Structuralism.” To appear in *The Pre-History of Structuralism*, ed. by Erich Reck and Georg Schiemer.
20. “If logic has been complete since Aristotle, what’s left for a logician to do?” To appear in *In Kant's Wake*, edited by Sandra Lapointe.
21. “What is Idealism in Neo-Kantian Philosophy of Science?” To appear in *Neo-Kantian Perspectives on the Exact Sciences*, edited by Francesca Biagioli and Marco Giovanelli

Invited Talks

1. * “Frege’s Anti-Psychologism in its Historical Context,” Pacific APA, San Francisco, April 2016
2. * “The Abstractionist Theory of Concept Formation After Kant,” Pacific APA, San Francisco, March 2016
3. * “‘If Numbers are to be anything at all, then they must be intrinsically something’: Bertrand Russell and Mathematical Structuralism,” *The Pre-History of Mathematical Structuralism*, UC Riverside, January 2016
4. * “What is ‘Idealism’ in Neo-Kantian Philosophy of Science?,” *Neo-Kantian Perspectives on the Exact Sciences*, University of Konstanz, Germany, January 2016
5. * “Should Kant have thought that logic was complete since Aristotle?” Departmental Colloquium, Department of Philosophy, McMaster University, November 2015
6. * “Could the Ancients Prove that Any Five Points Determine a Conic: Newton versus Descartes.” *Case Studies in Mathematical Practice*, Paris, July 2015.
7. * “Geometry and the Imagination: Kant on Infinite Lines and Spaces,” Pacific APA, Vancouver, April 2015.
8. * “Why Did Geometers Stop Using Diagrams?,” University of California, Berkeley (Joint Meeting of the Working Group in History and Philosophy of Logic, Mathematics, and Science, and the Office for History of Science and Technology), March 2015.
9. * “Russell: the Royal Road from Geometry,” *Innovations in the History of Analytical Philosophy*, McMaster University, January 2015.
10. * “If logic has been complete since Aristotle, what’s left for a logician to do?” *Logic in Kant's Wake*, McMaster University, January 2015.
11. * “Should Kant Have Said that Logic was Complete Since Aristotle?” Departmental

- Colloquium, Department of Philosophy, University of California, Davis, November 2014.
12. "Cassirer's Philosophy of Arithmetic." *The Philosophy of Ernst Cassirer: A Novel Assessment*, Marquette University, June 2014.
 13. "The Geometry Behind Poincaré's Conventionalism," Conference on the History of Analytic Philosophy, Sponsored by the Ohio State University, Dubrovnik, Croatia, June 2014.
 14. "Why did geometers stop using diagrams?," Department Colloquium, Carnegie Mellon University, March 2014.
 15. Comments on Michael Friedman's *Kant's Construction of Nature*, Biennial meeting of the North American Kant Society, Cornell, May 2013.
 16. "Kant (versus Leibniz and Lambert) on Real Definitions in Geometry," *Kant and the Euclidean Tradition*, The Max Planck Institute for the History of Science, Berlin, April 2013.
 17. "Should Kant have thought that logic was complete since Aristotle?" *Kantian Themes in Analytic Philosophy*, Tel Aviv and Ben Gurion Universities (Israel), December 2012 (unable to attend due to family emergency).
 18. "Leibniz versus Kant on Euclid's Axiom of Parallels," and "The Priority Principle from Kant to Frege," Kant Studies Graduate Program (Israel), December 2012 (unable to attend due to family emergency).
 19. "Cassirer on Substance, Function, and the A Priori," Department Colloquium, Tel Aviv University, December 2012 (unable to attend due to family emergency).
 20. "Why did geometers stop using diagrams?" First Symposium of the Philosophy of Mathematics Association, Notre Dame, October 26, 2012.
 21. "Should Kant have thought that logic was complete since Aristotle?" University of Pittsburgh, April 2012.
 22. "Substance, Function, and the A Priori," Pacific APA, Seattle, April 2012.
 23. "Kant on Parallel Lines," California State University, Long Beach, March 2011.
 24. "Kant on Parallel Lines," The Pacific Study Group of the North American Kant Society, Claremont, CA, December 2010.
 25. Session on history and philosophy of mathematics, winter meeting of the Canadian Mathematical Society, Vancouver, December 2010 (declined).
 26. "Ernst Cassirer on 'Substance-concepts' and 'Function-concepts'", HPLMS Group,

- University of California, Berkeley, November 2010.
27. "Ernst Cassirer on 'Substance-concepts' and 'Function-concepts'", Conference on Mathematical Analysis and the Origins of Analytic Philosophy, York, September 2010.
 28. Invited Participant, Workshop on Rudolf Carnap's *Der Raum*, organized by Pierre Wagner (Paris) and Michael Friedman (Stanford), Vienna, Austria, July 2010.
 29. "Substance-concepts and Function-concepts," given at the conference "The Kantian Legacy in the Philosophy of Mathematics," Turin, Italy, May 2010.
 30. "The Priority Principle from Kant to Frege," given at FregeFest 2010, Irvine.
 31. "Frege, Lotze, and Boole," given at the Southern California History and Philosophy of Logic and Mathematics Group, February 2010.
 32. "Ernst Cassirer's Neo-Kantian Philosophy of Geometry," given at University of California, San Diego, January 2010.
 33. "Ernst Cassirer and the Berlin Group," given at a conference on Hans Reichenbach and the Berlin Group, the University of Paderborn, Germany, September 2009.
 34. "The Priority Principle from Kant to Frege," given at University of North Carolina, Chapel Hill, April 2009.
 35. "Concepts from Kant to Frege," given at University of California, Riverside, February 2009.
 36. "'Critical philosophy begins at the very point where logistic leaves off': Cassirer's response to Frege and Russell," given at University of Nevada, Las Vegas, December 2008.

Refereed Talks

37. "The Geometry Behind Poincaré's Conventionalism," Philosophy of Science Association, San Diego, November 2012.
38. "Leibniz Versus Kant on Euclid's Axiom of Parallels," The International Society for the History of the Philosophy of Science Bi-annual Conference, Halifax, Canada, June 2012.
39. "Kant on Parallel Lines," The International Society for the History of the Philosophy of Science Bi-annual Conference, Budapest, Hungary, June 2010.
40. "'Critical philosophy begins at the very point where logistic leaves off': Cassirer's response to Frege and Russell," The International Society for the History of the Philosophy of Science Bi-annual Conference, Vancouver, Canada, June 2008.

41. "Ernst Cassirer's Philosophy of Mathematics," Midwest Workshop in the Philosophy of Mathematics, Notre Dame, November 2006.

Teaching Experience

At UC, Irvine, Graduate Courses:

- * Kant's *Critique of Pure Reason*, the Analytic (Spring 2016)
- * Kant's *Critique of Pure Reason*, the Dialectic (Winter 2016)
- * Early Modern Philosophy of Mathematics (Fall 2014)
- * The Logic Seminar (with Kai Wehmeier, Sean Walsh, and Richard Mendelsohn, Winter 2014, Winter 2015, Winter 2016)
- * History of Analytic Philosophy I: Frege, Russell, and Wittgenstein (Winter 2010, Winter 2013, Winter 2015)
- * History of Analytic Philosophy II: Carnap to Sellars (Spring 2010, Spring 2013, Spring 2015)
- Kant's *Critique of Pure Reason* (Fall 2013, Fall 2011, Fall 2009, Spring 2008)
- Ernst Cassirer's Philosophy of the Exact Sciences (Spring 2013)
- Philosophy of Geometry (Spring 2011)
- History of Analytic Philosophy I: Frege, Russell, and Wittgenstein (Winter 2010, Winter 2013, Winter 2015)
- History of Analytic Philosophy II: Carnap to Sellars (Spring 2010, Spring 2013, Spring 2015)
- Kant and Early Analytic Philosophy (Spring 2009)
- Philosophy of Mathematics (Fall 2008)
- History of Analytic Philosophy (Winter 2008)

At UC, Irvine, Undergraduate Courses:

- * Philosophy of Race (Spring 2016, Spring 2014, Spring 2012, Winter 2009)
- * Kant's *Critique of Pure Reason*: the Analytic (Spring 2016)
- * Critical Reasoning, online course (Summer 2015, Summer 2016)
- * Critical Reasoning, traditional course (Winter 2016, Summer 2015, Fall 2014, Summer 2014, Fall 2013, Summer 2013, Fall 2012, Summer 2012, Fall 2011, Summer 2011, Summer 2010, Fall 2009, Winter 2009, Fall 2007)
- * History of Analytic Philosophy I (Winter 2015, Winter 2013, Winter 2010, Winter 2008)
- * History of Analytic Philosophy II (Spring 2015, Spring 2013, Spring 2010)
- Philosophy of Mathematics (Fall 2010, Fall 2008)
- Kant's *Critique of Pure Reason* (Fall 2013)

At the University of Pittsburgh: Symbolic Logic, History of Modern Philosophy, Social Philosophy, Philosophy of Religion

Graduate Proposal and Dissertation Committees

As chair: Bennett McNulty (admitted to candidacy, Apr 2012; defended August 2014), "Kant's Philosophy of Chemistry."

Dissertation Committee: Brian Rogers (admitted to candidacy, Jan 2008, defended June 2011), Christina Conroy (admitted to candidacy, Apr 2008; defended June 2010), Michael Ernst (admitted to candidacy, 2012; defended Summer 2014).

Proposal Committee:

Mark Makin (UC Irvine, Philosophy), Monroe Eskew (UC Irvine, Mathematics), Mat Yunker (UC Irvine, Philosophy), Forrest Fleming (UC Irvine, Philosophy), James Negen (UC Irvine, Cognitive Science), Aaron Griffith (UC Irvine, Philosophy), Bach Ho (UC Riverside, Philosophy).

University Service

* 2014-15	Graduate Admissions Committee, Chair
* 2007-09, 11-14, 16	Graduate Admissions Committee
2009-14	Graduate Placement Committee, Chair
2007-9, 10-11, 13-14	LPS Faculty Search Committee
2007-09	Graduate Placement Committee
2007-09, 11-13	Graduate Admissions Committee
2008-09	Justine Lambert Prize Committee

Member, *Science, Technology, and Race Research Cluster* (School of Humanities, UC Irvine, 2014-5)

Professional Service

Reviewer for Journals:

**Archiv für Geschichte der Philosophie*
**British Journal for the History of Philosophy,*
British Journal for the Philosophy of Science,
Bulletin of Symbolic Logic,
Canadian Journal of Philosophy,
**Dialectica*
History and Philosophy of Logic,
**HOPOS,*
**Journal for the History of Analytical Philosophy,*
Kantian Review,
Philosophers Imprint,
**Philosophia Mathematica,*
**Philosophy of Science,*
**Studies in History and Philosophy of Science,*
Synthese,
Theoria,
Dialectica,
Perspectives on Science,
Philosophy Quarterly.

Reviewer for Presses: Cambridge University Press

Served as Ad Hoc proposal reviewer for Canadian Social Sciences and Humanities Research Council (2013)

Conference Organization: *Conference on Mathematical Depth* (co-organizer, Irvine, 2014), *Frege Fest IV* (co-organizer, Irvine, 2013), *Themes in the History of Analytic Philosophy* (organizer, Irvine, 2011)

Member of Program Committee: Association of Symbolic Logic 2011 annual meeting, Association of Symbolic Logic 2011 Pacific APA meeting

Fellowships and Awards

* Bertrand Russell Professor, Bertrand Russell Research Centre, McMaster University, 2015.

Rogers Prize, British Society for the History of Philosophy (for the best paper published in *British Journal for the History of Philosophy*), 2011.

Social Science Assistant Professor Research Award, University of California, Irvine, 2011.

Special Research Grant, University of California, Irvine, 2010.

Baden-Württemberg Stipend, University of Konstanz, Germany, 2006.

Research Languages

German, Greek, Latin