

JEREMY HEIS
CV, updated July 2019

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

5. 2012b. "Ernst Cassirer, Kurt Lewin, and Hans Reichenbach." *The Berlin Group and the Philosophy of Logical Empiricism*, edited by Nikolay Milkov and Volker Peckhaus.
6. 2014a. "The Priority Principle from Kant to Frege." *Noûs* 48: 268–297. DOI: 10.1111/nous.12053.
7. 2014b. "Ernst Cassirer's *Substanzbegriff* und *Funktionsbegriff*." *HOPOS: The Journal of the International Society for the History of Philosophy of Science* 4: 241-70. DOI: 10.1086/676959.
8. 20??a. "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. 2014c. "Realism, Functions, and the A Priori: Ernst Cassirer's Philosophy of Science" *Studies in the History and Philosophy of Science* 48: 10-9. DOI: 10.1016/j.shpsa.2014.08.003.
10. 2014d. "Kant (versus Leibniz, Wolff, and Lambert) on Real Definitions in Geometry." *Canadian Journal of Philosophy* 44 (5-6): 605-630.
11. 2015. "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.
12. 2017. "Russell's Road to Logicism." *Innovations in the History of Analytical Philosophy*, ed. by Sandra Lapointe and Christopher Pincock. Palgrave Macmillan.
13. 2018. "Neo-Kantianism." *The Stanford Encyclopedia of Philosophy*. 2018.
14. 2019. "The Logicians of Kant's School; Or, If logic has been complete since Aristotle, what's left for a logician to do? " *Logic from Kant to Russell: Laying the Foundations for Analytic Philosophy*, edited by Sandra Lapointe. Routledge.
15. 2020. "'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.
16. 20??d. "'Idealism' in Neo-Kantian Philosophy of Science." To appear in *Neo-Kantian Perspectives on the Exact Sciences*, ed. by Francesca Biagioli, Marco Giovanelli, and Flavia Padovani. Routledge.

Book Reviews

17. 2008. 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).

18. 2011b. 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).
19. 2014e. Review of Michael Friedman, *Kant's Construction of Nature*. *The Philosophical Review* 123 (2014): 342-54 (5000 words).

Under review, paper available

20. 20??b. "Leibniz versus Kant on Euclid's Axiom of Parallels"
21. 20??c. "The Geometry Behind Poincaré's Conventionalism"

Works in Progress

22. "Why Did Geometers Stop Using Diagrams?"
23. Review of *Frege und die kontinentalen Ursprünge der analytischen Philosophie*, by Gottfried Gabriel & Sven Schlotter. *Journal of the History of Analytic Philosophy*.
24. "Frege's Anti-Psychologism in its Historical Context"
25. "Did Kant Believe that Logic is Analytic? Maybe Not."

Invited Talks

1. "Structuralism and If-thenism in Russell's *Principles of Mathematics*." *Origins of Structuralism*. University of Vienna. August 2019.
2. "Frege's Anti-Psychologism in its Historical Context." *The Society for the Study of the History of Analytic Philosophy 2019 Annual Meeting*. June 2019.
3. "Could the ancients prove that any five points determine a conic? Manders (with help from Descartes) versus Newton." *A Conference in Honor of the Philosophical Contributions of Kenneth Manders*. University of Pittsburgh. November 2018
4. "What is 'Idealism' in Cassirer's Philosophy of Science?" Philosophy of Science Biennial Meeting. November 2018
5. "Why Did Geometers Stop using Diagrams?" *Mathematics and its Philosophy between the 18th and the 19th Century*. The eIdeas Group at the University of Amsterdam, Netherlands. July 2018
6. "Did Kant believe that logic is analytic? Maybe not." The Orange County and Inland Empire Seminar in the History and Philosophy of Mathematic and Logic. CSU San

- Bernadino. April 2018
7. "Why Did Geometers Stop Using Diagrams?," Central APA, Kansas City, March 2017
 8. "Did Kant believe that logic is analytic? Maybe not." Departmental Colloquium, Department of Philosophy, University of California, Berkeley, January 2017
 9. "Frege's Anti-Psychologism in its Historical Context," University of Connecticut, Department Colloquium, November 2016
 10. "Why Did Geometers Stop Using Diagrams?," University of Connecticut Logic Group, November 2016
 11. "Why Did Geometers Stop Using Diagrams?," Faculty Seminar in the History and Philosophy of Mathematics, The Claremont colleges, November 2016
 12. "Frege's Anti-Psychologism in its Historical Context," Pacific APA, San Francisco, April 2016
 13. "The Abstractionist Theory of Concept Formation After Kant," Pacific APA, San Francisco, March 2016
 14. "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
 15. "What is 'Idealism' in Neo-Kantian Philosophy of Science?," *Neo-Kantian Perspectives on the Exact Sciences*, University of Konstanz, Germany, January 2016
 16. "Should Kant have thought that logic was complete since Aristotle?" Departmental Colloquium, Department of Philosophy, McMaster University, November 2015
 17. "Could the Ancients Prove that Any Five Points Determine a Conic: Newton versus Descartes." *Case Studies in Mathematical Practice*, Paris, July 2015.
 18. "Geometry and the Imagination: Kant on Infinite Lines and Spaces," Pacific APA, Vancouver, April 2015.
 19. "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.
 20. "Russell: the Royal Road from Geometry," *Innovations in the History of Analytical Philosophy*, McMaster University, January 2015.
 21. "If logic has been complete since Aristotle, what's left for a logician to do?" *Logic in*

- Kant's Wake*, McMaster University, January 2015.
22. "Should Kant Have Said that Logic was Complete Since Aristotle?" Departmental Colloquium, Department of Philosophy, University of California, Davis, November 2014.
 23. "Cassirer's Philosophy of Arithmetic." *The Philosophy of Ernst Cassirer: A Novel Assessment*, Marquette University, June 2014.
 24. "The Geometry Behind Poincaré's Conventionalism," Conference on the History of Analytic Philosophy, Sponsored by the Ohio State University, Dubrovnik, Croatia, June 2014.
 25. "Why did geometers stop using diagrams?," Department Colloquium, Carnegie Mellon University, March 2014.
 26. Comments on Michael Friedman's *Kant's Construction of Nature*, Biennial meeting of the North American Kant Society, Cornell, May 2013.
 27. "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.
 28. "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).
 29. "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).
 30. "Cassirer on Substance, Function, and the A Priori," Department Colloquium, Tel Aviv University, December 2012 (unable to attend due to family emergency).
 31. "Why did geometers stop using diagrams?" First Symposium of the Philosophy of Mathematics Association, Notre Dame, October 26, 2012.
 32. "Should Kant have thought that logic was complete since Aristotle?" University of Pittsburgh, April 2012.
 33. "Substance, Function, and the A Priori," Pacific APA, Seattle, April 2012.
 34. "Kant on Parallel Lines," California State University, Long Beach, March 2011.
 35. "Kant on Parallel Lines," The Pacific Study Group of the North American Kant Society, Claremont, CA, December 2010.
 36. Session on history and philosophy of mathematics, winter meeting of the Canadian

- Mathematical Society, Vancouver, December 2010 (declined).
37. "Ernst Cassirer on 'Substance-concepts' and 'Function-concepts'", HPLMS Group, University of California, Berkeley, November 2010.
 38. "Ernst Cassirer on 'Substance-concepts' and 'Function-concepts'", Conference on Mathematical Analysis and the Origins of Analytic Philosophy, York, September 2010.
 39. Invited Participant, Workshop on Rudolf Carnap's *Der Raum*, organized by Pierre Wagner (Paris) and Michael Friedman (Stanford), Vienna, Austria, July 2010.
 40. "Substance-concepts and Function-concepts," given at the conference "The Kantian Legacy in the Philosophy of Mathematics," Turin, Italy, May 2010.
 41. "The Priority Principle from Kant to Frege," given at FregeFest 2010, Irvine.
 42. "Frege, Lotze, and Boole," given at the Southern California History and Philosophy of Logic and Mathematics Group, February 2010.
 43. "Ernst Cassirer's Neo-Kantian Philosophy of Geometry," given at University of California, San Diego, January 2010.
 44. "Ernst Cassirer and the Berlin Group," given at a conference on Hans Reichenbach and the Berlin Group, the University of Paderborn, Germany, September 2009.
 45. "The Priority Principle from Kant to Frege," given at University of North Carolina, Chapel Hill, April 2009.
 46. "Concepts from Kant to Frege," given at University of California, Riverside, February 2009.
 47. "'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

48. "The Geometry Behind Poincaré's Conventionalism," Philosophy of Science Association, San Diego, November 2012.
49. "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.
50. "Kant on Parallel Lines," The International Society for the History of the Philosophy of Science Bi-annual Conference, Budapest, Hungary, June 2010.

51. "Critical philosophy begins at the very point where logic 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.
52. "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* (Fall 2019, Fall 2013, Fall 2011, Fall 2009, Spring 2008)
 *Philosophy of Geometry (Spring 2018)
 *The Logic Seminar (cotaught, Winter 2014, Winter 2015, Winter 2016, Winter 2017, Winter 2018, Spring 2019)
 *History of Analytic Philosophy I: Frege, Russell, and Wittgenstein (Winter 2010, Winter 2013, Winter 2015, Winter 2017, Winter 2019)
 *History of Analytic Philosophy II: Carnap to Sellars (Spring 2010, Spring 2013, Spring 2015, Spring 2017, Spring 2019)
 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)
 Ernst Cassirer's Philosophy of the Exact Sciences (Spring 2013)
 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 2018, 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, Summer 2017, Summer 2018, Summer 2019)
 *Critical Reasoning, hybrid course (Winter 2017, Fall 2017, Fall 2019)
 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 2019, Winter 2017, Winter 2015, Winter 2013, Winter 2010, Winter 2008)
 *History of Analytic Philosophy II (Spring 2019, Spring 2017, 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:

*J. Ethan Galebach (admitted to candidacy, March 2017; defended, November 2018), "Representing Geometry: Perception, Concepts, and Knowledge"

*Kourosh Alizadeh (admitted to candidacy, May 2017; defended May 2018), "The Transcendental Unity of Apperception from Kant to Hegel"

*Samuel Eklund (admitted to candidacy, June 2018), "Leibniz's Philosophy of Infinity"

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

Dissertation Committee:

Bach Ho (admitted to candidacy, May 2010, defended May 2017); 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:

*Gregory Lauro, *Elliott Chen, *Fabio Dal Conti Lampert, *Charles Leitz, *Christopher Mitsch, *Jeffrey Schatz, *William Stafford, *Samuel Kelso (UC Irvine, Philosophy)

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).

M.A. Students

*Stella Moon (2018-), *Toni Queck (2018-), *Bruce Rushing (2019-), *Tianyu Wu (2017-9)

University Service

Department:

*2019-20	LPS Director of Graduate Studies
*2017-8	Graduate Admissions Committee
*2017-8	Graduate Placement Chair
*2018-9	LPS Academic Personnel Co-chair
2014-15	Graduate Admissions Committee, Chair
2007-14, 16-17	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

Campus:

*2018-9 Ad hoc reviewer, CORCL
2014-5 Member, *Science, Technology, and Race Research Cluster* (School of Humanities, UC Irvine)

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*
**Erkenntnis*
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,
Perspectives on Science,
Philosophy Quarterly.

Tenure Reviewer: *UC Santa Cruz, *Saint Mary's University (Canada), *Georgetown

External Grant Reviewer: Carleton College (2016)

Reviewer for Presses: Cambridge University Press

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

Conference Organization:

Pacific Study Group, North American Kant Society (chair, Irvine, 2016)
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.

Community Service/Contributions to Diversity

Member, Webster Elementary School Site Council, West Long Beach, CA (2016-8)
Coach and Field Maintenance, West Long Beach Little League, Long Beach, CA (2014-)

Research Languages

German, Greek, Latin