

August 2019

Curtis Franks

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Academic positions

- Associate Professor of Philosophy
College of Arts and Letters
University of Notre Dame, 2013 – present
- Assistant Professor of Philosophy
College of Arts and Letters
The University of Notre Dame, 2006 – 2013

Administrative positions

- Director of Graduate Studies
Department of Philosophy
University of Notre Dame, 2014 – present
- Editorial Board
Notre Dame Journal of Formal Logic,
2013 – present

Other positions

- Member of the Association of Advanced
Rabbinical and Talmudical Schools, 2018 – present

Areas of research

- history and philosophy of logic
- philosophy of mathematics
- proof theory
- Wittgenstein

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Education

- University of California, Irvine
Department of Logic and Philosophy of Science
Dissertation directed by Aldo Antonelli
PhD. June 2006
- William Marsh Rice University. Houston, Texas
B. A. in mathematics and philosophy, *magna cum laude* 2000

Professional memberships

- Association of Symbolic Logic
- American Philosophical Association

Published writing

ESSAYS

1. “The Gödelian inferences,” *History and Philosophy of Logic* **30**(3), 2009, 241–256.
2. “Cut as consequence,” *History and Philosophy of Logic* **31**(4), 2010, 349–379.
3. “Stanley Tennenbaum’s Socrates,” in J. Kennedy and R. Kossak (eds.) *Set Theory, Arithmetic, and Foundations of Mathematics: Theorems, Philosophies*. Cambridge University Press. 2011.
4. “The realm of the sacred, wherein we may not draw an inference from something which itself has been inferred,” *History and Philosophy of Logic* **33**(1), 2012, 69–86.
5. “Logical completeness, form, and content: an archaeology,” in J. Kennedy (ed.) *Interpreting Gödel: Critical Essays*. Cambridge University Press. 2014.
6. “Logical nihilism,” in P. Rush (ed.) *The Metaphysics of Logic*. Cambridge University Press. 2014.
Reprinted in A. Hirvonen, J. Kontinen, R. Kossak, A. Villaveces (eds.), *Logic Without Borders*. de Gruyter. 2015.
7. “David Hilbert’s contributions to logical theory,” in A. P. Malpass and M. Antonutti-Marfori (eds.) *The History of Philosophical and Formal Logic*. Bloomsbury Press. 2017.
8. “Constructing the simples,” in P. Ordning and R. Kossak (eds.), *Simplicity: Ideals of Practice in Mathematics and the Arts*. Springer. 2017.
9. “The context of inference,” *History and Philosophy of Logic* **39**(4), 2018, 365–95.
10. “Wittgenstein’s wayward student: the unauthorized autobiography,” to appear in J. Kennedy and S. Arbeiter (eds.) *Penelope Maddy on the Philosophy of Mathematics*, Outstanding Contributions to Logic. Springer.

BOOKS

1. *The Autonomy of Mathematical Knowledge: Hilbert's Program Revisited*. Cambridge University Press. 2009. 232 pgs.

Invited lectures

1. "Some questions for the philosophy of mathematics," American Mathematical Society, Central Sectional Meeting. Madison, Wisconsin. Fall 2019.
2. "Logical completeness: the very idea" (five lectures) *Scandinavian Logic Society and Association of Symbolic Logic* Summer School. Helsinki. 2015.
3. "The complexity of simplicity" *Simplicity: Ideals of Practice in Mathematics and the Arts*, New York City 2013.
4. "An ancient sub-structural logic" CUNY logic seminar, (computer science department) 2012.
5. "Gödel's last thought on Gentzen's consistency proof" CUNY logic seminar, (mathematics department) 2012.
6. "Sacred inference" 25th Bar-Hillel lectures, Jerusalem 2011.
7. "What set theory and category theory can teach an anti-foundationalist" Philmath Intersem, Paris 2010.

Current projects

- *Logical Completeness from Aristotle to Henkin*, a monograph expanding the accounts and results found in essays [2], [5], and [7]
- "Associating consequence relations with logical systems," logic research combining categorical and algebraic logic
- "The Deduction Theorem: four perspectives," an essay showing how the same fundamental result arises in different frameworks in different forms, with consequences for the history and content of logic

Doctoral students

1. Chris Porter, “Mathematical and philosophical perspectives on algorithmic randomness” (co-directed with Michael Detlefsen and Peter Cholak). 2012.
2. Matteo Bianchetti, “The epistemic role of geometricality in mathematical thought” (co-directed with Michael Detlefsen). current.
3. Ellen Lehet, “Category theory’s role in shaping modern mathematics.” current.

Senior theses

1. Patrick Corry, philosophy
2. Thomas Graff, philosophy/theology concentration (co-directed)
3. Taylor Nutter, philosophy
4. James Schmidt, philosophy
5. Elliott Peirce, program for liberal studies
6. Steven White, philosophy/theology concentration (co-directed)
7. Mark Cerenzia, mathematics (co-directed)

Service

- *Notre Dame Journal of Formal Logic* editorial board, 2013 – present
- organizing Committee for the 2009 Annual Meeting of the Association of Symbolic Logic
- chair of special session “Logic and Philosophy” for the 2018 Annual Meeting of the Association of Symbolic Logic
- organizing Committee for the Midwest Philosophy of Mathematics Workshop. 2006 – 2018
- UND Department of Philosophy
Philosophy of Biology Search Committee (chair)

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- UND Department of Philosophy
Director of Graduate Studies. 2014 – present
- UND College of Arts and Letters
Academic Council. 2014 – 2017
- UND College of Arts and Letters
Academic Honesty Committee. (chair) 2015 – 2018
- UND College of Arts and Letters
Academic Honesty Committee. 2013 – present
- UND College of Arts and Letters
Undergraduate Studies Committee. 2014 – present
- UND Department of Philosophy
Committee of Appointments and Promotions. 2014 – 2017
- UND Department of Philosophy
Graduate Student Admissions committee. 2013 – 2018
- UND Department of Philosophy
Undergraduate Curriculum Committee. 2010 – present
- UND Department of Philosophy
Comprehensive History Exam Committee (chair). 2011, 2015

Scholarships and fellowships

- University of California Regents Dissertation Writing Fellowship, 2005
- National Merit Scholarship, 1998

Distinctions, honors, and awards

- University of Notre Dame Director of Graduate Studies Award, 2018
- Phi Beta Kappa
- Hubert E. Bray Prize in Mathematics