

Patricia A. Blanchette

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Areas of Specialization: History and Philosophy of logic; Philosophy of mathematics; Foundations of analytic philosophy; Philosophy of Language.

Education

Ph.D. (Philosophy), Stanford University
B.A. (Philosophy), University of California, San Diego

Employment

August 1993 – Present: University of Notre Dame, Dept. of Philosophy

- May 2020 – Present: McMahan-Hank Chair of Philosophy
- June 2017 – May 2020: Glynn Family Honors College Professor
- May 2012 – Present: Professor
- May 2000 – May 2012: Associate Professor
- August 1993 – May 2000: Assistant Professor

July 1990 - July 1993: Yale University. Assistant Professor, Dept. of Philosophy.

Awards, Fellowships

- 2019: Rev. Edmund P. Joyce CSC Award for Excellence in Undergraduate Teaching
- 2007-08: Sabbatical Fellowship, *American Philosophical Society*
- 1998: *The Philosopher's Annual* citation for "one of the ten best articles published in philosophy in 1996," for "Frege and Hilbert on Consistency," *Journal of Philosophy* XCIII.

Grants

- 2019: Henkels Large Conference Grant (\$20,000) for the conference *Mathematics in Philosophy: Purity and Idealization*

Interviews etc.

- YouTube broadcast of November 2020 interview by JJ Joaquin for *Philosophy and What Matters*
<https://sites.google.com/site/jeremiahjoventjoaquin/philosophy-what-matters>
- YouTube broadcast of October 2020 *Oxford Philosophy of Maths* Lecture "Frege, Caesar and Hume's Principle:"
<https://www.youtube.com/watch?v=GGzLuo6xvdQ>
- Interview by Aleksandra Davidovic and Sasa Popovic at *The Reasoner* Vol 14 No 5, October 2020.
- Podcast on Frege's Logicism for *Elucidations*, University of Chicago:
http://humstatic.uchicago.edu/philosophy/elucidations/Blanchette_FregesLogicism.m

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Publications:

Book

- *Frege's Conception of Logic*, Oxford University Press 2012

Reviewed in:

- *Philosophia Mathematica* 22, 1 (2014) pp 108-120.
- *Journal of the History of Philosophy* 52 (2014) pp 176-177.
- *Bulletin of Symbolic Logic* 19, 2 (2013) pp 219-222.
- *Notre Dame Philosophical Reviews* (2013) online.

Articles

Published or in press:

- "Second Philosophy and Realism" in *Penelope Maddy on the Philosophy of Mathematics*, J. Kennedy and S. Arbeiter (eds), Springer, forthcoming.
- "Frege on Caesar and Hume's Principle" in F. Boccuni, A. Sereni (eds.), *Origins and Varieties of Logicism. A Foundational Journey in the Philosophy of Mathematics*, Routledge 2021, 27-54.
- "Axioms in Frege," *Essays on Frege's Basic Laws of Arithmetic*, edited by Marcus Rossberg and Philip Ebert, Oxford University Press, 2019, 31-56.
- "The Frege-Hilbert Controversy" in the *Stanford Encyclopedia of Philosophy* <http://plato.stanford.edu/entries/frege-hilbert/> (first posted 2007; substantial update 2018).
- "Models in Geometry and Logic: 1870-1920," *Logic, Methodology and Philosophy of Science – Proceedings of the 15th International Congress*, edited by Leitgeb, Niiniluoto, Seppälä, & Sober, London: College Publications 2017, 41-61.
- "Models and Independence circa 1900," *Logica Yearbook 2015*, London: College Publications 2016, 17-38. *Much of the material in this paper appears also in the expanded "Models in Geometry and Logic: 1870-1920," 2017.*
- "Philosophy of Logic," *Philosophy of Logic: 5 Questions*, Automatic Press 2016, 25-35.
- "Frege on Mathematical Progress," *Early Analytic Philosophy: New Perspectives on the Tradition* edited by Sorin Costreie; Springer Verlag 2016, 3-19.
- "The Breadth of the Paradox," *Philosophia Mathematica* Vol 24 No. 1 (2015), 30-49.
- "Reply to Cook, Rossberg, and Wehmeier," *Journal of the History of Analytic Philosophy*, Vol 3 No. 7 (2015).
- "Frege" in *Oxford Handbook of German Philosophy in the Nineteenth Century*, M. Forster and K. Gjesdal (eds), Oxford University Press 2015, 207-227.
- "Frege's Critique of 'Modern' Axioms" in *Frege: Freund(e) und Feind(e), Proceedings of the International Conference*, Dieter Schott (ed), Berlin: Logos Verlag 2015, 105-120.
- "Frege on Formality and the 1906 Independence Test," *Formalism and Beyond: On the Nature of Mathematical Discourse*, Godehard Link (ed), Boston/Berlin: de Gruyter 2014, pp 97-118.
- "From Logicism to Metatheory," *The Palgrave Centenary Companion to Principia Mathematica*, B. Linsky and N. Griffin (eds), Palgrave Macmillan 2013, pp 59-78.

- "Frege on Shared Belief and Total Functions," *Journal of Philosophy* CIX 1/2 (Jan/Feb 2012) pp 9-39.
- "Frege on Consistency and Conceptual Analysis," *Philosophia Mathematica* 15, 3 (2007) pp 321-346.
- "Mathematical Objects and Identity," *Situating Semantics: Essays on the Philosophy of John Perry*, M. O'Rourke and C. Washington (eds) MIT Press 2007, pp 73-92.
- "Logical Consequence," *Blackwell Guide to Philosophical Logic* (Blackwell: Malden MA and Oxford 2001), 115-135.
- "Realism and Paradox," *Notre Dame Journal of Formal Logic* 41, 3 (2000) 227-241.
- "Models and Modality," *Synthese* Vol 124, No.1/2 (July 2000), 45-72.
- "Relative Identity and Cardinality," *Canadian Journal of Philosophy* Vol. 29, No. 2 (June 1999), 205-224.
- "Frege and Hilbert on Consistency," *Journal of Philosophy* XCIII (July 1996), 317-336.
 - Reprinted in *The Philosopher's Annual* Vol XIX (1998), 33-51.
 - Reprinted in *Gottlob Frege: Critical Assessments of Leading Philosophers* Vol II (Reck, E. and M. Beaney, eds), Routledge 2005 pp 29-49.
- "Frege's Reduction," *History and Philosophy of Logic* Vol. 15 (1994), 85-103.
- "Fregean Thoughts and Indexicals," *CSLI Report* No. CSLI-88-134, Center for the Study of Language and Information, Stanford University, Nov. 1988.

Book Reviews

- Review of *Functions and Generality of Logic*, Benis-Sinaceur, Panza, and Sandu (eds) in *Philosophia Mathematica* 27/2 (June 2019) pp 289-294.
- Review of Alexander George and Daniel Velleman: *Philosophies of Mathematics* in *Philosophia Mathematica* (Series III) Vol 11 Number 3 (2003) pp 358-362.
- Review of Colin McGinn's *Logical Properties*. Notre Dame Philosophical Reviews, 2002.

Encyclopedia Entries

- "Logical Consequence" in *Encyclopedia of Language and Linguistics*, 2nd Edition, Elsevier Press (2005)
- "Realism in the Philosophy of Mathematics," *Routledge Encyclopedia of Philosophy* (1998).

Invited Lectures

- "Inferentialism, Content and Frege" at the Institute Vienna Circle, University of Vienna (via Zoom), June 2021
- "Geometry, Logic and Philosophy: The Case of the Parallels Postulate," *The Calgary Mathematics and Philosophy Lecture*, University of Calgary, Calgary, Alberta (via Zoom), March 2021

- "Frege on Caesar and Hume's Principle" at the Oxford Philosophy of Maths Seminar, Oxford University (via Zoom), October 2020.
- "Logicisms and Epistemology: Frege and Dedekind," Society for the Study of the History of Analytic Philosophy at the APA Central Meeting, Chicago. February 2020
- "Mathematical Realisms" at the French Philosophy of Mathematics Workshop, Paris, November 2019
- "Logic and Geometry: Why Logical Claims Aren't Always What They Seem to Be" at Macalester College, October 2019
- "Frege and What Philosophy of Mathematics Can(not) Do" at the American Mathematical Society Meeting in Madison WI, September 2019
- "Axioms, Models and Theories" at the *Association for Symbolic Logic* meeting in Denver CO, February 2019
- "Caesar and Objects Again" at the *Workshop in the History of Analytic Philosophy*, University of Connecticut/Storrs, November 2018
- "Axioms: From Geometry to Logic" at the *Modern Axiomatics and Early Metatheory Workshop*, Vienna February 2018
- "What Does a Model Show?" University of Illinois at Chicago, November 2017
- "What Does a Model Show?" *SWIP-Analytic* at NYU, October 2017
- "Geometry and Logic," plenary address at the Cambridge Graduate Conference on Philosophy of Mathematics and Logic, University of Cambridge (England), January 2017
- "Models from Geometry to Logic," *The 50th Chapel Hill Colloquium*, UNC-Chapel Hill, October 2016
- "Models in Geometry and Logic," department colloquium at the University of Ottawa (Canada), September 2016
- "Arbitrariness and Conceptual Analysis in Frege," Society for the Study of the History of Analytic Philosophy, Central APA, Chicago March 2016.
- "Models in Geometry and Logic: 1870-1920," Plenary address at the International Congress on Logic, Methodology and Philosophy of Science, Helsinki. August 2015.
- "Models and Independence *circa* 1900," Invited lecture at the *Logica* conference, Hejnice, Czech Republic. June 2015.
- "Logic and Conceptual Analysis in Frege," University of Pavia (Italy), May 2015.
- "Frege on Abstraction":
 - Università Vita-Salute San Raffaele, Milan; May 2015
 - *Logica* seminar, University of Barcelona, May 2015
- "Models in Geometry and Logic," Oberlin College Philosophy Department Colloquium, April 2015
- "The Birth of Semantic Entailment" :
 - Plenary address at the Logic Colloquium 2014 in Vienna ("Vienna Summer of Logic"), July 2014;
 - Southern Wisconsin Logic Colloquium, October 2014
- "Frege on Mathematical Progress," Invited address at the Philosophy of Mathematics session of the Logic Colloquium, Vienna, July 2014
- "What Does a Model Show?" Plenary address at the Society for the Study of the History of Analytical Philosophy, Montreal, May 2014

- "Sense and Ignorance," invited address at the "Content, Context and Inference in Frege; Frege@Stirling II" workshop, Stirling, Scotland, May 2014
- "Getting to Hilbert-Ackermann Completeness: Early Steps," invited address at the Association of Symbolic Logic Spring Meeting, San Diego, April 2014
- "Author Meets Critics" book symposium on my *Frege's Conception of Logic* at the American Philosophical Association Pacific Division Meeting, San Diego, April 2014
- Contribution to the Book Symposium on Richard Heck's *Frege's Theorem*, American Philosophical Association Eastern Division Meeting, Baltimore, December 2013
- "Applications and Content: Frege and Gödel on Mathematics as Syntax," Munich Center for Mathematical Philosophy, Munich, July 2013
YouTube version here:
<https://www.youtube.com/watch?v=y8yZp-cjR2I>
- "Axioms in Frege":
 - *Third International Frege Conference*, Wismar, Germany, May 2013
 - *FregeFest IV*, University of California, Irvine, April 2013
 - *Grundgesetze* conference, New York University, May 2012
- "Frege's Conception of Logic," Wittgenstein Workshop at the University of Chicago, February 2013
- "The Breadth of the Paradox," Munich Center for Mathematical Philosophy, Munich, January 2013
- "Models and Independence in Geometry and Logic," The Ohio State University Philosophy Department, October 2012
- "Logic and Conceptual Analysis in Frege," CUNY Logic Workshop, September 2012
- "(Frege On) Axioms as Foundations" at the "What are Foundations and What are they For?" conference at Cambridge University, July 2012
- "Axioms and Conceptual Analysis in Frege" at the Bucharest Conference in Analytic Philosophy, University of Bucharest, Romania, June 2012
- "Independence and Entailment" at the Moral Sciences Club, Cambridge University, May 2012
- "Axioms and Structure in Frege" at the "The Classical Model of Science II – the Axiomatic Method," conference, Vrije Universiteit Amsterdam, August 2011
- "Conceptual Analysis, the Peano Axioms, and Logicism in Frege" at the "Logicism Today" workshop, Besse-en-Chandesse, France, June 2011
- "Frege on Conceptual Analysis and Logical Entailment":
 - University of Chicago Workshop on Formal Philosophy, April 2011;
 - Plenary address at the North American annual meeting of the Association for Symbolic Logic, Notre Dame, IN, May 2009;
 - Formal Epistemology Workshop, Pittsburgh PA, June 2009
- "Frege's Metatheory" at the 2010 Paris PhilMath Workshop at the École Normale Supérieure, Paris, France, November 2010
- "From Logicism to Metatheory" at the "PM@100: Logic from 1910 to 1927" conference at McMaster University, Hamilton Ontario, May 2010

- "Domain Extensions and Total Functions in Frege" at the Institut für Logik und Wissenschaftstheorie, Ludwig-Maximilians-Universität, Munich, June 2008
- "A Fregean Conception of Logic" at the American Philosophical Society, Philadelphia PA, May 2008
- "Analysis and the Logical Relations in Frege" at:
 - Dept. of Philosophy, University of Wisconsin at Madison, November 2005;
 - Dept. of Philosophy, University of Wisconsin at Milwaukee, October 2004;
 - Dept. of Philosophy, Ohio State University, July 2004
- "Partial Mathematical Objects" at the Metaphysical Mayhem conference, Syracuse NY, August 2002
- "Universalism: A Fregean Perspective" at the Association of Symbolic Logic meeting, Urbana-Champaign, IL, June 2000
- "Frege's Metatheory" at the Dept. of Logic and Philosophy of Science, University of California/Irvine (February 2000).
- "Frege's Metatheory and the 1906 Independence Test":
 - Northwestern University, Program for the History and Philosophy of Science, January 1999;
 - Purdue University Philosophy Dept, November 1998
- "Platonism and Reduction" at the Inland Northwest Philosophy Conference, Moscow, Idaho, April 1998
- "Models and Modality" at Indiana University - Bloomington Logic Group, November 1997
- "Frege, Hilbert, and Ordinary Consistency" at the University of California, Riverside Philosophy Dept., January 1995
- "Frege's Reduction" at the University of Calgary Philosophy Department, October 1993
- "Frege's Logicism":
 - Brandeis University Philosophy Department, March 1993;
 - University of Wisconsin, Madison Philosophy Dept., November 1992;
 - Manhattanville College Philosophy Department, April 1992
- "Frege's Logicism: A Response to Benacerraf":
 - CUNY Graduate Center, Philosophy Colloquium (October 1990);
 - Stanford University; University of California/Berkeley; University of California/Riverside; University of Texas/Austin; University of Rochester; University of Washington/Seattle (Fall-Winter 1989-90).

Invited Conference Replies

- "Reply to Landini" (topic: Frege's Logicism), American Philosophical Association, Central Division (April 2006)
- "Reply to Newhard" (topic: Kripke's theory of truth), Inland Northwest Philosophy Conference (March 2000).
- "Reply to Rumfitt" (Topic: Frege's Logicism), American Philosophical Association, Central Division, New Orleans (May 1999).
- "Reply to Tait" (Topic: Cantor's *Grundlagen*), American Philosophical Association, Central Division, Chicago (May 1998).

- "Davidson on Quotation: a Reply to Stainton," Canadian Philosophical Association, Western Division, Winnipeg, Manitoba (October 1997).
- "Reply to Macbeth" (Topic: Frege's theory of number), American Philosophical Association, Central Division, Chicago (April 1996).
- "Reply to Ray" (Topic: Logical Consequence), American Philosophical Association, Pacific Division, San Francisco (March 1995).
- "Reply to Perry" (Topic: Indexicals in ordinary language), Berkeley Conference on Philosophy of Language, Berkeley, California (April 1993).
- "Reply to Sher" (Topic: Logical Consequence), American Philosophical Association, Eastern Division, New York (December 1991).

Presentations at Notre Dame:

- October 2015: "Models in Geometry and Logic," Philosophy Department Colloquium.
- October 2014: "The Birth of Semantic Entailment," Logic Colloquium.
- April 2012: "Disquotationalism: It's Worse Than You Thought," mini-conference in honor of Marian David.
- November 2006: "Analysis and the Logical Relations in Frege," Philosophy Department colloquium.
- March 2001: "Realism and Paradox" at the *Logicism and the Paradoxes* conference.
- April 1999: "Frege's Views on Metatheory," Notre Dame Logic Group.
- March 1999: "Frege's Metatheory and the 1906 Independence Test," Philosophy Department Colloquium.
- December 1998: Reply to David VanderLaan's "Impossible Worlds and Counterfactual Semantics," Philosophy Department Colloquium.
- August 1998: Reply to Mike Rea's "Theism and epistemic truth-equivalences," Midwestern Metaphysics meeting.
- February 1998: "Models and Modality," Philosophy Department Colloquium and Notre Dame Logic Group.
- August 1997: "Relative Identity and Cardinality," Midwestern Metaphysics meeting.
- November 1996: "Reply to Halbach" (Topic: Axiomatic Truth-Theories), Philosophy Department Colloquium.
- November 1994: "Frege, Hilbert, and Ordinary Consistency," Philosophy Department Colloquium.
- September 1994: "Reply to Detlefsen" (Topic: Constructivism and Mathematical Knowledge), Philosophy Department Colloquium.
- December 1993: "Frege's Reduction," Philosophy Department Colloquium.

Courses Taught at Notre Dame

Introductory:

Introduction to Philosophy
 Introductory Philosophy of Mind
 Introductory Logic
 Critical Thinking

Intermediate/Advanced:

Philosophy, Science and Mathematics
 Foundations of Analytic Philosophy

Philosophy of Language
Philosophy of Mathematics
History and Philosophy of Logic
Logic

Graduate Seminars:

Frege, Carnap and Quine
Topics in Philosophical Logic
Philosophy of Logic (Logical Pluralism)
Philosophy of Logic (The Emergence of First-Order Logic, 1879-1930)
Philosophy of Logic (Consequence)
The Philosophy of Gottlob Frege
Frege's Philosophy of Logic and Mathematics
Frege's Philosophy of Language
Logic in Metaphysics and Metaphysics in Logic
Contemporary Philosophy of Mathematics

Directed Readings (Graduate Students)

Foundations of Analytic Philosophy
Frege
Wittgenstein
Second-order Logic, Abstraction, and Logicism

Service to the Profession

Associations:

American Philosophical Association:

- Chair, Program Committee for 2020 Eastern meeting;
- Member, Program Committee for 2019 Eastern meeting;
- Referee for the Eastern 2017 meeting;
- Advisory Committee to the Eastern 2016 meeting;
- Nominating Committee, Central Division 2010

Association of Symbolic Logic:

- Chair of the Program Committee, North American Annual Meeting 2016
- Chair and co-organizer (with Pen Maddy) of the special session on Philosophy of Mathematics for the 2015 European Summer Meeting in Helsinki
- ASL Membership Committee, 2009 – 2015
- ASL Council, 2014 - *present*

International Association for the Philosophy of Mathematics (PMA):

- Board member 2010 – *present*; Vice President 2015 - *present*
- Chair of nominating committee 2014

Journals:

Editor, Special Edition of *Notre Dame Journal of Formal Logic* (2021)
Prize Committee, *Bulletin of Symbolic Logic* 2020
Editorial Board, *HOPOS*, 2018 - *present*
Editorial Board, *Philosophia Mathematica* 2014 - *present*
Editorial Board, *Notre Dame Journal of Formal Logic* – *present*
Editor, *Bulletin of Symbolic Logic* 2013 – 2019.

Conferences in addition to APA and ASL (above):

Program Committee, 7th Indian Conference on Logic and Application (2017);

Program Committee, Graduate Conference of the Italian Network for the Philosophy of Mathematics, Trento (2017)
Program Committee, *Logica* 2018, 2017, 2016, and 2015, Hejnice, Czech Republic;
Program Committee, Scandinavian Summer School in Logic (2014-15);
Program Committee, *Scandinavian Logic Symposium* 2014;
Program Committee, *Midwest PhilMath Workshop*, each year 1999-2021

Reviewing and Refereeing:

Reviewer for: *National Science Foundation, American Philosophical Society, Social Sciences and Humanities Research Council (Canada), FNRS (Belgium), Deutsche Forschungsgemeinschaft (Germany), Cambridge University (U.K.), National Science Centre (Poland)*

Referee for: *American Catholic Philosophical Quarterly, American Philosophical Quarterly, Australasian Journal of Philosophy, Broadview Press, The Bulletin of Symbolic Logic, Canadian Journal of Philosophy, Dialectica, Dialogue, Ergo, Erkenntnis, Grazer Philosophische Studien, History and Philosophy of Logic, History of Philosophy Quarterly, The Journal for the History of Analytic Philosophy, The Journal of the History of Philosophy, The Journal of Philosophical Logic, The Journal of Philosophical Research, The Journal of Philosophy, The Journal of Symbolic Logic, Linguistics and Philosophy, Mind, The Notre Dame Journal of Formal Logic, Nous, Oxford University Press, Philosophers' Imprint, Philosophia Mathematica, Philosophical Quarterly, Philosophical Review, Philosophical Studies, Philosophy and Phenomenological Research, The Review of Symbolic Logic, Studia Aristotelica, Synthese, Wadsworth Press; various conferences.*

External Evaluator: *Oberlin College Philosophy Department, 2016-17*

External Evaluator: *University of Wisconsin, Milwaukee, Philosophy Department, February 2020*