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University Arts and Science
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Areas of Specialization: Philosophy of Mathematics, Logic, Philosophy of Logic

Areas of Competence: History of Analytic Philosophy, Metaphysics, Philosophy of Language

Education

- June 2018 UNIVERSITY OF CALGARY
PhD in Philosophy. Dissertation: "New Directions for Neo-logicism" (Supervisor: Richard Zach, Examination Committee: Nicole Wyatt, David Liebesman, Jeremy Fantl, and Roy Cook)
- Dec. 2011 UNIVERSITY OF BRISTOL
Master of Arts (MA) in the Philosophy and History of Science. Dissertation: "New News: Combining Structuralism and Platonism" (Supervisor: Richard Pettigrew)
- June 2010 UNIVERSITY OF BRISTOL
Bachelor of Science (Bsc.) in Physics and Philosophy (Joint Honours)

Publications

- "Is Hume's Principle Analytic?", (with E. Darnell, forthcoming), *Synthese*.
- "Takeuti's Well-ordering Proof: Finitistically Fine?", (with E. Darnell, forthcoming) in D. Schlimm & M. Zack (Eds.), *Research in History and Philosophy of Mathematics: Proceedings of the CSHPM Annual Meeting in Toronto, Ontario*. Birkhäuser. (14pp) (preprint)
- "Cantor, God, and Inconsistent Multiplicities" (2016) in *Studies in Logic, Grammar and Rhetoric* 44(57) pp. 133–146. (Special issue *Theology in Mathematics?* edited by S. Krajewski and K. Trzesicki). (OA PDF)

Conference Presentations

- "Strengthening Truth," (w/ E. Darnell), *Canadian Society for the History and Philosophy of Mathematics (CSHPM)*, UQAM (Montreal), June 4-6, 2018.
- "Takeuti's Well-ordering Proof: Finitistically Fine?," (w/ E. Darnell), *CSHPM*, Ryerson (Toronto), May 28-30, 2017.
- "Is Hume's Principle Analytic (in Frege's Sense)?" (w/ E. Darnell), *Society for the Study of the History of Analytic Philosophy (SSHAP)*, Calgary, May 8-10, 2017.
- "Between Logicism and Neo-Logicism," *CSHPM*, Calgary, May 29-31, 2016.
- "Yet Another Talk on Structuralism and Identity," *Philologica*, Bogotá, Colombia, Feb. 17–19, 2016.

"Are there Uninstantiated Universals? A Fregean Suggestion," *Western Canadian Philosophical Association (WCPA)*, Saskatoon, Oct. 2–4, 2015.

"Finitism and Takeuti's Well-Ordering Proof," *Association of Symbolic Logic Winter Meeting*, Philadelphia, Dec. 27–29, 2014. Abstract published in *The Bulletin of Symbolic Logic* **21**(2), p. 234 (2015).

"Cantor, God and Inconsistent Multiplicities," *Theology in Mathematics?* Krakow, June 8–10, 2014.

"Philosophical vs. Mathematical Intuition," *Northern New England Philosophical Association*, Oct. 19–20, 2012.

"Cantor's Theology of the Infinite," *Hebrew University of Jerusalem Graduate Conference*, July 18–19, 2012.

Other Presentations

"OER: What, Why, When and How," (w/ R. Zach) at *UCalgary Open Education Week*, March, 2018.

"An Entreaty to Neo-Logicians," *UCalgary Philosophy Graduate Colloquium*, Nov., 2017.

"Evaluation of a Student-Oriented Logic Course," (Poster, w/ R. Zach), *International Society for the Study of Teaching and Learning, 2017 (ISSotL17)*, Calgary, Oct., 2017.

"Neo-Logicism: A Prehistory. Logical Considerations," *CSMN/IFIKK*, Oslo, June, 2016.

— — Davis Logic, Language, Epistemology, and Mathematics Working Group (DaLLEMa), UC Davis, November 2016.

Comments on Eamon Darnell's "Is Hume's Principle Analytic in Frege's Sense?," *University of Calgary Graduate Philosophy Conference: Logic and Language*, May 2016.

"Yet Another Talk on Structuralism and Identity," *UCalgary Philosophy Graduate Colloquium*, Feb. 2016.

"Deflationism and Conservativity," Special Session of the *UCalgary Philosophy Graduate Colloquium*, June 2015.

— — DaLLEMa, UC Davis, February 2015.

"Indispensability in the Jungle," Special Session of the *UCalgary Philosophy Graduate Colloquium*, June 2014.

"Cantor, Inconsistent Multiplicities, and God," *UCalgary Philosophy Graduate Colloquium*, October 2013.

"Propositional Attitudes and Millianism," *University of Bristol Philosophy Retreat*, Windsor, April 2011.

Academic Employment

PROFESSIONAL MATHEMATICS TUTOR (College of the Rockies)

Fall 2018 *Finite Mathematics, Calculus 1, Calculus 2, Statistics, Mathematics for Business*

INSTRUCTOR OF RECORD (University of Calgary)

Winter 2017 *Logic I (PHIL279)*

TEACHING ASSISTANT (University of Calgary)

Winter 2018 *Logic 1* (PHIL279)

Fall 2017 *Sex, Love and Death* (PHIL259)

Winter 2016 *Developing Health Research Literacy II* (MDSC205) (*Philosophy of Health and Disease*)

Fall 2015 *Scientific and Critical Reasoning* (PHIL275)

Winter 2015 *Developing Health Research Literacy II* (MDSC205) (*Philosophy of Health and Disease*)

Winter 2014 *Logic 1* (PHIL279)

Fall 2013 *Scientific and Critical Reasoning* (PHIL275)

RESEARCH ASSISTANT (University of Calgary)

Summer 2016–Spring 2018 Logic Courses for the 21st Century (PI: R. Zach). *This included preparation and editing of a new, free and open textbook, Forallx: Calgary Remix.*

Summer 2015 *For Eugene Couch on foreign diplomatic influence in 19c. South America.*

Fall 2014 *Vol. 4 of the Collected Works of Rudolf Carnap for Richard Zach.*

Summer 2014 *For Nicole Wyatt on a project on Logical Form (joint project with Gillman Payette).*

Grants and Awards

Winner (w/ E. Darnell) of the CSHPM Student Essay Prize for 2017 with “Takeuti’s Well-ordering Proof: Finitistically Fine?”. (1000CAD)

Co-investigator on *Logic Courses for the 21st Century* (with R. Zach (PI), and N. Wyatt). (~38000CAD).

University of Calgary *Eyes High Doctoral Scholarship*, 2015–16. (12000CAD)

Winner of the *Philosophy Graduate Student Essay Competition*, University of Calgary, for 2013–14 with “Cantor, God, and Inconsistent Multiplicities.” (2300CAD)

Service

Peer Reviewer *Springer, UCalgary Graduate Philosophy Conference*

since_2015 *Contributing editor at A Philosopher’s Take (blog), contributor since 2013.*

2016 *Co-director of the Fifth Annual Calgary Graduate Philosophy Conference: Logic & Language.*

June 2015 *Co-organiser of a special Graduate Colloquium with eight contributed talks.*

2014–2015 *Co-organiser (philosophy) of the Calgary Peripatetic Research Group on Logic and Category Theory*

2014–2015 *Director of the University of Calgary Philosophy Graduate Colloquium.*

June 2014 *Organiser of a special Graduate Colloquium with six contributed talks.*

Graduate Courses

University of Calgary

Plato's Theaetetus; Neuroscience and Criminal Law; Proof Theory; Identity and Time; Feminist Philosophy in Medieval Paris

University of Bristol

Independent Study Unit: "Propositional Attitude Ascriptions and Direct Reference Theory"; Philosophy of Psychology; Philosophy of Mathematics (Cantor); Philosophy and History of Medicine; Scientific Epistemology and Methodology

Other Courses

2014 UNIVERSITY OF OSLO
Summer School and Workshop on abstraction principles in philosophy and mathematics.

2011 INSTITUTE OF ADVANCED STUDY, UNIVERSITY OF LONDON
Week long summer school in set-theory and higher order logic.

AUDITS (UCalgary) *Aquinas, Foundations (Mathematics Dept.), Counting, Epistemology of Scientific Practice, Philosophy of Medicine.*

Languages

ENGLISH, native

GERMAN, intermediate/research