

Areas of Specialty

Philosophy of science. Philosophy of statistics.

Areas of Competence

Formal epistemology. Logic. Machine learning.

Education

PhD, philosophy, *Department of Logic and Philosophy of Science*, UC, Irvine.

Dissertation: “Statistical Methods in the Social Sciences”

Committee: Simon Huttegger (chair), Cailin O’Connor, Jeff Barrett

MA, philosophy, *Simon Fraser University*.

Thesis Supervisor: Nicolas Fillion

BA, psychology, philosophy, *University of British Columbia*.

Peer Reviewed Articles

- [1] **Sample Representation in the Social Sciences**, *Synthese*, (2020).
<https://doi.org/10.1007/s11229-020-02621-3>

Works in Progress

Rethinking Truth and Pragmatism in Measurement Validity

Realism, Reliability, and Item Response Theory

A Statistical Learning Approach to a Problem of Induction

Conference Presentations

- [7] **Sample Representation in the Social Sciences**, *Greater Cascadia History and Philosophy of Science workshop*, 2019.
- [6] **A Statistical Learning Approach to a Problem of Induction**, *the 26th Biennial Meeting of the Philosophy of Science Association*, 2018.
- [5] **Probabilism and Intuitionistic Logic**, *The University of Western Ontario’s 18th annual Philosophy of Logic, Mathematics, and Physics Graduate Conference*, 2018.
- [4] **A Model Theoretic Discussion of Statistical Learning**, *Women in Logic Workshop, Thirty-Second Annual ACM/IEEE Symposium on Logic in Computer Science*, 2017.
- [3] **Statistical Learning and Reliable Processing**, *45th Annual Meeting of the Society for Exact Philosophy*, 2017.
- [2] **Why Rationality?**, *University of Calgary - Graduate Student Conference*, 2015.
- [1] **Probing Justice with the Ultimatum Game**, *Canadian Society for History and Philosophy of Science*, co-presented with Wil Contreras and Dr. Nicolas Fillion, 2014.

Teaching

Logic and Probability

Instructor of record

Introduction to Symbolic Logic (online)

Instructor of record

Critical Thinking
Critical Issues in Social Sciences
Knowledge and Reality

Teaching Assistant
Teaching Assistant
Teaching Assistant

Service

- 2019 **Organizer, Wonder Philosophy**, *wonderphilosophy.com*, a workshop helping undergraduates from disadvantaged background to navigate the philosophy graduate application process, Funded by APA and UCI.
- 2019 **Graduate student researcher**, analyzing climate survey results for the School of Social Sciences, UCI.
- 2019 **Design and analysis of climate survey**, Department of Logic and Philosophy of Science.
- 2019 **Co-organizer, Women and Philosophy conference**, UCI.
- 2018 **Co-organizer, Workshop on Philosophy of Machine Learning**.
philmachinelearning.wordpress.com
- 2017-8 **Graduate Student Representative**, Department of Logic and Philosophy of Science, UCI.
- 2013-4 **Secretary to the Philosophy Graduate Student Caucus**, Department of Philosophy, SFU.
- 2014 **Organizer, Philosophy Graduate Student Colloquia**, SFU.
- 2013 **Philosophers' Cafe**, SFU continuing studies.