

Areas of Specialty

Philosophy of Science. Philosophy of Social 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, Department of Philosophy, Simon Fraser University.

Thesis: “What is Rationality Good For? A Game Theoretic Perspective”

Thesis Supervisor: Nicolas Fillion; Second Reader: Holly Andersen

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

Measuring the Non-Existent: Validity Before Measurement

A Statistical Learning Approach to a Problem of Induction

Epistemic Gaps and Non-Epistemic Values

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.

Grants and awards

2020 Fellowship in Honor of Christian Werner

- 2019-2020 LPS Award for Contributions to Inclusion and Diversity
- 2018 Associate Dean Fellowship
- 2015-2016 Graduate Dean's Recruitment Fellowship
- 2015-2021 School of Social Sciences Merit Fellowship

Teaching

Logic and Probability	<i>Instructor of record</i>
Introduction to Symbolic Logic (online)	<i>Instructor of record</i>
Contemporary Philosophy of Science (online)	<i>Instructor of record</i>
Critical Thinking	<i>Teaching Assistant</i>
Critical Issues in Social Sciences	<i>Teaching Assistant</i>
Knowledge and Reality	<i>Teaching Assistant</i>

Service

- 2019 **Organizer, Wonder Philosophy**, *wonderphilosophy.com*, a recurrent workshop helping undergraduates from disadvantaged background to navigate the philosophy graduate application process, Past funding source: 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, UCI.
- 2019 **Co-organizer, Women and Philosophy conference**, UCI.
- 2018 **Co-organizer, Workshop on Philosophy of Machine Learning**, in collaboration with the Department of Statistics, UCI, *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.