

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.

Grants and awards

2020 Fellowship in Honor of Christian Werner

- 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 workshop helping undergraduates from disadvantaged background to navigate the philosophy graduate application process, Funded by APA and UCI. I have since mentored a group of new organizers who will continue with future iterations of the workshop.
- 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.