

JOSIAH LOPEZ-WILD

DEPARTMENT OF PHILOSOPHY
UNIVERSITY OF WARWICK
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AREAS OF SPECIALIZATION

Formal Epistemology, Theory of Computation, Mathematical Logic, Decision Theory

AREAS OF COMPETENCE

Philosophy of Mathematics, Philosophy of Statistics, Philosophy of Artificial Intelligence, Philosophy of Science

EDUCATION

- 2020–2026* Ph.D. in Logic and Philosophy of Science
University of California, Irvine
- Dissertation: Foundations for Computable Bayesian Epistemology
Committee: Simon M. Huttegger (chair), Brian Skyrms, Toby Meadows, Jeffrey A. Barrett
- 2018–2020* M.A. in Philosophy
University of Wisconsin, Milwaukee
- 2014–2018* B.A. (Honors) in Philosophy
Northwestern University

EMPLOYMENT

- 2026–2028* Research Fellow in Philosophy
University of Warwick

PUBLICATIONS

1. JLW. (2025) “A Computable von Neumann-Morgenstern Representation Theorem”, *Synthese* 205 (182).
2. JLW. (forthcoming) “Computable Bayesian Epistemology”, *Philosophy of Science*.

WORKING PAPERS (DRAFTS AVAILABLE)

1. JLW. “Computable Qualitative Probability”, (under review).

2. JLW. “Testing for Priors”, (under review).
3. JLW. "Countable Dutch Book Arguments", (under review).
4. Jeffrey Barrett, Eddy Keming Chen, and JLW. “The Distribution Postulate in Algorithmic Bohmian Mechanics” (under review).
5. JLW and Elijah Spiegel. “Verification, Falsification, and Merging”.
6. Antoine Mercier, JLW, and Elijah Spiegel. “At the Edge of Putnam’s Program: Limitative Results for Computable Inductive Logic” (under review).

REFEREED TALKS

- 2026 Turing vs Kolmogorov on Information
PSA 2026
- 2024 Qualitative Randomness
PSA 2024 Symposium on Algorithmic Randomness (organizer)
- With Jeffrey Barrett, Simon Huttegger, Christopher Porter, Francesca Zaffora Blando
- 2024 Computable Bayesian Epistemology
Philosophy of Science: Past, Present, and Future, University of Minnesota
- 2020 A Can of Precisificational Worms
APA Eastern, Philadelphia
- 2019 A New Reading of Hume’s Conceivability Principle
Graduate Philosophy Conference, University of Illinois at Urbana-Champaign
- Prize for Best Essay

INVITED TALKS

- 2025 Generalized Dimensions and Effective Ergodic Measures
ICICL 2025, Drake University
- 2023 A Computable von Neumann-Morgenstern Representation Theorem
PFEW, Carnegie Mellon University

HONORS AND AWARDS

- 2025 Summer School Participant
Complex Systems Summer School
Santa Fe Institute
- 2024 Justine Lambert Prize
“A Computable von Neumann-Morgenstern Representation Theorem”
University of California, Irvine

Awarded by UCI LPS every two to four years for the best graduate paper dealing with foundational issues in the formal, natural, or social sciences.

- 2022 Summer Research Fellow
Patterns of Intelligent Behavior in Biological and Social Systems (PIBBSS)
- 2020 Peltz Memorial Award
University of Wisconsin, Milwaukee

Awarded annually by UWM philosophy for the best essay by a UWM philosophy graduate student.

TEACHING EXPERIENCE (AS LEAD INSTRUCTOR)

Making Modern Science
 Summer 2024, Summer 2025
University of California, Irvine

Elementary Logic
 2019–2020
University of Wisconsin, Milwaukee

TEACHING EXPERIENCE (AS TEACHING ASSISTANT)

Probability and Statistics in Social Sciences
 Winter 2024, Spring 2024, Spring 2023

Introduction to Inductive Logic
 Fall 2023, Winter 2023

Computer-Based Research in the Social Sciences
 Spring 2022

Introduction to Symbolic Logic
 Winter 2021, Fall 2020

Introduction to Psychology
 Fall 2021

Introduction to Sociology
 Winter 2026

SERVICE

- 2022–2025 TH!NK teaching program
 Teaching elementary school children (approximately 10–11 years old) basic philosophical concepts, for two hours each week

- 2024–2025 Graduate Representative
Department of Logic and Philosophy of Science
 Acts as a liaison between the graduate student community and LPS faculty, sits in on faculty meetings, organizes visit weekend, conducts surveys on graduate student satisfaction

- 2024 Member, Climate Committee
Department of Logic and Philosophy of Science
University of California, Irvine

Member of the LPS Climate Committee, which is responsible for organizing visit weekend, workshops to increase awareness of diversity and inclusion, social events, etc.

2022–2026

Organizer, UCI Formal Epistemology Reading Group
Department of Logic and Philosophy of Science
University of California, Irvine

Lead and selected readings for a weekly reading group that discussed research papers in Bayesian epistemology, decision theory, and related areas, with members from both UCI LPS and departments at other institutions.

Journal Reviewer: *Philosophy of Science*, *Review of Symbolic Logic*,
Journal of Philosophical Logic, *Philosophical Logic*.

REFERENCES

Simon Huttegger

Chancellor's Professor
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University of California, Irvine
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Brian Skyrms

Distinguished Professor
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