Kino Zhao

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AOS: Philosophy of Science, Philosophy of Statistics, Philosophy of Social Science

Employment

2022-present	**Assistant Professor, Department of Philosophy** Simon Fraser University
2022-present	**Affiliated Faculty, Cognitive Science Program** Simon Fraser University
2021	**Adjunct Lecturer, Department of Philosophy** University of California Los Angeles

Education

2021	**PhD in Philosophy** Department of Logic and Philosophy of Science University of California, Irvine
2015	**MA in Philosophy** Simon Fraser University
2013	**BA in Psychology and Philosophy** University of British Columbia

Publications

2025	**What Are Statistical Assumptions About? An Answer From Perspectivism** *Harvard Data Science Review*, 7(1). https://hdsr.mitpress.mit.edu/pub/qasl4fza
2023	**Measuring the Non-Existent: Validity Before Measurement** *Philosophy of Science*, 90(2), 227–244. https://doi.org/10.1017/psa.2023.3
2020	**Sample Representation in the Social Sciences** *Synthese*, 198(10), 9097–9115. https://doi.org/10.1007/s11229-020-02621-3

Public Writing

2023	**The "Native Speaker" Fallacy** Inside Higher Ed, Opinion, https://www.insidehighered.com/opinion/views/2023/08/18/stop-native-speaker-writing-advice-opinion

Presentations

2025 Invited	**What counts as good data? On data quality and the garbage in, garbage out principle** Colloquium talk at Arizona State University
2025	**What does model interpretability tell us about its plausibility?** European Philosophy of Science Association
2025 Invited	**Data quality in the machine learning age** Next-Gen Philosophical Foundations of AI workshop at University of Missouri
2024 Invited	**On the implausibility of bias-preserving algorithms** Colloquium talk at Peking University
2024 Invited	**On the implausibility of bias-preserving algorithms** Colloquium talk at University of Science and Technology of China
2024 Invited	**On the implausibility of bias-preserving algorithms** Colloquium talk at Northeastern Summer School for Philosophy of Machine Learning
2024 Invited	**What are statistical modeling assumptions about? An answer from perspectival pluralism** "Is Philosophy Useful for Science and/or Vice Versa?", Inaugural Conference for the Mathematics, Philosophy, and Physics Doctoral Program at Chapman University
2023 Invited	**What's in a Scientific Perspective?** Lecture Series (Lecture #59) at the Department of History of Science, Tsinghua University
2023 Invited	**What's in a Scientific Perspective?** Colloquium Series at the Department of Philosophy, Wuhan University
2023 Invited	**A Defense of Representationalism in Data Quality** "Evaluating Evidence", Workshop at the Department of Philosophy, Wuhan University
2023	**What Counts as Good Data?** Panel: New Concerns Regarding Decision-Making by Algorithm Western Canadian Philosophical Association Conference
2023 Invited	**What Counts as Good Data?** "Philosophy Meets Machine Learning" at the University of Tubingen
2023	**Non‑Epistemic Values For Epistemic Gaps** Canadian Society for the History and Philosophy of Science (CSHPS), 2023 Meeting
2023	**Limitations of the Garbage In – Garbage Out (GIGO) framework in data‑processing** Canadian Society for the History and Philosophy of Mathematics (CSHPM), 2023 Meeting

2023 Invited	**What are (statistical) model assumptions about?** 8th Bayesian, Fiducial and Frequentist Conference	
2023 Invited	**What are (statistical) model assumptions about?** Defining Cognitive Science Lecture Series, Simon Fraser University	
2022	**Measuring the Non-Existent: Validity Before Measurement** Philosophy of Social Science Roundtable	
2022 Invited	**The philosophy of measurement, validity, and existence** Philosophy Lecture Series at Lanzhou University	
2019	**Sample Representation in the Social Sciences** The Greater Cascadia History and Philosophy of Science workshop	
2019 Invited	**Sample Representation in the Social Sciences** University of Washington	
2018	**A Statistical Learning Approach to a Problem of Induction** The 26th Meeting of the Philosophy of Science Association	
2018	**Probabilism and Intuitionistic Logic** The 18th Philosophy of Logic, Mathematics, and Physics Graduate Conference at the University of Western Ontario	
2017	**A Model Theoretic Discussion of Statistical Learning** Women in Logic Workshop at the 32nd ACM/IEEE Symposium on Logic in Computer Science	
2017	**Statistical Learning and Reliable Processing** The 45th Annual Meeting of the Society for Exact Philosophy	
2015	**Why Rationality?** Graduate Student Conference at the University of Calgary	

Commentary	2025	**Author meets critic: Thinking About Statistics, by Jun Otsuka** Annual meeting of the American Philosophical Association, Pacific Division
	2022	**Comment on Noa Latham's "Fundamental Dynamical Laws and Initial Conditions"** Western Canadian Philosophical Association Conference
	2022	**Comment on Konstantin Genin's "On the falsifiability of statistical hypotheses"** Formal Epistemology Workshop

Grants	2023-2025	SFU/SSHRC Small Explore Grant. **What does it mean to have grit? A philosophy of science perspective.** (Budget: $6,864; SMALL-F2022-004)
	2022-2027	**New Faculty Startup Grant** at Simon Fraser University

Teaching	Undergraduate Level	Introduction to Philosophy of Science Philosophy of Machine Learning Formal Methods Data, Ethics and Society Computability Theory
	Graduate Level	Measurement in Science Scientific Perspectivism

Service to the Profession	2025-present	**Co-director** Academic Philosophy Data & Analysis
	2022-26	**Junior Co-Chair** Caucus for Diversity, Equity and Inclusion at the Philosophy of Science Association
	2023-24	**Strategic Planning Task Force Member** The Philosophy of Science Association
	2022	**Ethics Bowl Judge**
	2019-present	**Peer Reviewer** Philosophy of Science Synthese
	2020-21	**Graduate Student Climate Committee Chair** Department of Logic and Philosophy of Science at the University of California, Irvine

Conference Organizing	2019-present	**Wonder Philosophy (co-founder, co-organizer)**
	2019	**Women and Philosophy Conference (co-organizer)** University of California, Irvine
	2018	**Workshop on the Philosophy of Machine Learning (co-organizer)** University of California, Irvine

Training	2025	**Philosophy of Statistics Training Workshop** Minnesota Center for Philosophy of Science
	2025	**Emerging Thought Leaders Program: media training for academic women** Informed Perspectives (previously Informed Opinions)