

Alice C.W. Huang

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EMPLOYMENT

- 07/2025– **Duncanson Chair in Ethics and Technology**
Assistant professor in computer science and philosophy
Western University
- 08/2024–06/2025 **Postdoctoral Fellow**
Harvard University

EDUCATION

- 09/2019–06/2024 **Ph.D., Philosophy**
University of Toronto
Dissertation committee: Jonathan Weisberg (chair), Jennifer Nagel, Boris Babic
David Savan Dissertation Prize
John Leyerle-CIFAR Prize for Interdisciplinary Research
- 09/2015–05/2019 **B.A., Philosophy**
New York University, Abu Dhabi, UAE
with minor in computer science
Summa Cum Laude

RESEARCH INTERESTS

AOS: AI ethics, formal social epistemology, philosophy of science
AOC: Philosophy of mind, decision theory

PUBLICATIONS

1. HUANG, A. C. W. Landscapes and bandits: A unified model of functional and demographic diversity. *Philosophy of Science* (2024)
2. HUANG, A. C. W. Track records: A cautionary tale. *The British Journal for the Philosophy of Science* (2024)
3. HUANG, A. C. W. A normative comparison of threshold views through computer simulations. *Synthese* 200, 4 (2022), 1–23

CONFERENCES

Invited

1. *The Efficiency of Hypes*
2025 CMU Formal Model in Metascience workshop (August 2-3) in Pittsburgh, PA, USA.
2. *Simple Models are not the Panacea*
2025 Northeastern AIDE summer school lecture series (June 17) in Boston, MA, USA.
3. *An Encroachment Account of Gaslighting*
2025 UMass Amherst MAP colloquium (March 14) in Amherst, MA, USA.
4. *Compete to Cooperate*
2025 Formal and Experimental Philosophy conference (FAX4) (April 24-25) in Buffalo, NY, USA.
2025 Self-Assembling Games Workshop (January 24-25) in Irvine, CA, USA.
5. *Landscapes and Bandits: A Unified Model of Functional and Demographic Diversity*
2024 Computational Social Philosophy Seminars (September 23) online.
6. *Taking Risks on a Budget*
2022 Self, Belief, and AI Workshop (July 19) in Toronto, ON, Canada.

Refereed

1. *Simple Models are not the Panacea*
2025 European Philosophy of Science Association meeting (August 27-30). Groningen, Netherlands.
2. *Compete to Cooperate*
2024 Philosophy of Science Association Biannual Meeting (November 14-17). New Orleans, USA.
3. *You Can Have Fairness and Accuracy Too*
2024 The Taiwan Association for Logic, Methodology and Philosophy of Science and Technology Annual Conference (June 8-9). Taipei, Taiwan.
4. *Track Records: A Cautionary Tale*
2023 Canadian Philosophical Association Meeting (May 29-June 1). Toronto, Canada.
2023 Taiwan Philosophical Logic Colloquium (December 9-11). Taipei, Taiwan.
5. *Homophily and the Meta-expertise of Experts*
2022 Schwartz Reisman Institute Graduate Workshop (June 20-22). Online.
6. *Deflationism Does Not Entail That Metaphysical Dependence is Irreflexive*
2023 The Aristotelian Society Joint Session (July 7-9). London, UK.
2022 Canadian Philosophical Association Meeting (May 17-20). Online due to COVID-19.
7. *Same But Different: Irreflexivity and Identity Dependence*
2022 American Philosophical Association Central Division Meeting (February 23-26) in Chicago.
2021 Durham Mind, Language, and Metaphysics Graduate conference (May 13-15). Online due to COVID-19.

8. *Normative Sensitivism*
2021 Edinburgh Graduate Epistemology Conference (August 9-10). Online due to COVID-19.
2021 Graduate Philosophy Conference at the University of Illinois at Urbana-Champaign (Apr 30 - May 1). Online due to COVID-19.
9. *Gerrymandering 'Structure'*
2019 Mind, Language and Action Group Graduate Conference III (April 10-12) in Porto, Portugal.

Comments

1. Comments on *The Epistemic Value of Imagination* by Jill Cumby
2023 Canadian Philosophical Association meeting (May 29-June 1) in Toronto, Canada.
2. Comments on *Plenitude and Modal Paradox* by Adam Murray
2023 at the University of Toronto.
3. Comments on *Resolute and Correlated Bayesians* by Babic *et al.*
2022 Formal Epistemology Workshop (May 27-29) in Irvine, USA.

Posters

1. *A Normative Comparison of Threshold Views Through Computer Simulations*
2022 Carleton Cognitive Science Graduate Conference (April 29-30) in Ottawa, Canada.
2. *What We Talk About When We Talk About 'Structure'*
2019 Consciousness Research Network (Jan 23-25) in Okazaki, Japan.

GRANTS

Beyond the Accuracy-Interpretability Tradeoff: Optimizing Human-AI Collaborations (SSHRC Insight Development Grant, as PI, \$70,000, 2025-7)

The Future of Ethical AI (SSHRC Connection Grant, as co-applicant, \$23,000, 2025)

HONORS, AWARDS & SCHOLARSHIPS

John Leyerle-CIFAR Prize for Interdisciplinary Research (\$1,000, 2025)

David Savan Dissertation Prize (\$1,000, 2024)

Schwartz Reisman Institute for Technology and Society Graduate Fellow (\$7,500, 2023-24)

Pronovost Morgan Family Foundation Fellowship in Ethical AI (\$5,000/year, 2022-24)

Ontario Graduate Scholarship (International) (\$15,000, 2023-24)

Graduate Student Service Award (\$1,000, 2023)

Herman Fellowship for international students (\$5,000, 2022-23)

New York University honors scholar award (2019)

New York University Abu Dhabi Bursary (~\$78,000/year, 2015-19)

TEACHING EXPERIENCE

As Instructor

1. Data, Decisions and Dilemma: Ethics of Machine Learning (Fall 2025, grad seminar)
2. Ethical Issues in Big Data (Spring 2024, upper year undergraduate course)
3. Persons, Minds and Bodies (Summer 2023, 2nd year undergraduate course)

Course Development in Embedded Ethics

1. Computational Properties in Interpretable Machine Learning
2. Data Science 1
3. Reinforcement Learning
4. Machine Learning
5. Discrete Math
6. Differential Privacy

SERVICE

Reviewer for: *Philosophy of Science*, *Erkenntnis*, *Ergo*, *FACCT 2025*, *European Journal for the Philosophy of Science*, *EAAMO 25*

Philosophy department climate committee (2022-23)

Philosophy department women's caucus co-organizer (2022-23)

Organizer of the journal club for consciousness studies in NYU Abu Dhabi (2018-19)

Women empowerment in STEM dialogue co-organizer (2017)

LANGUAGES

Mandarin Chinese (native), English (fluent), French (fluent)

PROGRAMMING

Python, R, java, php, SQL, Stata, Javascript (in the order of proficiency)

REFERENCE

Jonathan Weisberg	jonathan.weisberg@utoronto.ca
Jennifer Nagel	jennifer.nagel@utoronto.ca
Boris Babic	boris.babic@utoronto.ca
Matthew Kopec (teaching)	mkopec@fas.harvard.edu

August 13, 2025