

# Alice C.W. Huang

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## EMPLOYMENT

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- 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

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- 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

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

## PUBLICATIONS

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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

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## Invited

1. *The Efficiency of Hypes*  
2025 CMU Formal Model in Metascience workshop (August 2-3) in Pittsburgh, PA, USA.
2. *An Encroachment Account of Gaslighting*  
2025 UMass Amherst MAP colloquium (March 14) in Amherst, MA, USA.
3. *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.
4. *Landscapes and Bandits: A Unified Model of Functional and Demographic Diversity*  
2024 Computational Social Philosophy Seminars (September 23) online.
5. *Taking Risks on a Budget*  
2022 Self, Belief, and AI Workshop (July 19) in Toronto, ON, Canada.

## Refereed

1. *Compete to Cooperate*  
2024 Philosophy of Science Association Biannual Meeting (November 14-17). New Orleans, USA.
2. *You Can Have Fairness and Accuracy Too*  
2025 European Philosophy of Science Association meeting (August 27-30). Groningen, Netherlands.  
2024 The Taiwan Association for Logic, Methodology and Philosophy of Science and Technology Annual Conference (June 8-9). Taipei, Taiwan.
3. *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.
4. *Homophily and the Meta-expertise of Experts*  
2022 Schwartz Reisman Institute Graduate Workshop (June 20-22). Online.
5. *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.
6. *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.
7. *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.

8. *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.

## TEACHING EXPERIENCE

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### As Instructor

1. Ethical Issues in Big Data (Spring 2024, upper year undergraduate course)
2. Persons, Minds and Bodies (Summer 2023, 2<sup>nd</sup> 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

## GRANTS

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

## HONORS, AWARDS & SCHOLARSHIPS

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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)

## SERVICE

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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

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

## PROGRAMMING

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

## REFERENCE

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<b>Jonathan Weisberg</b>	<a href="mailto:jonathan.weisberg@utoronto.ca">jonathan.weisberg@utoronto.ca</a>
<b>Jennifer Nagel</b>	<a href="mailto:jennifer.nagel@utoronto.ca">jennifer.nagel@utoronto.ca</a>
<b>Boris Babic</b>	<a href="mailto:boris.babic@utoronto.ca">boris.babic@utoronto.ca</a>
<b>Richard Pettigrew</b>	<a href="mailto:richard.pettigrew@bristol.ac.uk">richard.pettigrew@bristol.ac.uk</a>

July 21, 2025