

Matthew Coates

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Education

Ph.D. Candidate - Philosophy (LPS) 2019 - 2025 [Expected]

University of California, Irvine (UCI)

Graduate Emphasis in Biology and the Behavioral Sciences

Advisor: Cailin O'Connor

Dissertation: "Network Epistemology Tools Applied to Problems in Epistemically Detrimental Dissent"

MSc - Philosophy of Science 2017 - 2018

The London School of Economics

BSc (Hons) - Mathematics 2014 - 2017

Queen Mary, University of London

Publications

Sherlock, Emma, **Matthew Coates** and Csaba Csuzdi. "Modelling of climatic tolerances of three earthworm species; *Satchellius mammalis*, *Lumbricus friendi* and *Lumbricus festivus* using Maximum Entropy Modeling". *Opuscula Zoologica*. 53(1): 51–65. 2022

Talks and Presentations

Refereed

"Modelling Hiding Dissent in Journal Publications", 17th International Congress on Logic, Methodology and Philosophy of Science and Technology (CLMPST). Buenos Aires, Argentina. July 2023 [Scheduled]

"Modelling Hiding Dissent in Journal Publications". Poster at the Philosophy of Science Association (PSA). Pittsburgh, PA. November 2022.

"Modelling Scientific Advisory Groups". Poster at the Formal Epistemology Workshop (FEW). Irvine, CA. November 2022.

Invited

"Modelling Hiding Dissent in Journal Publications", Science, Values, and Policy workshop, June 2023 [Scheduled]

"The Unconscious Conventionalism of the Geometry of Space Time", 6th LSE-Bayreuth Student Philosophy Conference, University of Bayreuth, May 2018

Professional Service

Judge, Undergraduate Research Symposium Poster Session, UC Irvine, May 2023.

Co-organizer, Conference on "Values, Fairness, and Machine Learning," UC Irvine, June 2022.

Organizer, Talk by John Worrall, The London School of Economics and Political Science, November 2017.

Volunteer Curation and Research, Freelifing and Parasitic Worm Collections, Natural History Museum London, 2017-2019.

Teaching

Instructor

- Introduction to Symbolic Logic (LPS 30), Summer 2023, UC Irvine

Teaching Assistant

- Global Economy (Econ 13), Spring 2023, UC Irvine
- Philosophy of Sex (LPS 91), Winter 2023, UC Irvine
- Peoples of the Pacific (Anthro 163A), Fall 2022, UC Irvine
- Introduction to Inductive Logic (LPS 31), Spring 2022, UC Irvine
- Introduction to Symbolic Logic (LPS 30), Winter 2022, UC Irvine
- Critical Reasoning (LPS 29), Fall 2021, UC Irvine
- Introduction to Symbolic Logic (LPS 30), Winter 2021, UC Irvine
- Critical Reasoning (LPS 29), Fall 2020, UC Irvine
- Introduction to Inductive Logic (LPS 31), Spring 2020, UC Irvine
- Critical Reasoning (LPS 29), Winter 2020, UC Irvine

Research Employment and Collaborations

Graduate Student Researcher, Supported by NSF grant 1922424: “Consensus, Democracy, and the Public Understanding of Science” (Co-PIs O’Connor and Weatherall). Conducted research on hiding dissent by scientists. Summers 2020, 2021

Researcher, Freelifing and Parasitic Worm Collections, Natural History Museum London. Helped to perform research using mapping and computational modelling to understand the effects of climate change on worm populations. 2017-2019