Margherita Harris

ACADEMIC APPOINTMENTS

Postdoctoral Fellow 2024-2025

SOCRATES Centre, Leibniz University Hannover.

Postdoctoral Fellow 2023-2024

Center for Philosophy of Science, University of Pittsburgh.

Guest Teacher 2022-2023

Department of Philosophy, Logic and Scientific Method, London School of Economics and Political Science (LSE).

Visiting Fellow 2021-2024

Department of Philosophy, Logic and Scientific Method, LSE.

EDUCATION

PhD Philosophy, LSE 2017-2021

Thesis*: Conceptualizing uncertainty: the IPCC, model robustness and the weight of evidence*

Supervisors: Roman Frigg, Liam Kofi Bright

MSc Philosophy of Science, LSE 2015-2016

MMath Mathematics, University of Warwick 2008-2012

RESEARCH INTERESTS

AoS: Philosophy of Science, Epistemology, Philosophy of Statistics

AoC: Philosophy of Climate Science, Decision Theory, Logic

PUBLICATIONS

- Harris, M. (Forthcoming). Robustness Reexamined: Unpacking the Limits of Model-Based Robustness Analysis as Explanatory Reasoning. *Kriterion.*
- Harris, M. (2025). The IPCC Uncertainty Framework: What *Some* Decision Makers Want (and Why They Shouldn't). *Climatic Change* 178, 105. https://doi.org/10.1007/s10584-025-03931-6

- Harris, M., Frigg, R. (2023). Climate Models and Robustness Analysis – Part I: Core Concepts and Premises. In: Pellegrino, G., Di Paola, M. (eds) Handbook of Philosophy of Climate Change. Handbooks in Philosophy. Springer, Cham. https://doi.org/10.1007/978-3-030-16960-2_146-1
- Harris, M., Frigg, R. (2023). Climate Models and Robustness Analysis – Part II: The Justificatory Challenge. In: Pellegrino, G., Di Paola, M. (eds) Handbook of Philosophy of Climate Change. Handbooks in Philosophy. Springer, Cham. https://doi.org/10.1007/978-3-030-16960-2_147-1
- Harris, M. (2021). The Epistemic Value of Independent Lies: False Analogies and Equivocations. *Synthese* 199, 14577–14597. https://doi.org/10.1007/s11229-021-03434-8

WORK IN PROGRESS

- "Some Conceptual Problems in the IPCC Uncertainty Framework, How They Came About, and Where to Go from Here." (under Review)
- "Beyond Inductive Risk: Recognizing Quantifauxcation for What It Is" (Under Review)
- "Letting go of Weight—and of Probabilism"
- "What's the Purpose? A Critical Evaluation of Contemporary Philosophical Accounts of Scientific Representation" with Arnon Levy
- "*Just* Pay Attention to Me: Flourishing Relationships without Commitments" with Henry Schiller

PRESENTATIONS

18. "Letting go of Weight—and of Probabilism", *Centre for Ethics and Law in the Life Sciences*, June 2025, Leibniz University Hannover
17. "Beyond Inductive Risk: Unraveling the Equivocations and Misconceptions Hiding Quantifauxcation", *Institute of Philosphy Colloquium*, May 2025, Leibniz University Hannover
16. "From False Precision to Blind Caution", *Philosophy of Climate Science (PhiCliSci) workshop*, May, 2025, University of St Andrews
15. "From Inductive Risk to Quantifauxcation", *Higher Seminar in Philosophy of Science*, February 2025, University of Stockholm

14. "Beyond Inductive Risk: Unraveling the Equivocations and Misconceptions Hiding Quantifauxcation", *SOCRATES*, November 2024, Leibniz University Hannover
13. "*Just* Pay Attention to Me: Flourishing Relationships without Commitments", *XXV World Congress of Philosophy*, August 2024, Rome
12. "Probabilism Under Scrutiny: Grappling with the Weight of Evidence", *Center for Philosophy of Science*, April 2024, University of Pittsburgh
11. "Some Conceptual Problems in the IPCC Uncertainty Framework, and Where to Go from Here", *Center for Philosophy of Science*, November 2023, University of Pittsburgh
10. "The Detrimental Impact of Quantifauxcation on Our Understanding of the Evolution of the Climate", *European Philosophy of Science Association*, September 2023, Belgrade, Online (due to environmental concerns)
9. "The Ubiquity of Quantifauxcation and Why it Must Stop", *17th International Congress on Logic, Methodology and Philosophy of Science and Technology* (CLMPST 2023), July 2023, Buenos Aires
8. "On Severity, the Weight of Evidence, and the Relationship Between the Two", *The Statistics Wars and Their Casualties*, December 2022, LSE, Online
7. "Model Robustness: Schupbach's Explanatory Account of Robustness Analysis to the Rescue?", *Sigma Club*, March 2022, LSE, Online
6. "Some Conceptual Problems in the IPCC Uncertainty Framework, and How They Came About", *Conference on Climate Change and Studies of the Future*; October 2021, A Coruña
5. "What Does the Bayesian Have to Say about Model-Based Robustness Analysis?", *Bayesian Epistemology: Perspectives and Challenges*, August 2020, Munich, Online (due to Covid 19)
4. "What Does the Bayesian have to Say about Model-Based Robustness Analysis?", *Choice Group*, June 2020, LSE, Online (due to Covid 19)
3. "The Epistemic Value of Independent Lies: False Analogies and Equivocations", *London Graduate Philosophy Conference*, June 2020, Online (due to Covid 19)
2. "On the Relationship between Confidence and Likelihood in the IPCC Uncertainty Framework", *European Philosophy of Science Association*, September 2019, Geneva
1. "On the Relationship between Confidence and Likelihood in the IPCC Uncertainty Framework", *British Society for the Philosophy of Science*, July 2019, Durham

TEACHING

At the LSE, GTAs are responsible for small-group classes, marking and feedback.

2022-23: Philosophy of Science. LSE. Guest Teacher. 3 classes, 45 students. A tour of the philosophical underpinnings of modern science. (LT)

2021-22: Historical and Global Perspectives on Philosophy. LSE. GTA. 3 classes, 46 students. Example topics: Zhuangzi as a Political Philosopher, Plato's Politeia, Confucius' and Aristotle's Virtue Ethics, Elisabeth of Bohemia's Philosophy of Mind. (LT)

2021-22: Genes, Brains and Society. LSE. GTA. 4 classes, 60 students. Example topics: human nature; gender and the brain; race and the genome. (MT)

2019-20: Einstein for Everyone: From Time Travel to the Edge of the Universe. LSE. GTA. 3 classes, 45 students. Introduction to relativity theory and its philosophical implications. (MT)

2017-19, 2021-23: The Big Questions: An Introduction to Philosophy. LSE. GTA. Several classes. Example topics: scepticism; the existence of God; consciousness; persistence; time, numbers; ethics; justice; meaning. (MT & LT)

2014-2017: Mathematics A-level. Cambridge Assessment, Cambridge. Part-time examiner (twice a year) for A-Levels Mathematics international examinations.

2013-14: Mathematics A-Level. CATS College, Cambridge. Main roles: teaching A-Levels Maths and advanced classes in preparation for STEP (Cambridge Maths entry requirement).

SERVICE

2022-2025: Referee for *the British Journal for the Philosophy of Science, the European Journal of Philosophy of Science, Philosophy of Science, Theoria, Erkenntnis*, the National Science Foundation USA (NSF) and Cambridge Elements.

2025: Co-organizer of "Making sense of Uncerainty in Science and Policy" workshop (with Joe Roussos) (Leibniz University Hannover)

2022: Co-organizer of "The Statistics Wars and Their Casualties" workshop (with Deborah Mayo and Roman Frigg) (LSE)

2020-2022: Co-organizer of Conjectures and Refutations seminar series (LSE)

AWARDS

Global Priorities Institute accommodation & travel fund for participating in the symposium "Scientific Evidence and Uncertainty about the Long-Run Future" at CLMPST 2023, Buenos Aires.

John Watkins memorial prize: LSE award for the paper "The Epistemic Value of Independent Lies: False Analogies and Equivocations" (2022)

LSE doctoral studentship (tuition fees and full living expenses, 2017-2021)

AHRC Northern Bridge doctoral studentship (tuition fees and full living expenses, 2017-2020) (*declined*)

LSE 120th anniversary MSc scholarship (tuition fees and contribution to living expenses, 2015-2016)