# Calum McNamara

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### **Research Interests**

Decision Theory, Epistemology, Ethics, Metaphysics, Philosophy of AI, Language, Science

# **Employment**

2025- Indiana University, Bloomington
Assistant Professor of Philosophy
Associate Faculty in the Cognitive Science Program

Yale University

Postdoctoral Associate

### Education

University of Michigan, Ann Arbor PhD in Philosophy

2018 King's College London

BA in Philosophy (First Class Honours)

## **Papers**

Published Articles

"Dutch Books, Indicative Conditionals, and Rational Updating" with Snow Zhang

Proceedings of the 24th Annual Amsterdam Colloquium

"Causal Decision Theory, Context, and Determinism"

Philosophy and Phenomenological Research, vol. 109, no. 1, pp. 226-260

"The Punctuated Equilibrium of Scientific Change: A Bayesian Network Model"

with Patrick Grim, Frank Seidl, Hinton Rago, Isabel Astor, Caroline Diaso *Synthese*, vol. 200, no. 4, no. 297

"Scientific Theories as Bayesian Nets: Structure and Evidence Sensitivity"

with Patrick Grim, Frank Seidl, Hinton Rago, Isabel Astor, Caroline Diaso, and Peter Ryner *Philosophy of Science*, vol. 89, no. 1, pp. 42-69

SELECTED WORK-IN-PROGRESS

Under Review "Desire-as-Belief in Context", R&R, Mind

"Only Causal Decision Theory Defers to Experts", R&R, Journal of Philosophy

"Why (Not) Conditionalize?" with Snow Zhang

"Suppositional Decision Theories are Non-self-recommending"

"Causal Decision Theory and the Off-switch"

In Preparation "Le

"Learning 'If"

"Accuracy and Epistemic Modalities" with Mikayla Kelley, Richard Roth, and Snow Zhang

"Bringing About the Good, from Behind the Veil of Ignorance"

"Deliberational Dynamics and Game-theoretic Solution Concepts" with Clara Bradley

"Everett Meets Jeffrey; Or: A New Proof of the Born Rule from Decision-theoretic Assumptions"

"Learning the Chances"

### Selected Presentations<sup>1</sup>

#### TALKS

"Accuracy and Epistemic Modalities"

with Mikayla Kelley, Richard Roth, and Snow Zhang

Feb 2026 APA Central Division Meeting, Invited Symposium<sup>†</sup>

May 2025 Formal Epistemology Workshop, University of Iceland, Reykjavik\*

Apr 2024 Princeton University<sup>†</sup>

Dec 2023 Accuracy Workshop, University of Chicago<sup>†</sup>

<sup>&#</sup>x27;'\*, indicates refereed; '†' indicates invited

	"Suppositional Decision Theories are Non-self-recommending"
Jan 2026	APA Eastern Division Meeting, Baltimore*
Apr 2025	Richard Pettigrew's Locke Lectures Tailgate, Northeastern University $^\dagger$
	"Bringing About the Good, from Behind the Veil of Ignorance"
Nov 2025	University of Texas at Austin <sup>†</sup>
Oct 2025	Formal Approaches to Rationality and Meaning, University of Maryland, College Park*
	"Causal Decision Theory and the Off-switch"
Oct 2025	Indiana Logic Seminar, Indiana University, Bloomington <sup>†</sup>
	"Only Causal Decision Theory Defers to Experts"
May 2025	Method, Theory, and Reality Workshop, University of Massachusetts, Amherst <sup>†</sup>
Apr 2025	APA Pacific Division Meeting, Symposium*
Jun 2024	Workshop on Decision, Desire, and Diffusion, University of California, Berkeley <sup>†</sup>
	"Why (Not) Conditionalize?"
	with Snow Zhang
Apr 2025	MIT (presented by Snow Zhang)
Dec 2024	The 24th Annual Amsterdam Colloquium, University of Amsterdam*
Mar 2024	University of Maryland, College Park (presented by Snow Zhang)
Feb 2023	University of Texas at Austin <sup>†</sup>
	"Learning 'If'"
Jan 2025	University of Toronto <sup>†</sup>
Dec 2024	Chicago Area Philosophical Exchange, University of Chicago†
Nov 2024	Duke-UNC Epistemology Conference*
May 2024	World Sequences Day Conference, University of Connecticut, Storrs <sup>†</sup>
May 2024	Workshop on Matthew Mandelkern's Bounded Meaning, University of Massachusetts, Amherst $^\dagger$
	"Most Counterfactuals are Indeterminate"
Nov 2024	New York Philosophy of Language Workshop, New York University <sup>†</sup>
Mar 2024	Rationality and Reality Workshop, University of California, Berkeley <sup>†</sup>
	"Desire-as-Belief in Context"
Oct 2024	Columbia University <sup>†</sup>
Jan 2024	Indiana University, Bloomington <sup>†</sup>
	"Is Polarization Really Rational?"
	with Eduardo J. Martinez
Feb 2024	APA Central Division Meeting, Colloquium*
Jun 2021	Michigan-MIT Social Philosophy Workshop, University of Michigan*
	"Counterfactuals in the Image of Chance"
Jan 2023	APA Eastern Division Meeting, Colloquium*
	"Humean Causation"
Apr 2022	UT Austin Graduate Philosophy Conference, University of Texas at Austin*

"Causation, Determinism, and Decision-making"

APA Central Division Meeting, Colloquium\*

CONFERENCE COMMENTS

Branden Fitelson, "A Two-Dimensional Theory of Argument Strength-with Applications"

Jan 2026 Ranch Metaphysics Workshop

Caleb Fawell, "Cautious Monotonicty: Not Cautious Enough?"

Mar 2025 APA Pacific Division Meeting, Colloquium

Ginger Schultheis, "'Might' Counterfactuals"

Jan 2025 APA Eastern Division Meeting, Invited Symposium

Commentator at Large

Apr 2024 Northeastern Epistemology Workshop

Shamik Dasgupta, "Practical Nihilism"

Mar 2024 Michigan Spring Colloquium

Jim Hutchison, "Moral Principles and Normative Generality"

Apr 2023 APA Pacific Division Meeting, Colloquium

Jason Konek, "Aggregating Imprecise Probabilities Using Epistemic Utilities"

with Elise Woodard

May 2019 Michigan Philosophy Alumni Conference

Jennifer Carr, "Epistemic Observation, Pragmatic Intervention"

Jan 2019 Michigan Spring Colloquium

# Awards and Fellowships

2023-24 Cornwell Prize, University of Michigan (full year fellowship)

Rackham One-term Dissertation Fellowships, University of Michigan, Fall and Spring semesters

Summer 2022 Rackham Research Grant, University of Michigan

Faculty Prize for Excellence in Teaching, University of Michigan

Summer 2021 Weinberg Pre-doctoral Fellowship, University of Michigan

Jelf Medal Nomination, King's College London

Arts and Humanities Research Council Studentship, for graduate study at Oxford (declined)
King's College London MPhilStud Bursary, for graduate study at King's College London (declined)

Bob Meyer Memorial Scholarship, for study at the Australian National University

## **Teaching**

#### Indiana

Spring 2026 Phil 105: Critical Reasoning

Spring 2026 Phil 360: Introduction to the Philosophy of Mind

Fall 2025 Phil 105: Critical Reasoning
Fall 2025 Phil 352: Logic and Philosophy

YALE

Spring 2025 Phil 210/Phil 510: Formal Philosophical Methods

Fall 2024 Phil 115: First-order Logic

MICHIGAN (LEAD INSTRUCTOR)

Summer 2023 Phil 303: Introduction to Symbolic Logic

MICHIGAN (TEACHING ASSISTANT)

Spring 2023 Phil 345: Mind and Language, for James M. Joyce

Fall 2021 Phil 303: Introduction to Symbolic Logic, for Gordon Belot

Spring 2021 Phil 444: Groups and Choices, for Brian Weatherson (online due to COVID)
Fall 2020 Phil 340: Minds and Machines, for Eric Swanson (online due to COVID)

Spring 2020 Phil 250: Changing the World, for David Manley

Fall 2019 Phil 305: Introduction to Formal Philosophical Methods, for Brian Weatherson

### Service to the Profession

Refereeing of Journal Submissions<sup>2</sup>

Acta Analytica; Analysis; American Philosophical Quarterly\*; Australasian Journal of Philosophy\*; Canadian Journal of Philosophy; Ergo\*; European Journal of Philosophy; Inquiry; Journal of Philosophy; Mind; Minds and Machines; Pacific Philosophical Quarterly\*; Philosophical Studies\*; Philosophy and Phenomenological Research; Review of Symbolic Logic; Synthese\*; Theory and Decision

Refereeing of Conference Submissions

Formal Approaches to Rationality and Meaning (FARM) Conference, 2025

#### Organizing

2020-24 Michigan Philosophy Weekly Tea
 2018-24 Michigan Epistemology Working Group
 2018-19 Michigan Philosophy Spring Colloquium

2016–18 King's College London Formal Philosophy Reading Group

<sup>&</sup>lt;sup>2</sup>'\*' indicates that I've reviewed multiple submissions.

#### Mentorship

2020-22 COMPASS Mentor

2022-24 Graduate Student Mentor (GSM), University of Michigan

#### OTHER SERVICE

APA Session Chair: Eastern, Central, Pacific

Editor, Philosopher's Annual

2018-19 Graduate Member, Admissions Committee, University of Michigan

2016-17 Co-author and tutor of a training course, "Reflexive strategies for better judgment and decision-

making", for the British Civil Service, with Julien Dutant and Alexandru Marcoci

## Other Skills and Experience

### Additional Education

Fall 2025 Supervised Program in Alignment Research (SPAR). Research Fellow on the Project "Towards a

Science of AI Agency: Modelling, Measuring, and Intervening on Goal-Directed Behaviour", led

by Mario Giulianelli. Team leader for the Reverse Enginereering Sub-team.

Aug 2022 European Summer School in Logic, Language, and Information (ESSLLI), National University of

Ireland, Galway, Ireland

Dec 2016 Logic Summer School, Australian National University, Canberra, Australia

PROGRAMMING LANGUAGES

Python

### References

Available upon request