

# Zachary William Lee Goodsell

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## Areas of Specialisation

Logic, metaphysics, epistemology, decision theory, philosophy of mathematics, ethics.

## Employment

National University of Singapore. Presidential Young Professor (Assistant Professor). From 2024.

New York University. Bersoff Faculty Fellow. 2023-2024.

## Education

PhD in Philosophy, University of Southern California. 2024.

BA (Honours) in Philosophy, University of Sydney. 2017.

BS in Mathematics, University of Queensland. 2016.

## Peer-Reviewed Publications

### *Forthcoming*

“Symmetry, Invariance, and Imprecise Probability” with Jake Nebel. Forthcoming in *Mind*.

“Unknowable Truths” with Juhani Yli-Vakkuri and John Hawthorne. Forthcoming in the *Journal of Philosophy*.

“Morality Does Not Encroach” with John Hawthorne. Forthcoming in *Knowledge and Rationality: Essays in Honor of Stewart Cohen* (eds. Juan Comesaña and Matthew McGrath).

### 2024

“Arithmetic is Necessary”. In the *Journal of Philosophical Logic* 53: 1145-1159.

“Decision Theory Unbound”. In *Noûs* 58: 669-695.

2022

“Tossing Morgenbesser’s Coin”. In *Analysis* 82 (2):214-221.

“Arithmetic is Determinate”. In the *Journal of Philosophical Logic* 51 (1):127-150.

2021

“A St Petersburg Paradox for Risky Welfare Aggregation”. In *Analysis* 81 (3):420-426.

2020

“What is an Extended Simple Region?” with Michael Duncan and Kristie Miller. In *Philosophy and Phenomenological Research* 101:649-659.

## Other Work

*Misc*

“LF: a Foundational Higher-Order Logic” with Juhani Yli-Vakkuri. arXiv:2401.11050.

*Dissertation*

*Unbounded Utility*. Defended June 2023.

*In Preparation*

*Logical Foundations* with Juhani Yli-Vakkuri. Book manuscript.

## Awards

Flewelling Fellowship, University of Southern California, 2022.

The University Medal, University of Sydney, 2017.

The Time Prize, University of Sydney, 2017.

## Speaking

### *Talks*

“Symmetry, Probability, and Imprecise Credence” with Jake Nebel. Workshop on Completeness and Incompleteness of Preference and Value at UT Austin. January 2024.

“Symmetries of Value”. Foundations of Probability Seminar. New York University. February 2023.

“Symmetries of Value”. Workshop on Fanaticism, Unboundedness, and Population Ethics at UT Austin. November 2022.

“Decision Theory Unlimited”. APA Pacific 2021.

### *Comments*

On “Local Deference and Multiple Experts” by Zhen Ma. Formal Epistemology Workshop 2024 (Canberra).

## Teaching

PE3101P: Decision Theory and Social Choice, NUS Fall 2024.

PHIL UA-78: Metaphysics, NYU Spring 2024.

PHIL UA-1: Central Problems in Philosophy, NYU Spring 2024.

PHIL122a/b: Reasoning and Argument, USC Fall 2021.

## Service

Search committee, NUS 2024.

Co-organizer of *(In)determinacy in Mathematics* conference at NUS, November 2024.

Referee for *Australasian Journal of Philosophy*, *Analysis* (×2), *Ethics*, *Journal of Philosophical Logic* (×2), *Mind* (×2), *Philosophical Studies* (×2), *Philosophy and Phenomenological Research*, and *Philosophical Quarterly*.