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

"Symmetries of Value". Forthcoming in *Noûs*.

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

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

"Morality Does Not Encroach" with John Hawthorne. Forthcoming in *Knowledge and Rationality: Essays in Honor of Stewart Cohen* (eds. Juan Comesana 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

Research Talks

"Intuitionistic Logic and the Reduction of Modality". Beijing International Summer Workshop on Formal Philosophy 2025. Scheduled for July 2025.

"Symmetries of Value". Formal Epistemology Workshop 2025. University of Iceland. Scheduled for May 2025.

"Intensionality in the Formalization of Science". Princeton University. February 2025.

"Semantic Signals". New York University. December 2024.

"Mathematical Logicism". Hong Kong Metaphysics Conference at Lingnan University. November 2024.

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

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

"Metaphysics and the Reduction of Semantics to Syntax". Given at the University of Pittsburgh, MIT, New York University, and the National University of Singapore. February-March 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).

Guest Lectures

Peking University. Lectures on Higher-Order Logic. Scheduled for July 2025.

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* (×3), *Mind* (×2), *Noûs* (×2), *Philosophical Studies* (×2), *Philosophy and Phenomenological Research*, and *Philosophical Quarterly*.