

Owen Montefisher

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Education

Masters of Arts - Philosophy (3.84/4.0)
Temple University, Philadelphia, PA

Expected: June 2028

Masters of Science - Mathematics (3.84/4.0)
Bachelors of Science - Mathematics (3.78/4.0), Cum Laude
Bachelors of Arts - Philosophy (3.78/4.0)
Minor - Physics June 2024
Western Washington University, Bellingham, WA

May 2026
June 2024
June 2024

Relevant Coursework

Mathematics:

Algebra: Abstract Linear Algebra, Algebraic Geometry, Category Theory, Group Theory, Representation Theory, Ring and Field Theory;

Analysis: Complex Analysis, Differential Geometry, Knot Theory, Mathematical Analysis I and II, Measure Theory, Ordinary Differential Equations, Point-Set Topology;

Applied Mathematics: Mathematical Modeling, Nonlinear Optimization;

Discrete Mathematics: Euclidean and Non-Euclidean Geometry, Graph Theory, Ramsey Theory, Set Theory.

Philosophy:

Epistemology: Epistemology I, Inquiry;

Ethics: Ethical Theory I and II;

History of Philosophy: Classical Chinese Philosophy, Empiricism, Pre-Socratic Greek Philosophy, Rationalism;

Logic: Modal Logic, Predicate Logic, Propositional Logic, Philosophy of Language;

Metaphysics: Metaphysics I with Studies on Space, Time, and Topology, Philosophy of Mathematics with focus on Geometry.

Positions

Western Washington University — Bellingham, WA

Graduate Teaching Assistant: Algebra, Precalculus I and II
Head Mathematics and Logic Tutor, WWU Tutoring Center
Mathematics, Logic, and Physics Tutor, WWU Tutoring Center
Research Assistant
Math Fellow

September 2024 – June 2026
September 2023 – June 2024
September 2022 – June 2024
March 2023 – June 2024
September 2022 – June 2023

Individual Projects, Course Work, and Papers

Studies in Topos Theory

September 2025-Present

Studies in Universal Algebra

October 2025-March 2026

A Disproof of Mathematical Constructivism via the Theory of Inquiry

August 2025-Present

Ramsey's Theorems in Context

April 2025-June 2026

Barring an Extended Spec Functor	<i>June 2025-June 2026</i>
Kleinian Geometry and the Mathematics-Philosophy Bridge	<i>December 2023-June 2024</i>
The Object of Proof	<i>June 2024</i>
Expected Morality as a Theory of Decisions	<i>June 2024</i>
Russell's Paradox and Axiomatic Set Theory	<i>December 2023</i>
Turing's Machine Mind and the Gödelian Objection	<i>August 2023</i>
The Ethics of Space Travel	<i>June 2023-August 2023</i>
Heraclitus and Zeno on Change	<i>March 2023</i>

Talks

Categorical Foundations and Barring the Extended Spec Functor	<i>Colloquium, WWU Department of Mathematics, June 2026</i>
Ramsey's Theorems in Context	<i>Cascadia Combinatorial Feast, November 2025</i>
Kleinian Geometry and the Mathematics-Philosophy Bridge	<i>WWU Department of Mathematics Scholars Week, June 2024</i>

Awards

Dean's List Spring 2023, Spring 2024, Fall 2024, Winter 2025, Spring 2025, Fall 2025.	
Richard Greene Academic Excellence Scholarship	<i>WWU Department of Mathematics, June 2025</i>
Downing-Montague Scholarship for Philosophy, Healthcare, and Technology,	<i>WWU Department of Philosophy, September 2023.</i>
Jarvis Memorial Summer Research Award,	<i>WWU College of Science and Engineering, Department of Physics, June 2023.</i>