

**Paul Anh Tran-Hoang**  
(last name formerly "McEldowney")

## Contact Information

*Email:* panhtranhoang@gmail.com

*Website:* <https://paultranhoang.github.io/>

## Employment

Assistant Professor (full-time, tenure-track), Department of Philosophy at South Puget Sound Community College, September 2022–Present.

Associate Professor (full-time, renewable, non-tenure-track), Department of Philosophy at Lone Star College, University Park, August 2021 – August 2022.

Assistant Professor (full-time, renewable, non-tenure-track), Department of Philosophy at Lone Star College, University Park, August 2020 – August 2021.

## Research Specializations

**AOS:** Philosophy of Logic, Philosophy of Mathematics, Logic (Mathematical and Philosophical).

**AOC:** Philosophy of Science, Philosophy of Language, 19th and 20th-century Philosophy.

## Education

**Ph.D. Philosophy**, University of Notre Dame, August 2020.

Dissertation Title: *Model-Theoretic Approaches to Theoretical Equivalence and Reduction*

Committee: Timothy Bays (co-director), Curtis Franks (co-director), Michael Detlefsen<sup>†</sup> (co-director), Patricia Blanchette, Sean Walsh (UCLA).

**M.S. Mathematics**, University of Notre Dame, May 2017

Thesis Title: *Galois Cohomology and Definability*

Advisers: Anand Pillay and Curtis Franks

**M.A. Philosophy**, University of Notre Dame, May 2017.

**B.S. Mathematics**, University of California, Irvine, August 2012, *Magna Cum Laude*.

**B.A. Philosophy**, University of California, Irvine, August 2012, *Magna Cum Laude*.

## Peer-reviewed Publications

1. "On the Virtue of Categoricity," *Notre Dame Journal of Formal Logic*, Volume 13, Issue 1, 2021, pp. 107-146, special issue commemorating Michael Detlefsen, DOI: 10.1215/00294527-2021-0005.
2. "On Morita Equivalence and Interpretability," *The Review of Symbolic Logic*, Volume 13, Issue 2, 2020, pp. 388 - 415, DOI: <https://doi.org/10.1017/S1755020319000303>
3. "Bolzano Against Kant's Pure Intuition," *Research in History and Philosophy of Mathematics*, edited by M. Zack and D. Schlimm, 2017. This paper was awarded the prize for best student paper at the Canadian Society for the History and Philosophy of Mathematics (CSHPM) 2016 meeting.

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<sup>†</sup>Deceased October 21, 2019.

## Manuscripts in Preparation

1. "Weyl's Influence on Heidegger's Conception of Time."
2. "A Model-theoretic Approach to Logicism: A Case Study on Zilber's Conjecture."
3. "Measuring Theory through Structure."
4. "Thao against Husserl."

## Presentations

"Toward Model-theoretic Logicism", American Philosophical Association Pacific Division Meeting, Virtual, April 2021.

"Toward Model-theoretic Logicism", Eleventh French Philosophy of Mathematics Workshop, University of Paris 1 Pantheon-Sorbonne, November 2019.

"Against Categoricity", Mathematics in Philosophy: Purity and Idealization, University of Notre Dame, March 2019.

"Weyl and Heidegger", Phenomenological Approaches to Physics, University of Graz, June 2018.

"Bolzano against Kant's Pure Intuition", CSHPM Meeting, University of Calgary, May 2016.

## Teaching Experience

### *As Sole Instructor*

At South Puget Sound Community College:

#### Introduction to Philosophy

Fall 2022, 2 sections, all online asynchronous.

#### Ethics

Fall 2022, 1 section, online asynchronous.

At Lone Star College-University Park:

#### Introduction to Philosophy

Fall 2020, 3 sections, all online asynchronous.

Spring 2021, 3 sections, all online asynchronous

Summer 2021, 1 section, online asynchronous.

Fall 2021, 3 sections, online asynchronous.

Spring 2022, 3 sections, online asynchronous

Summer 2022, 1 section.

#### Introduction to Formal Logic

Fall 2020, 2 sections, all online asynchronous.

Spring 2021, 2 sections, one online synchronous, one online asynchronous.

Summer 2021, 1 section, online asynchronous.

Fall 2021, 1 section, online asynchronous.

Spring 2022, 2 sections, online asynchronous

Summer, 2022, 1 section.

Honors Introduction to Formal Logic  
Fall 2021, 1 section, online synchronous.

At Westville Correctional Facility:

Non-credit yearlong workshop on Podcasting and the Liberal Arts, Fall 2019-Spring 2020.

At Notre Dame:

Formal Logic, Spring 2018

*As Teaching Assistant (Notre Dame)*

Formal Logic, Prof. Curtis Franks, Spring 2017

Introduction to Philosophy, Prof. Joseph Karbowski, Spring 2016

Formal Logic, Prof. Michael Detlefsen, Fall 2015.

Introduction to Philosophy, Prof. Stephen Dumont, Spring 2015.

Introduction to Philosophy, Prof. Robert Audi, Fall 2014.

## **Fellowships, Grants, and Awards**

### *Fellowships*

Nanovic Institute Dissertation Completion Fellowship 2019-2020.

University Presidential Fellowship, University of Notre Dame, 2013-2018.

### *Grants and other Awards*

Community Impact Grant for the Podcast Workshop at Westville Correctional Facility, *Notre Dame's Center for Social Concerns*, October 2019.

Striving for Excellence in Teaching Certificate, *Kaneb Center for Teaching and Learning*, 2019.

Certificate in Online Teaching, Online College Teaching Institute, *Kaneb Center for Teaching and Learning*, 2019.

Summer Language Abroad Grant for Vietnamese (for research project on the Vietnamese philosopher Tran Duc Thao), July-August 2018.

Canadian Society for the History and Philosophy of Mathematics (CSHPM) prize for best graduate student paper at the CSHPM 2016 meeting.

German Academic Exchange Service (DAAD) Summer Intensive Language Grant, July-August 2016.

Stipendiary participant in *Hegel's Phenomenology of Spirit*, a summerlong seminar on Hegel's *Phenomenology of Spirit*, Ruprecht Karl University of Heidelberg, 2015.

Stipendiary participant in Philmath Intersem 4, 5, 6, 7, 8, and 9 summer-long seminars on the philosophy of mathematics, Paris Diderot University, 2013-2019.

## **Service**

Referee for *Synthese*.

Reviewer for *Mathematical Reviews* (x3).

Faculty member at Moreau College Initiative (MCI), 2019. *The MCI is a college program administered by Holy Cross College and the University of Notre Dame that provides inmates at Westville Correctional Facility (Westville, Indiana) the opportunity to earn college credit with the goal of attaining an A.A. or B.A. degree. Personal duties at the MCI:*

1. Instructor for a workshop course on Podcasting and the Liberal Arts (Fall 2019-Spring 2020).
2. Study hall supervisor and tutor (January 2019-Spring 2020).

Notre Dame Philosophy Minorities and Philosophy (MAP) Mentorship program 2017, 2019.

Minority and International Student Event Coordinator, 2013.

### Research Languages

German (Reading)

French (Reading)

Vietnamese (Reading)

### Affiliations

American Philosophical Association

Association for Symbolic Logic

### Graduate-Level Coursework (starred if audited)

#### *German*

German for Advanced Research (Carsten Dutt)

#### *Philosophy of Science, Logic, and Mathematics*

Hist. of Philosophy of Mathematics, 19th and early 20th Centuries (Michael Detlefsen)

Gödel's Theorems (Michael Detlefsen)

Logical Pluralism (Patricia Blanchette)

Time (Norman Sieroka)

Gender and Science\* (Janet Kourany)

Intuitionism\* (Curtis Franks)

Model Theory and Philosophy\* (Patricia Blanchette)

#### *History of Philosophy*

Heidegger (Stephen Watson)

Frege (Patricia Blanchette)

Kant's First Critique (Eric Watkins)

Early Modern Metaphysics (Samuel Newlands)

Plato's Late Dialogues (Vittorio Hösle)

Marxism and Culture (Terry Eagleton)

Independent Study: Cavaillès, Thao, and French Phenomenology (Stephen Watson)

*Mathematics and Logic*

Basic Algebra I & II (Samuel Evens, Math Department)

Basic Logic I: Model Theory (Anand Pillay, Math Department)

Basic Logic II: Computability Theory (Julia Knight, Math Department)

Topics in Logic: Pseudofinite Model Theory (Anand Pillay, Math Department)

Basic Geometry and Topology (Stephan Stolz, Math Department)

Topics in Logic: Categorical Logic (Anand Pillay, Math Department)

Modal Logic (Timothy Bays)