

KATHERINE VALDE
curriculum vitae

Department of Philosophy
Loyola University - Chicago
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Chicago, IL 60625



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Areas of Research

AOS: Philosophy of Science, Philosophy of Biology
AOC: Feminist Philosophy, M&E, Buddhist and Indian Philosophy

Employment

Lecturer – Loyola University - Chicago	2024 - Present
Assistant Professor – Wofford College	2019-2024

Education

Ph.D., Boston University, August 2019
Dissertation: “On Time and Process in Biology”
Advisor: Alisa Bokulich

B.A., Lawrence University, June 2012
Majors: 1. Biology (Concentration: Neuroscience) 2. Philosophy
Minor: Psychology

Publications

1. “When Will Scientific Disagreement Bear Fruit?: A Case Study About Angiosperm Origins”
Philosophy of Science (forthcoming)
2. “From Metaphysics to Methods: Pluralism in Cancer Research”
Acta Analytica (2024)
3. “Has Quantification Seduced Higher Ed?” with E. Scarffe
Academe (2024)
4. “The Trouble with Knowing You Were Trouble” with E. Scarffe
Taylor Swift and Philosophy – Blackwell Pop Culture and Philosophy (2024)
5. Book Review of *Mechanisms in Science: Method or Metaphysics?* by Stavros Ioannidis and Stathis Psillos
British Journal of Philosophy of Science (2024)
6. “A Processual Revolution for Philosophy of Biology?”
Book Review of *Everything Flows* Edited by John Dupré and Daniel J. Nicholson
Philosophy of Science (2019)

Public Facing Projects

“When Did Flowering Plants Appear on Earth?”

Blog Post for *Extinct: The Philosophy of Paleontology Blog* (2024)

<https://www.extinctblog.org/extinct/2024/3/6/when-will-scientific-disagreement-bear-fruit>

“Will Data Save Us From Ourselves? Epistemic Uncertainty and Data-Driven Policy Making”

Blog Post with E. Scarffe for *What to Do About Now* (2022)

<https://www.whattodoaboutnow.com/post/can-data-save-us-from-ourselves>

“For what it is worth, I had an abortion”

Blog Post written for *Journal of Medical Ethics* (2022)

<https://blogs.bmj.com/medical-ethics/2022/07/01/fwiw-i-had-an-abortion/>

Interview with *Out of the Lab with...* Podcast

Podcast is part of the Spartanburg Science Center and seeks to connect 3rd-12th grade educators with STEM professionals (2022)

Works in Progress

“A Jurisprudential Philosophy of Science: Beyond the Value-Free Ideal” with E. Scarffe – Under Review

“Temporal Discordance: Re-examining Dating Disagreements in Evolutionary Biology” – Revising Draft

“Biological Timescales and the Processual Nature of Life” – Completed Draft

“The Possibility of Metaphysical Dialetheism” – Under Review

Teaching Experience

Upper-Level Undergraduate Courses

Philosophy of Science	Spring 2020, Fall 2022, Fall 2024
Philosophy of Biology	Fall 2020, Fall 2023
Metaphysics	Fall 2019, Spring 2022
Senior Seminar	Spring 2022, Fall 2022
Philosophy of Mathematics (Directed Study)	Spring 2022
Philosophy of Fashion (Directed Study)	Spring 2024
Minds, Bodies, and Selves	Spring 2022, Spring 2024
Models and Measurement	Spring 2021

Introductory Level Undergraduate Course

Philosophy and Persons	Fall 2024
Human Nature	Fall 2023

Philosophy: Science in Context	Spring 2022
Embedded Philosophy: Environmental Ecology	Jan 2023, Jan 2024
Gender, Race, and Science	Fall 2021, Fall 2022
Biomedical Ethics	Fall 2020, Spring 2022
Problems of Philosophy	Fall 2019, Spring 2020
Feminism in Theory and Practice (at BU)	Spring 2019
Doubt in Science and Politics (at BU)	Fall 2018
Science and Values (at BU)	Spring 2018
Introduction to Philosophy (at BU)	Summer 1 2017
Topics in Philosophy (Summer Challenge at BU)	Summer 2016-2022

Presentations (*invited)

- “When Will Scientific Disagreement Bear Fruit?: A Case Study About Angiosperm Origins”
2024 (upcoming) Philosophy of Science Association, New Orleans, LA
- “The Value-Free Ideal: Lessons for Science, Law, and the Science of Law”
2024 Illinois Philosophical Association, Champagne, IL
- “The Usefulness of Interdependent Lines of Evidence: Molecular and Fossil clocks in dating Angiosperm Origins”
2024 Philosophy of the Paleosciences, Exeter, United Kingdom
- “The Role of the Species Concept in the Angiosperm Origins Debate”
2024 Philosophy of Biology at the Mountains (POBAM), Salt Lake City, UT
- “When Will Scientific Disagreement Bear Fruit?: A Case Study About Angiosperm Origins”
2024 Philosophy and Biology Shop Talks (PaBST), Luna Farms, NC
- “Sew What? A Philosophical Exploration of Neutrality in Fashion”
2024 South Carolina Society for Philosophy, Davidson, NC
- “From Metaphysics to Methods: Pluralism in Cancer Research”
2024 Lawrence University, Appleton, WI
- “The Trouble with Knowing You Were Trouble: What Taylor Swift Can Teach us about Contemporary Epistemology”
2023 Converse University, Spartanburg, SC
- “Impartiality as a Misplaced Ideal: Gender, Race, Law, and Science”
2023 South Carolina Society for Philosophy, Hilton Head Island, SC
- “Lessons from the Calibration and Synchronization of Biological Clocks”
2023 Integrated History and Philosophy of Science, Columbia, SC
- “Sew What? A Philosophy Exploration of Neutrality in Fashion”
2023 North Carolina Philosophical Association, Raleigh, NC

“Philosophy Across the (STEM) Curriculum: How Philosophy of Science Courses Can Meet General STEM Education Requirements”

2023 American Association of Philosophy Teachers, Montreal, QB

“Timescales and Biological Individuality”

2022 Philosophy of Biology at the Mountains - Appalachia

“Biological Timescales and the Processual Nature of Life”

2022 South Carolina Society for Philosophy, Spartanburg, SC

“Epistemic Uncertainty and Data Driven Policy” with E. Scarffe

2022 Association of Practical and Professional Ethics, Virtual

“Synchronizing the Fossil and Molecular Clocks”

2021 Philosophy of Science Association Meeting, Baltimore, MD

Poster presentation: “Barriers to increasing diversity in environmental science”

2021 Philosophy of Science Association Meeting, Baltimore MD

“Biological Clocks and the Usefulness of Multiple Lines of Evidence”

2021 International Society for the History, Philosophy, and Social Studies of Biology, Virtual

“Impartiality isn’t impartial: Gender, Race, Law and Science” with E. Scarffe*

2021 Florida International University Philosophy Club Meeting

“Impartiality isn’t impartial: Gender, Race, Law and Science” with E. Scarffe

2021 Association of Practical and Professional Ethics, Virtual

“Metaphysics in Scientific Systems”

2021 Eastern Division American Philosophical Association, Virtual

“The Evolution of Moral Language”

2021 Canadian Philosophical Association, Virtual

“Using Metaphysics to Institutionalize Pluralism”

2021 Society for the Philosophy of Science in Practice, Virtual

Poster presentation: “Credit hours as a barrier to diversity in Environmental fields”

2020 AAC&U Transforming STEM Higher Education, Virtual

“Using Metaphysics to Institutionalize Pluralism”

2020 Prague Meeting on Philosophy of Science, Virtual

“Methods and Expectations in Carcinogenesis Research”

2018 Philosophy of Science Association Meeting, Seattle, WA

Poster presentation: “From Metaphysics to Methods in Biomedical Science”
2018 Philosophy of Science Association Meeting, Seattle, WA

“Manipulations of Time in Biological Methodologies”^{*}
2018 Boston University Colloquium for Philosophy of Science, Boston, MA

“Process Ontology as a Problem for Mechanistic Explanation”
2018 Canadian Society for the History and Philosophy of Science, Regina, SK

“What can we learn about norms from non-human animals?”
2018 International Conference of Economics and Philosophy, Lyon, France

“The Possibility of Metaphysical Dialetheism”
2018 World Congress on Universal Logic, Vichy, France

Comments on “Biology's 2nd and 3rd Laws” by Dr. James Mattingly
2018 Eastern Division Meeting of the APA, Savannah, GA

Certificates and other Trainings

Teach.Equity.Now. Fellows Program	2020 - 2022
AAPT Workshop on Teaching and Learning in Philosophy (at MIT)	2018
Graduate Certificate in Teaching Writing (Boston University)	2018
Mathematical Logic Summer Institute (Munich Center for Mathematical Philosophy)	2015

Service

PSA-DEI caucus Highlighted Philosopher feature editor	2022 – present
Website Manager- South Carolina Society for Philosophy	2022 – present
South Carolina Society for Philosophy President	2023 – 2024
Wofford Institutional Review Board member	2023 – 2024
Wofford Presidential Advisory Council	2023 – 2024
Global and Diverse U.S. Perspectives Gen Ed Committee (Chair)	2023 – 2024
Science in Context Gen Ed Committee	2021 – 2024
Search Advocate Program Member	2021 – 2024
Environmental Studies Department Hiring Committee	2022
South Carolina Society for Philosophy Vice President	2022 – 2023
JEDI Recommendation 8 Gen Ed Committee	2022 – 2023
Student Experience Committee	2020 – 2023
Faculty Organizer MAP at Wofford	2020 – 2023
Keller Fellowship Hiring Committee – Chair	2021 – 2022
New Faculty Orientation Planning Committee	2021 -2022
Judge – Ethic Bowl (South Carolina State competition)	2020 – 2022
Psychology Department Hiring Committee	2021
ODI Anti-Racism Challenge Mentor	2020
Speaker at BU Placement Seminar	2020
Keller Fellowship Hiring Committee	2020 &2022
Eastern APA Organizing Committee	2019 – 2020

Voting Member – BU CAS Humanities Curriculum Committee	2018 – 2019
President – Philosophy Graduate Student Association	2017 – 2018
Invited Reviewer – Eastern APA meeting	2017
Organizer – Women’s Lunch, Department of Philosophy	2016 – 2017
Assistant – Neuroscience and Philosophy degree program	2016 – 2017
Member – Minorities and Philosophy BU Chapter	2016 – 2019

Awards and Honors

Summer Research Grant (\$6,000)	2023
Best non-tenured faculty essay award: South Carolina Society for Philosophy	2022
Outstanding Graduate Student Award, BU Center for the Humanities	2018
Writing Program Fellowship, Boston University	2017-2019
Dissertation Fellowship, Boston University	2016-2017
Teaching Fellowship, Boston University	2014-2016
Metcalf Fellowship, Boston University	2013-2014
Degree <i>Magna Cum Laude</i> in Course, Lawrence University	2012

Memberships

American Philosophical Association
 Philosophy of Science Association
 International Society for the History, Philosophy, and Social Studies of Biology
 Society for Philosophy of Science in Practice
 South Carolina Society for Philosophy
 Canadian Society for the History and Philosophy of Science
 Canadian Philosophical Association
 American Association of Philosophy Teachers