

KATHERINE VALDE

curriculum vitae

Spartanburg, SC 29303

www.katherinevalde.com

Areas of Research

AOS: Philosophy of Science, Philosophy of Biology

AOC: Feminist Philosophy, Logic, Metaphysics

Employment

Assistant Professor – Wofford College

2019-present

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

Public Facing Projects

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

Blog Post co-written with Dr. Eric Scarffe for *What to do about now?* (2022)
forthcoming

“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)

Publications

“A Processual Revolution for Philosophy of Biology?”

Book Review of *Everything Flows* Edited by John Dupré and Daniel J. Nicholson

Philosophy of Science (2019)

Works in Progress

“The Possibility of Metaphysical Dialetheism” – Under Review

“Neutrality Isn’t Neutral: Gender, Race, Science, and Law” with Eric Scarffe – Under Review

“Synchronizing the Fossil and Molecular Clocks” – Completed Draft

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

“From Metaphysics to Methods: Foundations for Pluralism” – Completed Draft

“Epistemic Uncertainty and Data Driven Policy” with Eric Scarffe – Revising Draft

“Barriers to Increasing Diversity in Environmental Science” with Jen Bradham and Megan Kelly
– Revising Draft

Teaching Experience

Upper-Level Courses

Metaphysics	Upcoming- Spring 2022
Senior Project	Spring 2022, Fall 2022
Philosophy of Mathematics (Directed Study)	Spring 2022
Minds, Bodies, and Selves	Spring 2022
Philosophy of Biology	Fall 2020
Models and Measurement	Spring 2021
Philosophy of Science	Spring 2020, Fall 2022
Metaphysics	Fall 2019

Introductory Level Course

Philosophy: Science in Context	Upcoming- Spring 2022
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 Boston University)	Spring 2019
Doubt in Science and Politics (at Boston University)	Fall 2018
Science and Values (at Boston University)	Spring 2018
Introduction to Philosophy (at Boston University)	Summer 1 2017
Topics in Philosophy (Summer Challenge Program)	Summer 2016-2022

Presentations (*invited)

“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 Eric 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 Eric Scarffe*
2021 Florida International University Philosophy Club Meeting
- “Impartiality isn’t impartial: Gender, Race, Law and Science” with Eric 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

“The Basics of Research Ethics”*

2016 Research in Science and Engineering Workshop Series, Boston University

“The Possibility of Dialetheism”

2015 Munich Center for Mathematical Philosophy Summer School, Ludwig Maximilian University of Munich, Munich, Germany

“Philosophy and Biology: a Facultative Mutualism”*

2012 Recent Advance in Biology Lecture Series, Lawrence University, Appleton, WI

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

Environmental Studies Department Hiring Committee	2022-present
South Carolina Society for Philosophy Vice President	2022-present
JEDI Recommendation 8 Gen Ed Committee	2022 - present
Science in Context Gen Ed Committee	2021-present
Student Experience Committee	2020 -present
Faculty Organizer MAP at Wofford	2020-present
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	2020-2021
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
Assistant – Biomedical Engineering Science Writing Program	2016-2019
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

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 Fellowshio, 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