

Curriculum Vitae

Samantha Wakil

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Areas of Interest

AOS: Philosophy of Science, Philosophy of Biology, Experimental Philosophy, Carnap

AOC: Philosophy of Mathematics, Environmental Ethics, Conceptual Engineering, Applied Ethics, Philosophy of Race and Gender, Philosophy of Social Science, Research Ethics, Bioethics

Employment

2021-present Visiting Assistant Professor at the University of Nevada Las Vegas.

Education

2016—
2020 Ph.D. in Philosophy, The University of North Carolina at Chapel Hill.
— **Dissertation.** Explications for Engineering.
— **Committee.** Ram Neta (chair), Jack Justus, Alan Nelson, Luc Bovens, Jen Morton.

2018 M.A. in Philosophy, The University of North Carolina at Chapel Hill.
— **Thesis.** Objectivity and Orgasm.
— **Committee.** John Roberts, Alan Nelson, and Gillian Russell.

2011—
2015 B.A. in Philosophy. Minor in the History and Philosophy of Science, Florida State University.

Articles

2021 Justus, J. and **Wakil, S.**, “The Algorithmic Turn in Conversation Biology: Characterizing Progress in Ethically-Driven Sciences” in *Studies in the History and Philosophy of Science*.

2021 Wakil, S., “Experimental Explications for Conceptual Engineering” in *Erkenntnis*.

2020 Wakil, S., “Objectivity and Orgasm: The Perils of Imprecise Definitions” in *Synthese*.

2017 **Wakil, S.** and Justus, J., “Mathematical Explanation and the Optimality Fallacy” in *Philosophy of Science*. 84: 916-930.

Papers

“The Function of Fruitfulness” (*under review*)

“The ‘Niche’ in Niche-Based Theorizing: Much Ado About Nothing” with Jack Justus (Revise and Resubmit to *Biology and Philosophy*)

Presentations

- 2020 “**Characterizing Progress in Ethically Driven Sciences**” (With Jack Justus) Doing Science in a Pluralistic Society, workshop at the University of Dayton, Ohio, 2020. *Invited talk.*
- 2020 “**Vicious Virtues: Parsimony as a Framing Effect**” Philosophy, Politics, and Economics Society Annual Meeting, New Orleans, March 2020.
- 2019 “**A Problem with the Comparative Method in Behavioral Ecology?**” International Society for the History, Philosophy, and Social Studies of Biology, Oslo, Norway, July 2019.
- 2018 “**Saving Mathematical Indexing from Philosophical Decay**” Midwest Philosophy of Mathematics Workshop at Notre Dame, Southbend, October 2018.
- 2019 “**Objectivity and Orgasm**” Center for Participant Engagement, Tallahassee, December 2019. *Invited talk*
- 2018 Philosophy of Science Association Biennial Conference, Seattle, November 2018.
- 2017 South Eastern Epistemology Conference, Tallahassee, October 2017. *Invited talk*
- 2018 Commentary on “**Sovereignty as Responsibility and the Duty to Admit**” paper by Drew Thomson, Central APA, 2018
- 2016 “**Mathematical Explanation and the Optimality Fallacy**” Philosophy of Science Association Biennial Conference, Atlanta, November 2016. Florida State University Brown Bag Series, October 2016.
- 2016 “**Mathematical Explanation and Optimization Inferences**” Graduate Student Philosophy Conference University of Florida, Gainesville, March 2016.
- 2016 “**Reliabilism and Medical Epistemology**” Medical Knowledge in a Social World, Irvine, March 2016.

Teaching Experience

- Fall 2017 **PHIL 155:** Introduction to Mathematical Logic. Teaching Assistant.
- Spring 2018 **PHIL 272:** Ethics of Peace, War, and Defense. Teaching Assistant.
- Fall 2018 **PHIL 272:** Ethics of Peace, War, and Defense. *Instructor of record.*
- Spring 2019 **PHIL 150:** Reasoning and Critical Thinking. Teaching Assistant.
- Spring 2019 **GRAD 721:** Graduate level Research Ethics course. *Instructor of record.*
- Spring 2020 **PHIL 3500:** Moral Theory. *Instructor of record.*
[at the University of Colorado-Boulder]

Summer 2021

PHIL 143: AI and the Future of Humanity. *Instructor of record.*

PHIL 272: Ethics of Peace, War, and Defense. *Instructor of record.*

Fellowships, Grants, Honors

- 2016—
2017 Horace Williams Fellowship.
- Fall 2018 Hayek Grant from the Institute for Humane Studies.
- Fall 2018 National Science Foundation Travel Grant.
- Spring 2019 Institute for Humane Studies Research Fellowship.
- Summer 2020 UNC Summer Research Fellowship .

Professional Service

Journal referee for: *Synthese*, *Philosophy of Science*, *Philosophia Mathematica*

Conference organizer:

- 2019 “Compass Workshop at UNC for Minorities in Philosophy”, Chapel Hill, Nc.
- 2015 “The National Undergraduate Bioethics Conference”, Tallahassee, Fl.
- 2016 Bioethics Bowl coach for Florida State University undergraduate team.
- 2016—
present National High School Ethics Competition judge.
- 2016—
present Ethics Bowl Case writer.

Department Service:

- 2016—
2018 Diversity committee member.
- 2018—
2019 Graduate student-faculty liaison.
- 2018—
2019 Graduate student grievance committee member.

References

Ram Neta

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The University of North Carolina at Chapel Hill
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James Justus

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Florida State University

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