

*Curriculum Vitae*

**Samantha Wakil**

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**Areas of Interest**

**AOS:** Philosophy of Science (esp Biology), Experimental Philosophy, History of Analytic (esp Carnap and Quine).

**AOC:** Philosophy of Mathematics, Engineering Ethics, Environmental Ethics, Philosophy of Social Science, Research Ethics.

**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 ‘Niche’ in Niche-Based Theorizing: Much Ado About Nothing” with Jack Justus (Accept with minor revisions)

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

## 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.*

*Fall 2021*            **PHIL 242:** Engineering Ethics. *Instructor of record.*  
[at the University of Nevada]  
**PHIL 102:** Reasoning and Critical Thinking. *Instructor of record.*  
[at the University of Nevada]

### **Fellowships, Grants, Honors**

*2016—*                    Horace Williams Fellowship.  
*2017*

*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—*                      National High School Ethics Competition judge.  
*present*

*2016—*                      Ethics Bowl Case writer.  
*present*

### **Department Service:**

*2016—*                      Diversity committee member.  
*2018*

*2018—*                      Graduate student-faculty liaison.  
*2019*

*2018—*                      Graduate student grievance committee member.  
*2019*

### **References**

**Ram Neta**

Full Professor

The University of North Carolina at Chapel Hill

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**James Justus**

Full Professor

Florida State University

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**Alan Nelson**

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**Luc Bovens**

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