

# Nathan Gabriel | Curriculum Vitae

✉ nathangabriel@ucmerced.edu • 🌐 nathanlgabriel.github.io/

## Education

---

### University of California Irvine

*PhD, Philosophy, Department of Logic and Philosophy of Science* 2018–2023

### University of California Irvine

*MA, Social Sciences, Center for Theoretical Behavioral Sciences* 2018–2023

### University of Houston

*MA, Philosophy,* 2016–2018

### Rice University

*BA, Mathematics,* 2008–2013

## Academic Employment

---

### University of California Merced

*Postdoctoral Scholar* 2023–present

Conducted research on social identity signaling, specifically when people have multiple complex identities. This included developing a formal model and writing code for simulating the model. Supported by NSF grant: BCS-2241823.

### University of California Irvine

*Associate Instructor* summer 2023

Taught LPS 31 Introduction to Inductive Logic.

### University of California Irvine

*Graduate Student Researcher* summers 2021, 2022

Conducted research on polarization of beliefs in epistemic networks. Research was supported by NSF grant 1922424: Consensus, Democracy, and the Public Understanding of Science.

### University of California Irvine

*Teaching Assistant* 2019–2023

Taught discussions sections, graded, and gave review sessions for exams.

Selection of classes taught:

- LPS 29 Critical Reasoning
- LPS 30 Intro to Symbolic Logic
- LPS 31 Intro to Inductive Logic
- PSYCH 7A Intro to Psychology
- PSYCH 9A Psych Fundamentals

### University of Houston

*Teaching Assistant* 2017–2018

Held office hours, graded, and gave review sessions for exams.

Selection of classes taught:

- PHIL 1301 Introduction to Philosophy
- PHIL 1321 Logic 1

## Publications

---

- [1] Nathan Gabriel and Cailin O'Connor. Can confirmation bias improve group learning? *Philosophy of Science*, 91(2):329–350, 2024.
- [2] Nathan Gabriel. Pyow-hack: Ordered compositions in lewis-skyrms signaling games. *Erkenntnis*, 2023.
- [3] Liam K Bright, Nathan Gabriel, Cailin O'Connor, and Olufemi Taiwo. On the stability of racial capitalism. *Ergo*, 2022.
- [4] Jeffrey A. Barrett and Nathan Gabriel. Reinforcement with iterative punishment. *Journal of Experimental & Theoretical Artificial Intelligence*, 2022.

## Under Review

---

*Three People Make a Tiger: Illusory Truth in Epistemic Networks* Nathan Gabriel

## Posters and Presentations

---

<b>Workshop on Modeling and Applications of Evolutionary Game Theory</b> <i>presentation, "Franco-Sicilian Abstraction"</i>	<b>virtual</b> 2023
<b>Philosophy of Science Association Conference</b> <i>symposium, "On the Stability of Racial Capitalism"</i>	<b>Pittsburgh</b> 2022
<b>Philosophy of Science Association Conference</b> <i>poster, "Confirmation Bias and Illusory Truth in Epistemic Networks"</i>	<b>Pittsburgh</b> 2022
<b>Formal Epistemology Workshop</b> <i>poster, "Confirmation Bias and Illusory Truth in Epistemic Networks"</i>	<b>Irvine</b> 2022
<b>Philosophy of Science Association Conference</b> <i>poster, "Can Confirmation Bias Improve Group Learning?"</i>	<b>Baltimore</b> 2021
<b>Formal Epistemology Workshop</b> <i>poster, "A How-Possibly Model of Putty-nosed Monkey Alarm Calls"</i>	<b>Irvine</b> 2020

## Service

---

<b>UC Merced Cognitive and Information Sciences</b> <i>Mentorship for Undergraduates (MUG) Mentor</i>	2024–present
Met regularly with mentee to provide advice on current studies and plans for applying to graduate school.	
<b>Minorities and Philosophy</b> <i>MAP Representative</i>	2021–2023
Organized talks and resources related to minorities' navigation of academic philosophy.	
<b>School on Wheels</b> <i>Volunteer Tutor</i>	2021–2023
Tutored grade school and high school children in a variety of subjects.	
<b>LPS Climate Committee</b> <i>MAP Representative</i>	2021–2023
The LPS Climate Committee is a graduate student led committee promoting diversity equity and inclusion.	

**UCI - End Racism Initiative***Co-leader (group 1)**2020–2021*

Attended leadership training on facilitating restorative dialogue; and facilitated dialogue focused on the recruitment of Black faculty.

**Prepare and Prosper***Volunteer Tax Preparer**2015*

Screened and prepared tax returns for low income clients.

**Samro School****Eldoret, Kenya***Volunteer**2013*

Tutored mathematics for junior high school students, assisted with the development of a school computer lab, taught chess and organized tournaments for students who previously had no exposure to the game.

**Awards and Fellowships**

---

- Division of Teaching Excellence and Inclusion Summer Fellowship (UCI, Summer 2022)
- Social Science Merit Fellowship (UCI, 2018-2024)
- Herbert Lehman Scholarship (NAACP Legal Defense and Educational Fund, 2008-2012)
- Trustees' Distinguished Scholarship (Rice University, 2008-2012)
- African-American Scholars Program (University of Notre Dame, Summer 2007)