

## EDUCATION

- 2025–present **Harvard University**, *Ph.D. in Computer Science*, Cambridge, MA.  
Advised by Professors Martin Wattenberg, Fernanda Viégas, Krzysztof Gajos
- 2019–2025 **Stanford University**, *B.S. in Symbolic Systems (Artificial Intelligence) with Honors*, Stanford, CA.  
Thesis: Understanding and Acting on Algorithmic Recommendations  
Advised by Professors Michael S. Bernstein, Ranjay Krishna, Tobias Gerstenberg

## OTHER ACADEMIC RESEARCH

- 2024 **Massachusetts Institute of Technology**, *Research Intern*, Cambridge, MA.  
Advised by Professor Arvind Satyanarayan

## INDUSTRY RESEARCH

- 2022 **Microsoft Research**, *Research Intern*, Redmond, WA.  
Advised by Jennifer Wortman Vaughn, Gagan Bansal, Adam Fourney, Vera Liao

## ACADEMIC HONORS & AWARDS

### Conference and Research Awards, Fellowships, and Grants

- 2025 **NSF GRFP**, *National Science Foundation Graduate Research Fellowship*.
- 2025 **MIT**, *Ph.D. in EECS, Ida Green Fellowship*.
- 2025 **Princeton University**, *Ph.D. in CS, Gordon Wu Fellowship*.
- 2025 **Stanford University**, *Ph.D. in CS, Knight-Hennessy Fellowship Finalist*.
- 2025 **University of Washington**, *Ph.D. in CS, College of Engineering Dean's Fellowship*.
- 2025 **Stanford University**, *Firestone Award for an Undergraduate Thesis*.  
Given to the top 10% of theses
- 2025 **Stanford University**, *Outstanding Achievement Award*.  
Given to two Stanford graduating seniors
- 2025 **Computing Research Association**, *Outstanding Undergraduate Researcher Award*.  
Given to 8 undergraduates in the U.S.
- 2025 **Stanford University**, *Phi Lambda Beta Portuguese Honor Society*.
- 2025 **COLM Workshop**, *Best Paper Honorable Mention, Workshop at Conference on Language Modeling*.
- 2024 **ACM CHI Workshop**, *Spotlight Talk, Workshop at CHI Conference on Human Factors in Computing Systems*.
- 2023 **ACM CSCW**, *Best Paper Honorable Mention, Conference on Computer Supported Cooperative Work*.
- 2023 **Stanford University**, *Symbolic Systems Journal Hofstadter Award*.
- 2022 **Stanford University**, *STEM Fellowship*.
- 2022 **Stanford University**, *Vice Provost for Undergraduate Education Small Grant*.
- 2019 **Stanford University**, *Boothe Prize Finalist*.
- 2019 **Georgia Institute of Technology**, *Gold Scholarship*.  
given to the top 2% of students

2019 **Duke University, Merit Scholarship.**

2018 **National Merit Scholarship.**

## PAPERS, WORKSHOPS, PRE-PRINTS, & THESES

\* Indicates equal contribution.

### Peer-Reviewed Academic Publications

- CSCW 2026 **People Can Accurately Predict Behavior of Complex Algorithms That Are Available, Compact, and Aligned,**  
Lindsay Popowski, **Helena Vasconcelos**, Ignacio Fernandez, Chijioke Mgbahurike, Ralf Herbrich, Jeffrey Hancock, Michael S. Bernstein,  
*ACM Conference On Computer-Supported Cooperative Work And Social Computing.*
- TOCHI 2025 **Generation Probabilities Are Not Enough: Exploring the Effectiveness of Uncertainty Highlighting in AI-Powered Code Completions,**  
**Helena Vasconcelos**, Gagan Bansal\*, Adam Fourney\*, Vera Liao\*, Jennifer Wortman Vaughan\*,  
*ACM Transactions on Computer-Human Interaction (TOCHI).*
- UIST 2024 **Clarify: Improving Model Robustness With Natural Language Corrections,**  
Yoonho Lee, Michelle Lam, **Helena Vasconcelos**, Michael S. Bernstein, Chelsea Finn,  
*ACM Symposium on User Interface Software and Technology (UIST).*
- CSCW 2023 **Explanations Can Reduce Overreliance on AI Systems During Decision-Making,**  
**Helena Vasconcelos**, Matthew Jörke, Madeleine Grunde-McLaughlin, Tobias Gerstenberg, Michael S. Bernstein, Ranjay Krishna,  
*ACM SIGCHI Conference on Computer-Supported Cooperative Work & Social Computing (CSCW)*  
*Best Paper Honorable Mention.*

### Workshops Organized

- ICML 2023 **Workshop on Artificial Intelligence and Human-Computer Interaction,**  
Yang Li, Ranjay Krishna, **Helena Vasconcelos**, Bryan Wang, Forrest Huang.

### Submissions, Workshop Papers, and Pre-Prints

- In Submission **CritiqueRefine: Iterative Feedback from Simulated Viewers Improves AI Image Generation,**  
Jaewon Choi, **Helena Vasconcelos**, Hyun Lee, Carolyn Zou, Tak Yeon Lee, Michael S. Bernstein.
- COLM 2025 **Rethinking (Human) Preference Evaluation of LLM Rationales,**  
Workshop Ziang Li, Manasi Ganti, Zixian Ma, **Helena Vasconcelos**, Qijia He, Ranjay Krishna.  
Workshop on Application of LLM Explainability to Reasoning and Planning at COLM Conference on Language Modeling (COLM)  
*Best Paper Honorable Mention*
- CHI 2024 **Validation Without Ground Truth? Methods for Trust in Generative Simulations,**  
Workshop **Helena Vasconcelos\***, Carolyn Zou\*, Lindsay Popowski, Tobias Gerstenberg, Ranjay Krishna, Michael.  
Workshop on Trust in Human-AI Workflows at ACM Conference on Human Factors in Computing Systems (CHI)  
*Selected Talk*

### Theses

- 2025 **Understanding and Acting on Algorithmic Recommendations,**  
Readers: Michael Bernstein and Tobias Gerstenberg,  
*Firestone Award.*

## TEACHING

### Teaching Assistant

2024 **CS222: AI Agents and Simulations**, *Stanford University*.

## ACADEMIC SERVICE

### Undergraduate Mentorship

\* Indicates mentees who coauthored publications

2025- **Julia Poulson**, *Undergrad at Harvard University*.

2023-2024 **Ignacio Fernandez\***, *Undergrad at Stanford University*, with Lindsay Popowski.

2023 **Chijioke Chinaza Mgbahurike\***, *Undergrad at Stanford University*, with Lindsay Popowski.

### Peer-Reviewing

2024- **ACM CHI**, *Reviewer*.

2024 **ACM CSCW**, *Reviewer*.

2024 **Workshop on Trust in Human-AI Teams at ACM CHI**, *Program Committee*.

2024 **Workshop on Human-Centered Explainable AI at ACM CHI**, *Program Committee*.

### Community Activities

2025- **Situated Systems Working Group**.

2025- **Harvard Insight and Interaction Lab**, *Math Club*.

2025- **Harvard Human-Computer Interaction**, *Book Club, Run Club, Reading Group*.

2024- **MIT Visualization Group**, *Book Club, Run Club, Reading Group*.

2020-2025 **Stanford Human-Computer Interaction Group**, *Book Club, Social Media, and Social Organizer*.

## EXTRACURRICULAR

### Theater

2025 **Executive Producer, Vocal Director, and Cast Member**, *Legally Blonde*, Stanford, CA.

2024 **Executive Producer**, *Gaieties 2024: "Camp Stanford"*, Stanford, CA.

2024-2025 **Executive Producer**, *Ram's Head Theatrical Society*, Stanford, CA.

2023 **Producer, Writer, and Lyricist**, *Gaieties 2023: "The Adventures of Fresh-Man and Super-Senior"*, Stanford, CA.

### Equestrian

2019-2025 **Stanford Equestrian Team & Alumni Team**, *Competitor & Team Member*, Stanford, CA.

2012- **Competitive Equestrian**.

1.40 meter show jumping; named international champion at competitions; worked with Olympians and Olympic Judges Luiz Felipe de Azevedo, Jim Wofford, George Morris, Gary Rockwell, Ivan Camargo, and Ilan Bluman; trained at the U.S. Olympic Center

### Misc. Community & Leadership

2023-2025 **Hammar skjöld International House Co-Operative**, Stanford, CA.

2022-2023 **Outdoor Center Pre-Orientation, Year-round, and Foundations of Outdoor Education**, *Trip Leader & Teaching Assistant*, Stanford, CA.