

Research Interests

social computing, human-computer interaction, social media design,
algorithmic folk theories, online communities.

Education

- 2021-present **Stanford University**, *Ph.D. in Computer Science*, Palo Alto, CA.
GPA 4.00 Human-Computer Interaction Group
◦ Advised by Professor Michael Bernstein
- 2017–2021 **Harvey Mudd College**, *B.Sc. in Computer Science and Mathematics*, Claremont, CA.
GPA 3.99 ◦ Graduated with High Distinction
◦ Departmental Honors in Computer Science; Humanities, Social Sciences, and Arts
◦ Clinic (team capstone) award for “Generating Explanations for Random Forest Decisions”

Awards & Honors

- 2024 **Google Research**, *Google PhD Fellowship in Human-Computer Interaction*.
One of seven fellows selected (worldwide) in 2024 within HCI graduate scholars.
- 2024 **ACM CSCW**, *Best Paper Honorable Mention Award*.
Commit: Online Groups with Participation Commitments
- 2024 **Stanford University**, *Stanford Interdisciplinary Graduate Fellowship*.
One of 35 awardees of a competitive university fellowship for PhD students in interdisciplinary research.
- 2023 **ACM CSCW**, *Best Paper Award*.
Cura: Curation at Social Media Scale
- 2022-2024 **Stanford University**, *CS Student Service Award*.
- 2022 **Stanford University**, *EDGE Doctoral Fellowship*.
- 2021 **Computing Research Association**, *Outstanding Undergraduate Research Award*.
One of four awardees nation-wide
- 2021 **ACM CHI**, *Best Paper Honorable Mention award*.
Screen2Vec: Semantic Embedding of GUI Screens and GUI Components
- 2021 **Harvey Mudd College**, *Class of '94 Award*.
One of three awardees in the department recognized for excellence in research and academics
- 2021 **Harvey Mudd College**, *Clinic Team Award*.
Three Clinic teams recognized for excellent final reports and client deliverables

Publications

The titles of papers currently under review are edited to maintain authors' anonymity.

- CHI 2026 (under submission) **On Guiding User Expression of Preferences for Social Media Feeds**,
CHI Conference on Human Factors in Computing Systems.
- CSCW 2026 (under submission) **On User Understanding of Mental Models of Social Media Algorithms**,
ACM Conference On Computer-Supported Cooperative Work And Social Computing.
- CSCW 2026 (under submission) **On A Design Pattern to Facilitate Collective or Coordinated Action**,
ACM Conference On Computer-Supported Cooperative Work And Social Computing.

- CSCW 2025 **Burst: Collaborative Curation in Connected Social Media Communities**, Yutong Zhang, Taeuk Kang, Sydney Yeh, Anavi Baddepudi, **Lindsay Popowski**, Tiziano Piccardi, Michael S. Bernstein,
ACM Conference On Computer-Supported Cooperative Work And Social Computing.
- CSCW 2024 **Commit: Online Groups with Participation Commitments**, **Lindsay Popowski**, Yutong Zhang, and Michael S. Bernstein,
ACM Conference On Computer-Supported Cooperative Work And Social Computing
Best Paper Honorable Mention Award (awarded to top 4%).
- CSCW 2023 **Cura: Curation at Social Media Scale**, Wanrong He, Mitchell L. Gordon, **Lindsay Popowski**, and Michael S. Bernstein,
ACM Conference On Computer-Supported Cooperative Work And Social Computing
Best Paper Award (awarded to top 1%).
- UIST 2022 **Social Simulacra: Creating Populated Prototypes for Social Computing Systems**, Joon Sung Park, **Lindsay Popowski**, Carrie J. Cai, Meredith Ringel Morris, Percy Liang, and Michael S. Bernstein,
ACM Symposium on User Interface Software and Technology.
- CHI 2021 **Screen2Vec: Semantic Embedding of GUI Screens and GUI Components**, Toby Jia-Jun Li*, **Lindsay Popowski***, Tom M. Mitchell, and Brad A. Myers,
CHI Conference on Human Factors in Computing Systems
Best Paper Honorable Mention award (awarded to top 5%).
- SIGCSE 2021 **A Biology-based CS1: Results and Reflections, Ten Years In**, Zachary Dodds, Malia Morgan, **Lindsay Popowski**, Henry Coxe, Caroline Coxe, Kewei Zhou, Eliot Bush, and Ran Libeskind-Hadas,
ACM Technical Symposium on Computer Science Education.
- AIJ 289 (2020) **Quantifying controllability in temporal networks with uncertainty**, Shyan Akmal, Savana Ammons, Hemeng Li, Michael Gao, **Lindsay Popowski**, and James C. Boerkoel Jr,
Journal of Artificial Intelligence.
- AAAI 2020 **Dynamic control of probabilistic simple temporal networks**, Michael Gao*, **Lindsay Popowski***, and Jim Boerkoel,
AAAI Conference on Artificial Intelligence.

Workshops

- CSCW 2025 **Design for Hope: Cultivating Deliberate Hope in the Face of Complex Societal Challenges**, JaeWon Kim, Jiaying Liu, **Lindsay Popowski**, Cassidy Pyle, Ahmer Arif, Gillian R. Hayes, Alexis Hiniker, Wendy Ju, Florian Mueller, Hua Shen, Sowmya Somanath, Casey Fiesler, Yasmine Kotturi.
- CSCW 2024 **Envisioning new futures of positive social technology: Beyond paradigms of fixing, protecting, and preventing**, JaeWon Kim, **Lindsay Popowski**, Anna Fang, Cassidy Pyle, Guo Freeman, Ryan M. Kelly, Angela Y. Lee, Fannie Liu, Angela D. R. Smith, Alexandra To, Amy X. Zhang.

Mentorship

* Indicates mentees who coauthored publications.

Yutong Zhang* (MSc), Fall 2023-present.

Xiyuan Wu*, Summer 2025-present.

Charlotte Zhu*, Summer 2025.

Ignacio Fernandez*, Summer 2023-Spring 2024.

Sydney Yeh*, **Anavi Baddepudi***, Fall 2023-present.

Taeuk Kang*, Summer 2023-present.

Carmel Limcaoco, Emma Wang, Estella Zhou, Star Doby, Brian Park, Fall 2023.

Chijioke Chinaza Mgbahurike*, Summer-Fall 2023.

Tianqi Li, Summer 2023.

Wanrong He*, Summer-Fall 2022.

Pauline Arnoud, Kris Jeong, Nicole Garcia, Summer 2022-Spring 2023.

Service

2024 **Stanford CS PhD Admissions.**

2023, 2024 **EDGE Mentor.**

2021, 2023 **Stanford CS PhD Student-Applicant Support Program (SASP) Reviewer.**

2023 **STEM Fellows Mentor.**

2022-2025 **Stanford CS PhD Admit Weekend Co-chair.**

2022-2023 **Stanford CS PhD Breadth Requirement Committee.**

Reviewing

2023-2025 **ACM CSCW.**

2025 **ACM CSCW.**

2022 **ICA.**

2022 **Social Media + Society.**