

SIJIA XIAO

Postdoctoral Researcher
Human-Computer Interaction Institute
Carnegie Mellon University

xiaosijia@cmu.edu
<https://applexiao.com>

ACADEMIC APPOINTMENT

Sep 2024 **Postdoctoral Researcher**
Carnegie Mellon University, Human-Computer Interaction Institute
Advisor: Motahhare Eslami

EDUCATION

Aug 2024 **Ph.D. in Information Science**
University of California, Berkeley
Dissertation: Empowering online harm survivors to addressing harm with a restorative justice approach
Committee: Niloufar Salehi, Coye Cheshire, Morgan Ames, Amy Bruckman

July 2019 **M.S. in Human-Computer Interaction**
Georgia Institute of Technology

July 2017 **B.A. in Computer Science**
Peking University

PUBLICATIONS

- 2023** **Xiao, Sijia**, Shagun Jhaver, and Niloufar Salehi. "Addressing Interpersonal Harm in Online Gaming Communities: The Opportunities and Challenges for a Restorative Justice Approach." ACM Transactions on Computer-Human Interaction (2023). [\[paper\]](#)
- Xiao, Sijia**, Haodi Zou, Jingshu Rui, Coye Cheshire, Niloufar Salehi. "SnuggleSense: Empowering Online Harm Survivors Through a Structured Sensemaking Process." In Submission to CSCW 2024 conference.
- 2022** **Xiao, Sijia**, Coye Cheshire, and Niloufar Salehi. "Sensemaking, Support, Safety, Retribution, Transformation: A Restorative Justice Approach to Understanding Adolescents' Needs for Addressing Online Harm." In Proceedings of the 2022 CHI Conference on Human Factors in Computing Systems, pp. 1-15. 2022. [\[paper\]](#) [\[presentation video\]](#)
- 2021** **Xiao, Sijia**, Coye Cheshire, and Amy Bruckman. "Sensemaking and the Chemtrail Conspiracy on the Internet: Insights from Believers and Ex-believers." Proceedings of the ACM on Human-Computer Interaction 5, no. CSCW2 (2021): 1-28. [\[paper\]](#) [\[presentation video\]](#) [\[BBC News\]](#) [\[12News\]](#)[\[CNN\]](#)
- 2020** **Xiao, Sijia**, Danaë Metaxa, Joon Sung Park, Karrie Karahalios, and Niloufar Salehi. "Random, Messy, Funny, Raw: Finstas as Intimate Reconfigurations of Social Media." In Proceedings of the 2020 CHI conference on human factors in computing systems, pp. 1-13. 2020.
Best Paper Honorable Mention (5%) [\[paper\]](#) [\[presentation video\]](#)
- 2018** Liu, Weichen, **Sijia Xiao**, Jacob T. Browne, Ming Yang, and Steven P. Dow. "ConsensUs: Supporting Multi-Criteria Group Decisions by Visualizing Points of Disagreement." ACM Transactions on Social Computing 1, no. 1 (2018): 1-26. [\[paper\]](#)

- 2017** Mahyar, Narges, Weichen Liu, **Sijia Xiao**, Jacob Browne, Ming Yang, and Steven P. Dow. " ConsensUs: Visualizing Points of Disagreement for Multi-Criteria Collaborative Decision Making." In Companion of the 2017 ACM Conference on Computer Supported Cooperative Work and Social Computing, pp. 17-20. 2017. [\[paper\]](#)

RESEARCH EXPERIENCE

- 2024 Carnegie Mellon University, Pittsburgh, PA
With Professor Motahhare Eslami, Human-Computer Interaction Institute
- 2019 - 2024 University of California, Berkeley, Berkeley, CA
With Professor Niloufar Salehi and Coye Cheshire, School of Information
Empowering online harm survivors to addressing harm with a restorative justice approach
- 2018 - 2019 Georgia Institute of Technology, Atlanta, GA
With Professor Amy Bruckman, School of Interactive Computing.
How the Internet influences people's belief in conspiracy theories
- 2016 University of California, San Diego, San Diego, CA
With Professor Steven Dow, Design Lab.
Consensus - a visualization system to help people reach consensus in group discussions
- 2015 - 2017 Tsinghua University, Beijing, China
With Professor Chun Yu and Yuanchun Shi, Department of Computer Science and Technology
Collaborative editing and polishing system for sharing language knowledge

INDUSTRY EXPERIENCE

- Jun 2018 - Aug 2018 User Experience Design Intern
MailChimp, Atlanta, GA
- Oct 2016 - Feb 2017 User Experience Design Intern
Amazon, Beijing, China

PUBLIC AND INVITED TALKS, PANELS, AND PRESENTATIONS

Invited Talk: Empowering online harm survivors with a sensemaking process

- May 2023 IEEE Workshop on Security for Harassment Online, Protections, and Empowerment
San Francisco, CA
- March 2023 PhD Reception, School of Information, UC Berkeley
Berkeley, CA

Panelist: Series on Justice and Content Governance: Restorative Justice Workshop

- Oct 2022 Algorithmic Fairness and Opacity Group, UC Berkeley.
Berkeley, CA

Invited Talk: Understanding Adolescents' Needs for Addressing Online Harm

- Nov 2021 Yale SMGI Community Driven Governance Workshop (remote)

Panelist: Restorative Justice Approaches to Addressing Online Harm

- Oct 2021 Othering & Belonging Conference, UC Berkeley (remote)

Moderator: Gaming & Media panel

- Oct 2021 InfoCamp2021, School of Information, UC Berkeley (remote)

Invited Talk: Sensemaking and the Chemtrail Conspiracy on the Internet

Sep 2021 Lausanne Alignment Club, EPFL (remote)

Invited Talk: Finstas as Intimate Reconfigurations of Social Media

May 2020 Fempower.tech (remote)

Apr 2020 GroupLens, University of Minnesota

Mar 2020 PhD Reception, School of Information, UC Berkeley.

TEACHING AND MENTORSHIP

TEACHING ASSISTANT

Fall 2021 **Info 217A: Human-Computer Interaction (HCI) Research**
School of Information, UC Berkeley

MENTORSHIP

Haodi Zou, Undergraduate Student, UC Berkeley EECS
Current: PhD Student, UCSD CSE

Amy Matthews, Undergraduate Student, UC Berkeley EECS
Current: Product Manager, Matic

Jingshu Rui, Master of Information Management, UC Berkeley I School. Date of graduation: 2023.
Current: Software Engineer, BloomBerg

Darya Kaviani, Undergraduate Student, UC Berkeley EECS. Date of graduation: 2021.
Current: PhD Student, UC Berkeley EECS

Delanie Milsten, Bishop O'Dowd High School Oakland

GUEST LECTURES

Oct 2022 **Content Moderation and Labor in Information Systems**
INFO 101: Introduction to Information Studies
University of California, Berkeley

Nov 2020 **Finsta: Online Self-Presentation and Feminist Reconfigurations**
INFO 402: Gender, Race, And Information Technology
University of Washington

Sep 2020 **Conspiracy Theories and the Internet**
COM 367: Multimedia Production and Culture
North Carolina State University

PROFESSIONAL ACTIVITIES AND SERVICE TO THE COMMUNITY

ORGANIZER AND PROGRAM COMMITTEE OF WORKSHOPS

Series on Justice and Content Governance: Restorative Justice Workshop, workshop organizer

Oct 2022 Algorithmic Fairness and Opacity Group, UC Berkeley.
Berkeley, CA

IEEE Workshop on Security for Harassment Online, Protections, and Empowerment, program committee

May 2023 44th IEEE Symposium on Security and Privacy
San Francisco, CA

CONFERENCE REVIEWER

2020 & 2022 ACM DIS Conference
2021 - 2024 ACM CHI Conference (Papers; Late-Breaking Work)
2021 - 2024 ACM CSCW Conference (Papers)
2021 ACM FAccT Conference (Papers)
2021 ACII (Papers)
2021 - 2024 NeurIPs (Ethics Review)

JOURNAL REVIEWER

2021 New Media & Society
2021 Journal of Online Trust and Safety
2023 Big Data & Society
2023 ACM Transactions on Computer-Human Interaction

INSTITUTIONAL SERVICE

2021-2022 PhD Representative to the Faculty, School of Information, UC Berkeley

PRESS COVERAGE

Sep 2024 New York Times
"Conspiracy Theorists and Vaccine Skeptics Have a New Target: Geoengineering." [\[Link\]](#)

UC Berkeley News
"How UC Berkeley researchers are making online spaces safer for all." [\[Link\]](#)

Mar 2024 CNN
"The truth behind those white streaks trailing behind jets in the sky." [\[Link\]](#)

Nov 2022 12News
"Water conspiracy theories are coming to Arizona. Here's why experts say they will flood the state with lies." [\[Link\]](#)

Aug 2022 BBC News
"Why do aircraft leave contrails in the sky?." [\[Link\]](#)