

JIAWEI ZHOU

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🌐 <http://jiaweizhou.me/>

I study how AI is reshaping health information and care, from patient-facing tools to clinical workflows. Taking a human-centered approach, I assess what AI systems produce in health settings, how public perception shapes trust, and where everyday data reveals health needs that formal systems overlook.

AREAS: Human-Computer Interaction (HCI); Human-Centered AI; Computer-Supported Cooperative Work; Clinical Decision Support; Health Informatics

EMPLOYMENT

Aug 2026 - **Assistant Professor**

The University of Texas at Austin, Dell Medical School, Department of Quantitative and Systems Health Sciences

May - Aug 2021 **Research Intern**

Mayo Clinic, Department of AI and Informatics

EDUCATION

2026 **Ph.D. in Human-Centered Computing, Georgia Institute of Technology**

Dissertation: "Assessing and Communicating Risks of Generative AI in Public Health Information Ecosystems"

Committee: Dr. Munmun De Choudhury (advisor), Dr. Andrea G. Parker, Dr. Srijan Kumar, Dr. Q. Vera Liao, Dr. Nicholas Diakopoulos

2020 **BS** (Summa Cum Laude), **Winona State University**

2017 **MS** (Distinction), **University of Michigan**

2016 **BBA** (Cum Laude), **East China Normal University & Colorado State University**

AWARDS & HONORS

2025 Best Paper at CSCW 2025 [Top 1%] ★

2025 DEI Recognition at CSCW 2025 ★

2024 Georgia Tech Foley Scholar Award Winner, James D. Foley Endowment ★

(Georgia Tech's highest award for significant research contributions to computing)

2024-2025 Special Recognition for Outstanding Review x6 (CHI'24, CHI'25, CSCW'24, CSCW'25, CHI'26)

2023 Best Paper Honorable Mention at CHI 2023 [Top 4%] ★

2023 Georgia Tech GUV Travel Grant

2020 Outstanding Graduate (Top 2), Winona State University

2018-2020 WSU Cross-Cultural Scholarship

2016-2017 William J. and Donna W. Adams Scholarship

- 2014-2016 CSU Outstanding Student Scholarship
- 2014-2016 Dean's List x4
- 2014 Second Prize, ECNU Undergraduate Student Academic Research Contest
- 2013-2014 ECNU Scholarship for Academic Excellence

PUBLICATIONS

Refereed Conference Proceedings¹

- ICWSM 2027 **Follow the Rules (or Not): Community Norms and AI-Generated Support in Online Health Communities**
 [P8] Shravika Mittal, Erin Kasson, Layna Paraboschi, Eleanor Laufenberg, Jiawei Zhou, Patricia A. Cavazos-Rehg, Tanushree Mitra, Munmun De Choudhury. *Proceedings of the International AAAI Conference on Web and Social Media (ICWSM'27)*.
- CHI 2026 **AI as We Describe It: How Large Language Models and Their Applications in Health are Represented Across Channels of Public Discourse.**
 [P7] Jiawei Zhou, Lei Zhang, Mei Li, Benjamin D. Horne, and Munmun De Choudhury. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI '25)*. (Acceptance rate: 1703/6730 $\approx$ 25.3%)
- AIES 2025 **A Framework for Situating Innovations, Opportunities, and Challenges in Advancing Vertical Systems With Large Artificial Intelligence Models.**
 [P6] Gaurav Verma, Jiawei Zhou, Mohit Chandra, Srijan Kumar, and Munmun De Choudhury. *Proceedings of the 8th AAAI/ACM Conference on AI, Ethics, and Society (AIES'25)*. (Acceptance rate: 32%)
- ACL 2024 **A Community-Centric Perspective for Characterizing and Detecting Anti-Asian Violence-Provoking Speech.**
 [P5] Gaurav Verma, Rynaa Grover, Jiawei Zhou, Binny Mathew, Jordan Kraemer, Munmun De Choudhury, Srijan Kumar. *Proceedings of the 62nd Annual Meeting of the Association for Computational Linguistics (ACL'24)*. (Acceptance rate: 23%)
- CHI 2023 **Synthetic Lies: Understanding AI-Generated Misinformation and Evaluating Algorithmic and Human Solutions.** 🌟 **Best Paper Honorable Mention Award**
 [P4] Jiawei Zhou, Yixuan Zhang, Qianni Luo, Andrea G Parker, and Munmun De Choudhury. *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI '23)*. **[Top 4%]** (Acceptance rate: 880/3182 $\approx$ 27.7%)
 [Cited as evidence in UK government's AI Foundation Models Initial Review] Top 3 all-time download in CHI digital library]
- IEEE ICHI 2023 **Characterizing the Users of Patient Portal Messaging: A Single Institutional Cohort Study.**
 [P3] Ming Huang*, Aditya Khurana*, George Mastorakos*, Jiawei Zhou, Nansu Zong, Yue Yu, Julie E. Prigge, Christi A. Patten, Hongfang Liu, and Brian A. Costello. *Proceedings of IEEE International Conference on Healthcare Informatics (ICHI'23)*.
- IEEE ICHI 2022 **A Tale of Two Perspectives: Harvesting System Views and User Views to Understand Patient Technology Engagement.**
 [P2] Jiawei Zhou, Rosa I. Arriaga, Hongfang Liu, and Ming Huang. *Proceedings of IEEE International Conference on Healthcare Informatics (ICHI'22)*. **[Top 2%]** (Acceptance rate: 30%)

¹Top computer science conferences are highly selective, rigorously peer-reviewed by 3–4 experts, and publish only archival papers. They often surpass journals in selectivity, visibility, and impact. Please see [this link](#) for details.

- CHI 2022 Perspectives on Integrating Trusted Other Feedback in Therapy for Veterans with PTSD.
Hayley I. Evans, Catherine R. Deeter, [Jiawei Zhou](#), Kimberly Do, Andrew M. Sherrill, and Rosa I. Arriaga.
[P1] *Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI '22)*, 1–16. (Acceptance rate: 638/2597 ≈ 24.6%)

Refereed Journal Articles

- BMC AI [J6] Communication Styles and Reader Preferences of LLM- and Human-authored COVID-19 Information Explanations: A Case Study.
[Jiawei Zhou](#)[†], Kritika Venkatachalam[†], Minje Choi, Koustuv Saha, and Munmun De Choudhury. *BMC Artificial Intelligence* 2.1 (2026): 10.
- CSCW 2025 Harm in Layers: Compositions of Misinformative Hate in Anti-Asian Speech and Their Impacts on Perceived Harmfulness. ★ **Best Paper Award** ★ **DEI Recognition**
[J5] [Jiawei Zhou](#), Gaurav Verma, Lei Zhang, Nicholas Chang, and Munmun De Choudhury. *Proc. ACM Hum.-Comput. Interact.* 9, 2, Article CSCW092 (April 2025), 22 pages. **[Top 1%]**
- CSCW 2025 A Risk Taxonomy and Reflection Tool for Large Language Model Adoption in Public Health.
[J4] [Jiawei Zhou](#), Amy Z. Chen, Darshi Shah, Laura Schwab Reese, and Munmun De Choudhury. *Proc. ACM Hum.-Comput. Interact.* 9, 7, Article CSCW363 (Nov 2025), 32 pages.
- CSCW 2024 Using Sensor-Captured Patient-Generated Data to Support Clinical Decision-making in PTSD Therapy.
[J3] Hayley I. Evans, Myeonghan Ryu, Theresa Hsieh, [Jiawei Zhou](#), Kefan Xu, Kenneth W Akers, Andrew M. Sherrill, and Rosa I. Arriaga. *Proc. ACM Hum.-Comput. Interact.* 6, CSCW1, Article 149 (April 2024), 28 pages.
- IMWUT 2023 Exergy: A Toolkit to Simplify Creative Applications of Wind Energy Harvesting.
[J2] Jung Wook Park, Sienna Xin Sun, Tingyu Cheng, Dong Whi Yoo, [Jiawei Zhou](#), Youngwook Do, Gregory D. Abowd, and Rosa I. Arriaga. *Proc. ACM Interact. Mob. Wearable Ubiquitous Technol.* 7, 1, Article 25 (March 2023), 28 pages.
- CSCW 2022 Veteran Critical Theory as a Lens to Understand Veterans' Needs and Support on Social Media.
[J1] [Jiawei Zhou](#), Koustuv Saha, Irene Michelle Lopez Carron, Dong Whi Yoo, Catherine R. Deeter, Munmun De Choudhury, and Rosa I. Arriaga. *Proc. ACM Hum.-Comput. Interact.* 6, CSCW1, Article 133 (April 2022), 28 pages.

Lightly Peer-Reviewed Papers

- AMIA 2025 Beyond Hallucinations: Risks of LLMs in Ecosystems of Health and Information.
[W2] [Jiawei Zhou](#). *Workgroup on Interactive Systems in Healthcare (WISH) @ American Medical Informatics Association (AMIA) 2025*.
- CSCW 2025 Low-Quality Information from Large Language Models as an Emerging Threat in Information Disorder.
[W1] [Jiawei Zhou](#), Amy Z. Chen, Darshi Shah, Laura Schwab Reese, and Munmun De Choudhury. *Beyond Information Workshop @ Computer-Supported Cooperative Work and Social Computing (CSCW) 2025*.

Under-Review Submission

- Taxonomy of Problematic Data-driven Storytelling and Communication.
Yu Fu, [Jiawei Zhou](#), Sichen Jin, Munmun De Choudhury, and John Stasko.

TALKS & PANELS

- 2026 *Hidden Costs of Generative AI: Risks of Low-Quality Content and Public Health Adoption*
Invited Speaker @ The University of North Carolina at Chapel Hill, School of Nursing, T32 Seminar Series
- LLM Information Quality Issue and the Sociotechnical Challenges*
Guest Lecture @ CS 498 Computational Social Science, University of Illinois at Urbana-Champaign
Guest Lecture @ INST 639T: Social and Psychological Impacts of AI, University of Maryland
Guest Lecture @ COMP 484/584 Natural Language Processing, Rice University
- Problems of Social Computing Systems: Information Quality and Bias*
Guest Lecture @ CS 6474/CS 4803 Social Computing, Georgia Institute of Technology
- 2025 *Framing the Landscape for Generative AI in Public Health* [\[Link\]](#)
Invited Panelist @ The American Public Health Association (APHA) Annual Meeting 2025, American Journal of Public Health Session
- A Risk Taxonomy and Reflection Tool for Large Language Model Adoption in Public Health*
Presenter @ CSCW'25 Southeast Meet-up
- Hidden Costs of Generative AI: Risks of Low-Quality Content and Public Health Adoption* [\[Link\]](#)
Invited Speaker @ International Conference on AI in Medicine (AIME) 2025, AI-PHSS Workshop
- Generative AI in Our Information Ecosystems: Assessing and Communicating the Risks* [\[Link\]](#)
Invited Speaker @ IPaT: GVU Lunch Lecture Series, Georgia Institute of Technology
- Problems of Social Computing Systems: Information Quality and Bias*
Guest Lecture @ CS 6474/CS 4803 Social Computing, Georgia Institute of Technology
- 2024 *Misinformation in the Age of Generative AI and Impacts on Health Ecosystems*
Invited Speaker @ UT Southwestern Medical Center, UT System AI Symposium in Health Care
- 2023 *Synthetic Lies: Misinformation in the Age of Large Language Models*
Invited Speaker @ Australian National Science Agency CSIRO, Human and AI Seminar [\[Link\]](#)
- Synthetic Lies: Misinformation in the Age of Large Language Models*
Invited Speaker @ Amazon, AWS Responsible AI Science Meeting
- 2022 *Characteristics of AI-Generated Misinformation and Applicability of Algorithmic and Human Solutions*
Georgia Institute of Technology, GVU Fall Research Showcase
- 2021 *Patient Portal Usage and Technology Engagement*
Mayo Clinic, Research Panel in Quantitative Health Sciences

PRESS COVERAGE

- 2025 "AI-Polluted Industry Chain: 'Content Farms' Mass-Produce Information Garbage and Large Model Recommendations Are for Sale" [\[Link\]](#)
National Business Daily (July 4, 2025)
- 2024 "Foley Scholars 2024 Winners and Finalists" [\[Link\]](#)
Georgia Institute of Technology (November 14, 2024)

"Study Highlights Challenges in Detecting Violent Speech Aimed at Asian Communities" [\[Link\]](#)
College of Computing Press, Georgia Institute of Technology (August 7, 2024)

2023 *"Misinformation Detection Models are Vulnerable to ChatGPT and Other LLMs"* [\[Link\]](#)
College of Computing Press, Georgia Institute of Technology (April 11, 2023)

"AI Misinformation: How It Works and Ways to Spot It" [\[Link\]](#)
Oscar Gonzalez, CNET (November 8, 2023)

TEACHING

2025 *Graduate Teaching Assistant, Georgia Institute of Technology*
CS 6474/CS 4803 Social Computing (Dr. Munmun De Choudhury)
Teaching Effectiveness: 5.0/5.0

2022 *Graduate Teaching Assistant, Georgia Institute of Technology*
CS 3001 Computing & Society (Dr. Rebecca "Beki" Grinter)
Teaching Effectiveness: 4.84/5.0

SERVICES

Reviewing **Conferences**
ACM CHI (2023, 2024*, 2025*, 2026**)
ACM CSCW (2021, 2023, 2024*, 2025*, 2026)
AAAI ICWSM (2024)
IEEE VIS (2022)
ACM WebSci (2021)
*** Special Recognitions for Outstanding Reviews**

Journals
Nature Communication
ACM Transactions on Computing for Healthcare
Media and Communication
PLOS ONE
Frontiers in Big Data
Humanities and Social Sciences Communications
International Journal of Human-Computer Studies

Policy Invited Contributor, UK Government Department for Science, Innovation and Technology (DSIT), Study on Digital Trust, 2025
Invited Contributor, UK Government Metascience Unit, Study on Novelty Indicators, 2026

Organizing Program Committee, EMNLP HCI & NLP Workshop, 2025
PhD Student Host, Georgia Tech Faculty Candidate Recruitment, 2023, 2025
Program Committee, AAAI ICWSM CySoc Workshop, 2024
Student Volunteer, Georgia Tech Prospective PhD Student Visit Day, 2022
Student Volunteer, CSCW 2022
Student Volunteer, Georgia Tech Prospective Ph.D. Student Visit, 2021

Mentorship **Students**

Mengting Tu, MS student at Georgia Tech
Sowmya Krishna, Undergrade student at Georgia Tech
Ethan Zhang, Undergrade student at Northwestern University
Mei Li, Undergrade student at Georgia Tech → MS student, coauthor in [P17]
Darshi Shah, MS student at Georgia Tech, coauthor in [J4, W1]
Nicholas Chang, Undergrade student at Georgia Tech, coauthor in [J5]
Kritika Venkatachalam, MS student at Georgia Tech → Google, co-first-author in [J6]
Lei (Radium) Zhang, MS student at Georgia Tech → Meta, coauthor in [P7, J5]
Catherine R. Deeter, MS student at Georgia Tech → US Airlift Officer, coauthor in [P1]
Yuhua (Jennifer) Zhang, MS student at Georgia Tech → Vanderbilt Institute for Clinical and Translational Research

Technovation Girls Challenge Mentor

Mentored high-school female students to design and develop Android app for youth mental health that won semifinal for the Global Girls Challenge

University Mentorship Program: Vice Chair, ECNU, 2012-2013

SKILLS

Programming	Python, R, Java, Swift, HTML, CSS, JavaScript, MySQL, MongoDB
Research	Natural language processing, Statistical analysis, Machine learning, Hypothesis testing, Interview, Qualitative coding, Contextual inquiry, Focus group, Think aloud, Affinity diagram
Design	Wireframing/Prototyping, Sketching, Storyboarding, Participatory design