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AMY X. ZHANG

APPOINTMENTS

- 2020– **University of Washington**, Seattle, WA
Assistant Professor, Paul G. Allen School of Computer Science & Engineering
Adjunct Assistant Professor, UW Human-Centered Design & Engineering
Faculty Member, UW Center for an Informed Public
- 2019–2020 **Stanford University**, Palo Alto, CA
Postdoctoral Researcher, Stanford Computer Science Department
- 2018–2019 **Harvard University**, Cambridge, MA
Fellow, Berkman Klein Center for Internet and Society

EDUCATION

- 2014–2019 **Massachusetts Institute of Technology**, Cambridge, MA
Ph.D. Electrical Engineering and Computer Science
Thesis: *Systems for Collective Human Curation of Online Discussion*
Committee: David Karger (advisor), Arvind Satyanarayan, Mark Ackerman, Ethan Zuckerman
- 2011–2012 **University of Cambridge**, Cambridge, UK
M.Phil. Advanced Computer Science, Graduated with Distinction
Thesis: *Defining and Characterizing Urban Neighborhoods using Location-based Social Media*
Advisor: Cecilia Mascolo
- 2007–2011 **Rutgers University**, New Brunswick, NJ
B.S. Computer Science, Summa Cum Laude
Thesis: *Time Series Analysis of Twitter with Hadoop*
Advisor: Mor Naaman

AWARDS & HONORS

- 2024 Best Paper Award, ACM CHI
- 2023 NSF CAREER Award
Best Paper Honorable Mention Award, AAAI HCOMP
Best Paper Award, ACM CHI
- 2021 Google Research Scholar Award
ADL Belfer Fellow
- 2020 Best Paper Award, ACM CSCW
MIT George M. Sprows Award for Best Ph.D. Thesis in Computer Science
- 2019 Selected for ACM Future of Computing Academy
- 2018 Best Paper Award, ACM CSCW
Selected for Rising Stars in EECS Workshop
Heidelberg Laureate Forum Young Researcher
- 2016–2019 Google Research Ph.D. Fellowship

2015	Best Paper Honorable Mention Award, ACM CHI
2014–2017	National Science Foundation Graduate Research Fellowship
2011–2012	Gates Cambridge Fellowship
2011	Novelli Award (awarded to top senior undergraduate in CS by Rutgers CS Faculty)
2010	Madgison Award (awarded to top junior undergraduate in CS by Rutgers CS Faculty)
2007–2011	Rutgers University Presidential Scholarship (full academic scholarship)

PUBLICATIONS

**In the field of computer science, top-tier conferences, in addition to journals, are venues for publishing highly selective, double-blind, peer reviewed, archival publications. Supervised postdocs, PhD, Masters, and undergraduate students while faculty at UW are underlined.*

Refereed Conference and Journal Papers

— 2024 —

- [c.65] Raymond Fok, Joseph Chee Chang, Tal August, **Amy X. Zhang**, Dan Weld. Qlarify: Recursively Expandable Abstracts for Directed Information Retrieval over Scientific Papers. *ACM Symposium on User Interface Software and Technology (UIST '24)*. Pittsburgh, PA. Nov 2024.
- [c.64] Inyoung Cheong, King Xia, K. J. Kevin Feng, Quan Ze (Jim) Chen, **Amy X. Zhang**. (A)I Am Not a Lawyer, But...: Engaging Legal Experts towards Responsible LLM Policies for Legal Advice. *ACM Conference on Fairness, Accountability, and Transparency (FAccT '24)*. Rio de Janeiro, Brazil. June 2024.
- [c.63] Kyle Lo, Joseph Chee Chang, Andrew Head, Jonathan Bragg, **Amy X. Zhang**, Cassidy Trier, Chloe Anastasiades, Tal August, Russell Authur, Danielle Bragg, Erin Bransom, Isabel Cachola, Stefan Candra, Yoganand Chandrasekhar, Yen-Sung Chen, Evie Yu-Yen Cheng, Yvonne Chou, Doug Downey, Rob Evans, Raymond Fok, Fangzhou Hu, Regan Huff, Dongyeop Kang, Tae Soo Kim, Rodney Kinney, Aniket Kittur, Hyeonsu Kang, Egor Klevak, Bailey Kuehl, Michael Langan, Matt Latzke, Jaron Lochner, Kelsey MacMillan, Eric Marsh, Tyler Murray, Aakanksha Naik, Ngoc-Uyen Nguyen, Srishti Palani, Soya Park, Caroline Paulic, Napol Rachatasumrit, Smita Rao, Paul Sayre, Zejiang Shen, Pao Siangliulue, Luca Soldaini, Huy Tran, Madeleine van Zuylen, Lucy Lu Wang, Christopher Wilhelm, Caroline Wu, Jiangjiang Yang, Angele Zamarron, Marti A Hearst, Daniel S Weld. The Semantic Reader Project: Augmenting Scholarly Documents through AI-Powered Interactive Reading Interfaces. *Forthcoming in Communications of the ACM*.
- [c.62] Armin Namavari, Barry Wang, Sanketh Menda, Ben Nassi, Nirvan Tyagi, James Grimmelmann, **Amy X. Zhang**, Tom Ristenpart. Private Hierarchical Governance for Encrypted Messaging. *IEEE Symposium on Security and Privacy (S&P '24)*. San Francisco, CA. May 2024.
- [c.61] Emelia May Hughes, Renee Wang, Prerna Juneja, Tony Li, Tanushree Mitra, **Amy X. Zhang**. Viblio: Introducing Credibility Signals and Citations to Video-Sharing Platforms. *ACM Conference on Human Factors in Computing Systems (CHI '24)*. Honolulu, HI. May 2024. [26% Acceptance Rate]
- [c.60] K. J. Kevin Feng, Xander Koo, Lawrence Tan, Amy Bruckman, David McDonald, **Amy X. Zhang**. Mapping the Design Space of Teachable Social Media Feed Experiences. *ACM Conference on Human Factors in Computing Systems (CHI '24)*. Honolulu, HI. May 2024. [26% Acceptance Rate]
- [c.59] Nouran Soliman, Hyeonsu Kang, Matt Latzke, Jonathan Bragg, Joseph Chee Chang, **Amy X. Zhang**, David Karger. Mitigating Barriers to Public Social Interaction with Meronymous Com-

- munication. *ACM Conference on Human Factors in Computing Systems (CHI '24)*. Honolulu, HI. May 2024. [26% Acceptance Rate] **Best Paper Award**.
- [c.58] Leijie Wang, Nicholas Vincent, Julia Rukanskaitė, **Amy X. Zhang**. Pika: Empowering Non-Programmers to Author Executable Governance Policies in Online Communities. *ACM Conference on Human Factors in Computing Systems (CHI '24)*. Honolulu, HI. May 2024. [26% Acceptance Rate]
- [c.57] **Amy X. Zhang**, Michael Bernstein, David Karger, Mark Ackerman. Form-From: A Design Space of Social Media Systems. *Proceedings of the ACM on Human-Computer Interaction. (CSCW '24)*. San Jose, Costa Rica. Oct 2024.
- [c.56] Connie Moon Sehat, Ryan Li, Peipei Nie, Tarunima Prabhakar, **Amy X. Zhang**. Misinformation as a Harm: Structured Approaches for Fact-checking Prioritization. *Proceedings of the ACM on Human-Computer Interaction. (CSCW '24)*. San Jose, Costa Rica. Oct 2024.
- [c.55] Ruotong Wang, Lin Qiu, Justin Cranshaw, **Amy X. Zhang**. Meeting Bridges: Designing Information Artifacts that Bridge between Remote Meetings and Asynchronous Collaboration. *Proceedings of the ACM on Human-Computer Interaction. (CSCW '24)*. San Jose, Costa Rica. Oct 2024.
- [c.54] Kianna Bolante, Kevin Chen, Quan Ze (Jim) Chen, **Amy X. Zhang**. Bringing Social Computing to Secondary School Classrooms. *Technical Symposium on Computer Science Education (SIGCSE '24)*. Experience Reports and Tools (ERT) Paper Track. Portland, OR. Mar 2024.
- [c.53] Galen Weld, **Amy X. Zhang**, Tim Althoff. Making Online Communities 'Better': A Taxonomy of Community Values on Reddit. *International AAAI Conference on Weblogs and Social Media (ICWSM '24)*. Buffalo, NY. Jun 2024.
- [c.52] Shagun Jhaver, **Amy X. Zhang**. Do Users Want Platform Moderation or Individual Control? Examining the Role of Third-Person Effects and Free Speech Support in Shaping Moderation Preferences. *New Media + Society*. 2024.
- 2023 —
- [c.51] Jonathan Stray, Alon Halevy, Parisa Assar, Dylan Hadfield-Menell, Craig Boutilier, Amar Ashar, Chloe Bakalar, Lex Beattie, Michael Ekstrand, Claire Leibowicz, Connie Moon Sehat, Sara Johansen, Lianne Kerlin, David Vickrey, Spandana Singh, Sanne Vrijenhoek, **Amy X. Zhang**, Mckane Andrus, Natali Helberger, Polina Proutskova, Tanushree Mitra, Nina Vasan. Building Human Values into Recommender Systems: An Interdisciplinary Synthesis. *ACM Transactions on Recommender Systems*. Nov 2023.
- [c.50] Pranav Malhotra, Ruican Zhong, Victor Kuan, Gargi Panatula, Michelle Weng, Andrea Bras, Connie Moon Sehat, Franziska Roesner, **Amy X. Zhang**. User Experiences and Needs when Responding to Misinformation on Social Media. *Harvard Kennedy School Misinformation Review*. Nov 2023.
- [c.49] Shagun Jhaver, Seth Frey, **Amy X. Zhang**. Decentralizing Platform Power: A Design Space of Multi-Level Governance in Online Social Platforms. *Social Media + Society*, 9(4). Nov 2023.
- [c.48] Tae Soo Kim, Matt Latzke, Jonathan Bragg, **Amy X. Zhang**, Joseph Chee Chang. Papeos: Augmenting Research Papers with Talk Videos. *ACM Symposium on User Interface Software and Technology (UIST '23)*. San Francisco, CA. Nov 2023.
- [c.47] Andre Ye, Quan Ze (Jim) Chen, **Amy X. Zhang**. Confidence Contours: Uncertainty-Aware Annotation for Medical Semantic Segmentation. *AAAI Conference on Human Computation and Crowdsourcing (HCOMP '23)*. Delft, Netherlands. Nov 2023. **Best Paper Honorable Mention Award**.

- [c.46] Shagun Jhaver, Alice Zhang, Quan Ze (Jim) Chen, Nikhila Natarajan, Ruotong Wang, **Amy X. Zhang**. Personalizing Content Moderation on Social Media: User Perspectives on Moderation Choices, Interface Design, and Labor. *Proceedings of the ACM on Human-Computer Interaction*. (CSCW '23). Minneapolis, MN. Oct 2023.
- [c.45] K. J. Kevin Feng, Nick Ritchie, Pia Blumenthal, Andy Parsons, **Amy X. Zhang**. Examining the Impact of Provenance-Enabled Media on Trust and Accuracy Perceptions. *Proceedings of the ACM on Human-Computer Interaction*. (CSCW '23). Minneapolis, MN. Oct 2023.
- [c.44] Quan Ze (Jim) Chen, **Amy X. Zhang**. Judgment Sieve: Reducing Uncertainty in Group Judgments through Interventions Targeting Ambiguity versus Disagreement. *Proceedings of the ACM on Human-Computer Interaction*. (CSCW '23). Minneapolis, MN. Oct 2023.
- [c.43] Leijie Wang, Ruotong Wang, Sterling Williams-Ceci, Sanketh Menda, **Amy X. Zhang**. “Is Reporting Worth the Sacrifice of Revealing What I Have Sent?”: Privacy Considerations When Reporting on End-to-End Encrypted Platforms. *Symposium on Usable Privacy and Security (SOUPS '23)*. Anaheim, CA. Aug 2023.
- [c.42] Teanna Barrett, Quan Ze (Jim) Chen, **Amy X. Zhang**. Skin Deep: Investigating Subjectivity in Skin Tone Annotations for Computer Vision Benchmark Datasets. *ACM Conference on Fairness, Accountability, and Transparency (FAccT '23)*. Chicago, IL. June 2023.
- [c.41] Yibo Yan, Seth Frey, **Amy X. Zhang**, Vladimir Filkov, Likang Yin. GitHub OSS Governance File Dataset. *Conference on Mining Software Repositories (MSR '23)*. Data and Tool Showcase Track. Melbourne, Australia. May 2023.
- [c.40] K. J. Kevin Feng, Tony Li, **Amy X. Zhang**. Understanding Collaborative Practices and Tools of Professional UX Practitioners in Software Organizations. *ACM Conference on Human Factors in Computing Systems (CHI '23)*. Hamburg, Germany. April 2023.
- [c.39] Joseph Chee Chang, **Amy X. Zhang**, Jonathan Bragg, Andrew Head, Kyle Lo, Doug Downey, Dan Weld. CiteSee: Augmenting Citations in Scientific Papers with Persistent and Personalized Historical Context. *ACM Conference on Human Factors in Computing Systems (CHI '23)*. Hamburg, Germany. April 2023. **Best Paper Award**.
- [c.38] Srishti Palani, Aakanksha Naik, Doug Downey, **Amy X. Zhang**, Jonathan Bragg, Joseph Chee Chang. Relatedly: Scaffolding Literature Reviews with Existing Related Work Sections. *ACM Conference on Human Factors in Computing Systems (CHI '23)*. Hamburg, Germany. April 2023.
- 2022 —
- [c.37] Farnaz Jahanbakhsh, **Amy X. Zhang**, David Karger. Leveraging Structured Trusted-Peer Assessments to Combat Misinformation. *Proceedings of the ACM on Human-Computer Interaction*. (CSCW '22). Virtual. Nov 2022.
- [c.36] Farnaz Jahanbakhsh, **Amy X. Zhang**, Karrie Karahalios, David Karger. Our Browser Extension Lets Readers Change the Headlines on News Articles, and You Won't Believe What They Did! *Proceedings of the ACM on Human-Computer Interaction*. (CSCW '22). Virtual. Nov 2022.
- [c.35] Galen Weld, **Amy X. Zhang**, Tim Althoff. What Makes Online Communities 'Better'? Measuring Values, Consensus, and Conflict across Thousands of Subreddits. *AAAI International Conference on Weblogs and Social Media (ICWSM '22)*. Atlanta. June 2022.
- [c.34] Shagun Jhaver, Quan Ze (Jim) Chen, Detlef Knauss, **Amy X. Zhang**. Designing Word Filter Tools for Creator-led Comment Moderation. *ACM Conference on Human Factors in Computing Systems*

(CHI '22). New Orleans. April 2022.

- [c.33] Napol Rachatasumrit, Jonathan Bragg, **Amy X. Zhang**, Dan Weld. CiteRead: Integrating Localized Citation Contexts into Scientific Paper Reading. *ACM Conference on Intelligent User Interfaces (IUI '22)*. Virtual. March 2022.
- [c.32] Christina Pan, Sahil Yakhmi, Tara Iyer, Evan Strasnick, **Amy X. Zhang**, Michael Bernstein. Comparing the Perceived Legitimacy of Content Moderation Processes: Contractors, Algorithms, Expert Panels, and Digital Juries. *Proceedings of the ACM on Human-Computer Interaction. (CSCW '22)*. Virtual. Feb 2022.
- [c.31] Jessica Wang, **Amy X. Zhang**, David Karger. Designing for Engaging with News using Moral Framing towards Bridging Ideological Divides. *ACM International Conference on Supporting Group Work (GROUP '22)*. Virtual. Jan 2022.
- 2021 —
- [c.30] Timothy Neff, Jonas Kaiser, Irene Pasquetto, Dariusz Jemielniak, Dimitra Dimitrakopoulou, Siobhan Grayson, Natalie Gyenes, Paola Ricaurte, Javier Ruiz-Soler, **Amy X. Zhang**. Vaccine Hesitancy in Online Spaces: A Scoping Review of the Research Literature, 2000–2020. *Harvard Kennedy School Misinformation Review*. Oct 2021.
- [c.29] Quan Ze (Jim) Chen, Dan Weld, **Amy X. Zhang**. Goldilocks: Consistent Crowdsourced Scalar Annotations with Relative Uncertainty. *Proceedings of the ACM on Human-Computer Interaction. (CSCW '21)*. Virtual. Nov 2021.
- [c.28] Nathan Schneider, Primavera De Filippi, Seth Frey, Joshua Tan, **Amy X. Zhang**. Modular Politics: Toward a Governance Layer for Online Communities. *Proceedings of the ACM on Human-Computer Interaction. (CSCW '21)*. Virtual. Nov 2021.
- [c.27] Farnaz Jahanbakhsh, **Amy X. Zhang**, Adam Berinsky, Gordon Pennycook, David Rand, David Karger. Exploring Lightweight Interventions at Posting Time to Reduce the Sharing of Misinformation on Social Media. *Proceedings of the ACM on Human-Computer Interaction. (CSCW '21)*. Virtual. Nov 2021.
- 2020 —
- [c.26] **Amy X. Zhang**, Grant Hugh, Michael Bernstein. PolicyKit: Building Governance in Online Communities. *ACM Symposium on User Interface Software and Technology (UIST '20)*. Virtual. Nov 2020.
- [c.25] Sunny Tian, **Amy X. Zhang**, David Karger. A System for Interleaving Discussion and Summarization in Collaborative Document Writing. *Proceedings of the ACM on Human-Computer Interaction. (CSCW '20)*. Virtual. Nov 2020.
- [c.24] Mahmood Jasim, Pooya Khaloo, Somin Wadhwa, **Amy X. Zhang**, Ali Sarvghad, Narges Mahyar. CommunityClick: Capturing and Reporting Community Feedback from Town Halls to Improve Inclusivity. *Proceedings of the ACM on Human-Computer Interaction. (CSCW '20)*. Virtual. Nov 2020. **Best Paper Award**.
- [c.23] MD Momen Bhuiyan, **Amy X. Zhang**, Connie Moon Sehat, Tanushree Mitra. Investigating Differences in Crowdsourced News Credibility Assessment: Raters, Tasks, and Expert Criteria. *Proceedings of the ACM on Human-Computer Interaction. (CSCW '20)*. Virtual. Nov 2020.
- [c.22] **Amy X. Zhang***, Michael Mueller*, Dakuo Wang. How do Data Science Workers Collaborate? Roles, Workflows, and Tools. *Proceedings of the ACM on Human-Computer Interaction. (CSCW '20)*.

Virtual. Nov 2020. *Equal Contribution.

- [c.21] Jenny Fan, **Amy X. Zhang**. Digital Juries: A Civics-Oriented Approach to Platform Governance. *ACM Conference on Human Factors in Computing Systems (CHI '20)*. Honolulu, HI. April 2020. [24.3% Acceptance Rate]
- [c.20] Tarfah Alrashed, Jumana Almahmoud, **Amy X. Zhang**, David Karger. ScrAPIr: Making Web Data APIs Accessible to End Users. *ACM Conference on Human Factors in Computing Systems (CHI '20)*. Honolulu, HI. April 2020. [24.3% Acceptance Rate]
- [c.19] Shay Geller, Nicholas Hoernle, Kobi Gal, Avi Segal, **Amy X. Zhang**, David Karger, Marc Facciotti, Michele Igo. #Confused and Beyond: Detecting Confusion in Course Forums using Student Annotated Hashtags. *Learning Analytics and Knowledge Conference (LAK '20)*. Frankfurt, Germany. March 2020.

— 2019 —

- [c.18] Soya Park, **Amy X. Zhang**, Luke Murray, and David Karger. Opportunities for Automating Email Processing: A Need-Finding Study. *ACM Conference on Human Factors in Computing Systems (CHI '19)*. Glasgow, UK. May 2019. [23.8% Acceptance Rate]

— 2018 —

- [c.17] **Amy X. Zhang**, Justin Cranshaw. Making Sense of Group Chat through Collaborative Tagging and Summarization. *Proceedings of the ACM on Human-Computer Interaction. Volume 2 Issue CSCW, No. 196 (CSCW '18)*. New York, NY. Nov 2018. [25% Acceptance Rate]. **Best Paper Award**.
- [c.16] Jane Im, **Amy X. Zhang**, David Karger. Deliberation and Resolution on Wikipedia: A Case Study of Requests for Comments. *Proceedings of the ACM on Human-Computer Interaction. Volume 2 Issue CSCW, No. 74 (CSCW '18)*. New York, NY. Nov 2018. [25% Acceptance Rate]
- [c.15] **Amy X. Zhang**, Jilin Chen, Wei Chai, Jinjun Xu, Lichan Hong, Ed Chi. Evaluation and Refinement of Clustered Search Results with the Crowd. *ACM Transactions on Interactive Intelligent Systems: Special Issue on Human-Centered Machine Learning*. 8, 2, Article 14 (June 2018), 28 pages.
- [c.14] **Amy X. Zhang**, Aditya Ranganathan, Sarah Emlen Metz, Scott Appling, Connie Moon Sehat, Norman Gilmore, Nick B. Adams, Emmanuel Vincent, Martin Robbins, Jennifer 8. Lee, Ed Bice, Sandro Hawke, David Karger, An Xiao Mina. A Structured Response to Misinformation: Defining and Annotating Credibility Indicators in News Articles. *Proceedings of the 27th International Conference on World Wide Web: Journalism, Misinformation, and Fact Checking Track (WWW '18 Companion)*. Lyon, France. April 2018. [28% Acceptance Rate]
- [c.13] Kaitlin Mahar, **Amy X. Zhang**, David Karger. Squadbox: A Tool to Combat Email Harassment Using Friendsourced Moderation. *ACM Conference on Human Factors in Computing Systems (CHI '18)*. Montreal, Canada. April 2018. [26% Acceptance Rate]

— 2017 —

- [c.12] **Amy X. Zhang**, Bryan Culbertson, Praveen Paritosh. Characterizing Online Discussion Using Coarse Discourse Structures. *AAAI International Conference on Weblogs and Social Media (ICWSM '17)*. Montreal, Canada. May 2017. [14% Acceptance Rate]
- [c.11] **Amy X. Zhang**, Lea Verou, David Karger. Wikum: Bridging Discussion Forums and Wikis Using Recursive Summarization. *ACM Conference on Computer Supported Cooperative Work and Social Computing (CSCW '17)*. Portland, Oregon. Feb 2017. [34% Acceptance Rate]

— 2016 —

- [c.10] Lea Verou, **Amy X. Zhang**, David Karger. Mavo: Creating Interactive Data-Driven Web Applications by Authoring HTML. *ACM User Interface Software and Technology Symposium (UIST '16)*. Tokyo, Japan. Oct 2016. [21% Acceptance Rate]
- [c.9] **Amy X. Zhang**, Scott Counts. Gender and Ideology in the Spread of Anti-Abortion Policy. *ACM Conference on Human Factors in Computing Systems (CHI '16)*. San Jose, CA. April 2016. [23% Acceptance Rate]
- [c.8] **Amy X. Zhang**, Joshua Blum, David Karger. Opportunities and Challenges Around a Tool for Social and Public Web Activity Tracking. *ACM Conference on Computer Supported Cooperative Work and Social Computing (CSCW '16)*. San Francisco, CA. Feb. 2016. [25% Acceptance Rate]

— 2015 —

- [c.7] **Amy X. Zhang**, Scott Counts. Modeling Ideology and Predicting Policy Change with Social Media: Case of Same-Sex Marriage. *ACM Conference on Human Factors in Computing Systems (CHI '15)*. Seoul, Korea. April 2015. [23% Acceptance Rate]. **Best Paper Honorable Mention.**
- [c.6] **Amy X. Zhang**, Mark S. Ackerman, David R. Karger. Mailing Lists: Why Are They Still Here, What's Wrong With Them, and How Can We Fix Them? *ACM Conference on Human Factors in Computing Systems (CHI '15)*. Seoul, Korea. April 2015. [23% Acceptance Rate].

— 2014 —

- [c.5] Edward Benson, **Amy X. Zhang**, David R. Karger. Spreadsheet Driven Web Applications. *ACM User Interface Software and Technology Symposium (UIST '14)*. Honolulu, Hawaii. Oct 2014. [22% Acceptance Rate]
- [c.4] Juho Kim, **Amy X. Zhang**, Jihee Kim, Robert Miller, Krzysztof Gajos. Content-Aware Kinetic Scrolling for Supporting Web Page Navigation. *ACM User Interface Software and Technology Symposium (UIST '14)*. Honolulu, Hawaii. Oct 2014. [22% Acceptance Rate].
- [c.3] Nick Diakopoulos, **Amy X. Zhang**, Dag Elgesem, Andrew Salway. Identifying and Analyzing Moral Evaluation Frames in Climate Change Blog Discourse. *AAAI International Conference on Weblogs and Social Media (ICWSM '14)*. Ann Arbor, MI. June 2014. [41% Acceptance Rate].

— 2013 —

- [c.2] **Amy X. Zhang**, Anastasios Noulas, Salvatore Scellato, Cecilia Mascolo. Hoodsquare: Modeling and Recommending Neighborhoods in Location-based Social Networks. *ASE/IEEE International Conference on Social Computing (SocialCom '13)*. Washington, D.C. June 2013. [9.9% Acceptance Rate].

— 2012 —

- [c.1] Mor Naaman, **Amy X. Zhang**, Sam Brody, Gilad Lotan. On the Study of Diurnal Urban Routines on Twitter. *AAAI International Conference on Weblogs and Social Media (ICWSM '12)*. Dublin, Ireland. June 2012. [20% Acceptance Rate].

Lightly Refereed Poster and Work-in-Progress Papers

- [p.7] Sunny Tian, **Amy X. Zhang**, David Karger. Integrating Discussion and Summarization in Collaborative Writing. *ACM Collective Intelligence*. Cambridge, MA. June 2020.
- [p.6] Md. Momen Bhuiyan, **Amy X. Zhang**, Connie Moon Sehat, Tanushree Mitra. Investigating

“Who” in the Crowdsourcing of News Credibility. *Computation + Journalism Symposium (C+J '20)*. Boston, MA. February 2020.

- [p.5] Jenny Fan, **Amy X. Zhang**. Digital Juries: A Civics-Oriented Approach to Platform Governance. *ACM Computer Science and Law Symposium*. New York, NY. Oct 2019.
- [p.4] Soya Park, **Amy X. Zhang**, David Karger. Post-literate Programming: Linking Discussion and Code in Software Development Teams. *ACM User Interface Software and Technology Symposium (UIST '18)*. Berlin, Germany. Oct 2018.
- [p.3] **Amy X. Zhang**, David Karger. Bridging Discussions and Wikis using Recursive Summarization. *ACM Collective Intelligence*. New York, NY. June 2017.
- [p.2] **Amy X. Zhang**, Michele Igo, Marc Facciotti, David Karger. Using Student Annotated Hashtags and Emojis to Collect Nuanced Affective States. *ACM Learning @ Scale (L@S '17)*. Boston, MA. April 2017.
- [p.1] Yelena Mejova, **Amy X. Zhang**, Nicholas Diakopoulos, Carlos Castillo. Controversy and Sentiment in Online News. *3rd Computation + Journalism Symposium (C+J '14)*. New York, NY. October 2014.

Lightly Refereed Workshop Papers

- [w.12] Alicia Guo, Leijie Wang, Jeffrey Heer, **Amy X. Zhang**. Preserving Writer Values in AI Writing Assistance Tools. *The Third Workshop on Intelligent and Interactive Writing Assistants (CHI '24)*. Honolulu, HI. May 2024.
- [w.11] Leijie Wang, Nicholas Vincent, Julija Rukanskaitė, **Amy X. Zhang**. Pika: A Declarative Language for Expressing Online Community Governance Policies. *Workshop on the Intersection of HCI and PL (PLATEAU '24)*. Berkeley, CA. Feb 2024.
- [w.10] K. J. Kevin Feng, Quan Ze (Jim) Chen, Inyoung Cheong, King Xia, **Amy X. Zhang**. Case Repositories: Towards Case-Based Reasoning for AI Alignment. *Moral Philosophy + Psychology (MP2) Workshop (NeurIPS '23)*. New Orleans, LA. Dec 2023.
- [w.9] Ruotong Wang, Ye Yuan, **Amy X. Zhang**. Leveraging Communication Data to Support Workers' Learning in Collaborative Complex Work. *Supporting Workers in Developing Effective Collaboration Skills for Complex Work Workshop (CSCW '23)*. Minneapolis, MN. Oct 2023.
- [w.8] K. J. Kevin Feng, **Amy X. Zhang**. From Handoffs to Co-Creation: Deepening Collaboration between Designers, Developers, and Data Science Workers in UX Design. *InContext: Futuring User-Experience Design Tools Workshop (CHI '22)*. New Orleans. April 2022.
- [w.7] James Stomber, Dilrukshi Gamage, Bill Skeet, **Amy X. Zhang**. Towards a Unified Framework for the UX Design of News Credibility Tools. *Information Credibility and Alternative Realities in Troubled Democracies (ICWSM '21)*. Virtual. June 2021.
- [w.6] Emelia May Hughes, Renee Wang, Prerna Juneja, Tanushree Mitra, **Amy X. Zhang**. Introducing Credibility Signals and Citations to Video-Sharing Platforms. *Information Credibility and Alternative Realities in Troubled Democracies (ICWSM '21)*. Virtual. June 2021.
- [w.5] **Amy X. Zhang**, David Karger. Making Online Discussions More Sense-able by Adding Richer Structure. *Sensemaking Workshop at ACM Conference on Human Factors in Computing Systems (CHI '18)*. Montreal, Canada. April 2018.
- [w.4] **Amy X. Zhang**, Kaitlin Mahar, David Karger. Combating Online Harassment with Friendsourcing. *Bad Actors Workshop at ACM Conference on Human Factors in Computing Systems (CHI '18)*. Mon-

treil, Canada. April 2018.

- [w.3] **Amy X. Zhang**, Joshua Blum, David Karger. Reimagining Web Activity Tracking for Social Applications. *Everyday Surveillance Workshop at ACM Conference on Human Factors in Computing Systems (CHI '16)*. San Francisco, CA. April 2016.
- [w.2] Nick Diakopolous, Dag Elgesem, Andrew Salway, **Amy X. Zhang**, Knuf Hofland. Compare Clouds: Visualizing Text Corpora to Compare Media Frames. *ACM Intelligent User Interfaces Workshop on Visual Text Analytics (TextVis @ IUI '15)*. Atlanta, Georgia. March 2015.
- [w.1] Nick Diakopolous, **Amy X. Zhang**, Andrew Salway. Visual Analytics of Media Frames in Online News and Blogs. *IEEE InfoVis Workshop on Interactive Visual Text Analytics (TextVis @ InfoVis '13)*. Atlanta, Georgia. October 2013.

Demo Papers

- [d.6] Sunny Tian, **Amy X. Zhang**, David Karger. A System for Interleaving Discussion and Summarization in Collaborative Document Writing. *ACM Conference on Computer-Supported Cooperative Work (CSCW '20)*. Virtual. Oct 2020.
- [d.5] Mahmood Jasim, Pooya Khaloo, Somin Wadhwa, **Amy X. Zhang**, Ali Sarvghad, Narges Mahyar. CommunityClick: Towards Improving Inclusivity in Town Halls. *ACM Conference on Computer-Supported Cooperative Work (CSCW '20)*. Virtual. Oct 2020.
- [d.4] Elena Glassman, Janet Sung, Katherine Qian, Yuri Vishnevsky, **Amy X. Zhang**. Triangulating the News: Visualizing Commonality and Variation Across Many News Stories on the Same Event. *Computation + Journalism Symposium (C+J '20)*. Boston, MA. February 2020.
- [d.3] Kaitlin Mahar, **Amy X. Zhang**, David Karger. Squadbox: A Tool to Combat Online Harassment Using Friendsourced Moderation. *ACM Conference on Human Factors in Computing Systems (CHI '18)*. Montreal, Canada. April 2018.
- [d.2] **Amy X. Zhang**, David Karger, Anant Bhardwaj. Confer: A Conference Recommendation and Meetup Tool. *ACM Conference on Computer Supported Cooperative Work and Social Computing (CSCW '16)*. San Francisco, CA.
- [d.1] **Amy X. Zhang**, Joshua Blum, David Karger. Eyebrowse: Selective and Public Web Activity Sharing. *ACM Conference on Computer Supported Cooperative Work and Social Computing (CSCW '16)*. San Francisco, CA.

Doctoral Symposium

- Amy X. Zhang**. Building Systems to Improve Online Discussion. *ACM Conference on Computer Supported Cooperative Work and Social Computing (CSCW '18)*. New York, NY. Nov 2018.
- Amy X. Zhang**. Systems to Improve Online Discussion. *ACM User Interface Software and Technology Symposium (UIST '17)*. Quebec City, Canada. Oct 2017.

Non-Refereed Public Writing

- Shagun Jhaver, **Amy X. Zhang**. Tools Against Harassment: Empowering Content Creators. *Anti-Defamation League (ADL) Center for Technology & Society Report*. June 2024.
- K. J. Kevin Feng, Jina Yoon, **Amy X. Zhang**. Can Provenance Save Us from a Barrage of Synthetic Media? *UW Center for an Informed Public*. Feb 2024.

K. J. Kevin Feng, David McDonald, **Amy X. Zhang**. Teachable Agents for End-User Empowerment in Personalized Feed Curation. *Knight First Amendment Institute Symposium: Optimizing for What? Algorithmic Amplification and Society*. April 2023.

Amy X. Zhang. Considering social factors in new technologies. *ACM XRDS: Crossroads, The ACM Magazine for Students*. 25 (2), 28-31. 2019.

Patents

Amy X. Zhang, Justin Cranshaw. Human-Machine Interface for Collaborative Summarization of Group Conversations. Microsoft Research. Filed 2017.

Amy X. Zhang, Jilin Chen, Sagar Jain, Lichan Hong, Ed Chi. Crowdsourced Evaluation and Refinement of Search Clusters. Google Research. Filed 2016.

INDUSTRY COLLABORATIONS

- 2021– Visiting Researcher, **Semantic Scholar, AI2**, Seattle, WA
- 2021–2022 Academic Advisory Board Member, **Twitter Birdwatch, Twitter** (Now X Community Notes), San Francisco, CA
- Summer 2017 Research Intern, **Microsoft FUSE Labs, Microsoft**, Redmond, WA
Mentor: Justin Cranshaw
- Summer 2016 Research Intern, **Queriosity Group, Google Research**, Mountain View, CA
Mentor: Bryan Culbertson, Praveen Paritosh
- Summer 2015 Research Intern, **SIR Group, Google Research**, Mountain View, CA
Mentor: Jilin Chen, Lidian Hong, Ed Chi
- Summer 2014 Research Intern, **neXus Group, Microsoft Research**, Redmond, WA
Mentor: Scott Counts
- 2012–2014 Software Engineer, **NewsCred**, New York, NY
- Summer 2011 Research Intern, **Yahoo! Research Labs**, New York, NY
Mentor: Jake Hofman

TEACHING

Courses

- Winter 2024 Instructor, **CSE 481: Social Computing Capstone**, UW CSE
Instructor for a project-based undergraduate course on social computing, with 24 students.
- Fall 2023 Instructor, **CSE 440: Introduction to HCI**, UW CSE
Instructor for a project-based undergraduate course on HCI and design, with 65 students, 4 TAs.
- Spring 2023 Instructor, **CSE 481: Social Computing Capstone**, UW CSE
Instructor for a project-based undergraduate course on social computing, with 24 students.
- Fall 2022 Instructor, **CSE 440: Introduction to HCI**, UW CSE
Instructor for a project-based undergraduate course on HCI and design, with 69 students, 4 TAs.
- Winter 2022 Instructor, **CSE 481: Social Computing Capstone**, UW CSE
Instructor for a project-based undergraduate course on social computing, with 23 students.

- Fall 2021 Instructor, **CSE 440: Introduction to HCI**, UW CSE
Instructor for a project-based undergraduate course on HCI and design, with 65 students, 4 TAs.
- Spring 2021 Instructor, **CSE 599: Social and Collaborative Computing**, UW CSE
Instructor for a graduate course on social computing research. Fully remote due to COVID-19.
- Winter 2021 Instructor, **CSE 440: Introduction to HCI**, UW CSE
Instructor for a project-based undergraduate course on HCI and design, with 65 students enrolled and overseeing 4 TAs. Fully remote due to COVID-19.
- Spring 2018 Instructor, **6.813: User Interface Design**, MIT CSAIL
Instructor for a flipped, project-based user interface design and programming course, with 250 students enrolled and overseeing 9 TAs. Also led graduate research reading seminar.
- Spring 2017 Teaching Assistant, **6.813: User Interface Design**, MIT CSAIL
Graduate TA for a flipped, project-based user interface design and programming course, with 250 students enrolled. Lead TA for graduate research reading seminar and one undergraduate section.
- Fall 2009 Instructor, **Exploring Computer Science Seminar**, Rutgers University
Instructed for-credit class of 18 freshmen on introductory computer science topics. Individually designed syllabus and lesson plans, distributed grades, and arranged for trip to Google NYC.

Guest Lectures

- Winter 2023 **Law 553: Technology Law And Public Policy Seminar**, UW Law
Reimagining User- and Community-led Governance on Online Social Platforms
- Fall 2022 **CSE 599D: The Future of Scholarly Communication**, UW CSE
Tools for Supporting Collaboration in Scholarly Work
- Fall 2020 **CSE 143: Computing Programming II**, UW CSE
Building Technology for Society: Automated Content Moderation
- Winter 2020 **CSE 510: Advanced Topics in HCI**, UW CSE
Research in CSCW and Social Computing

INVITED TALKS AND PANELS

- 2024 **CHI Workshop on Generative AI in User-Generated Content**, Honolulu, HI
Panel on User-Generated Content and Generative AI
- Slack Speaker Series**, Online
Designing Team-AI Tools for Taming Collaboration Overload
- Microsoft Future of Work Seminar Series**, Online
Designing Team-AI Tools for Taming Collaboration Overload
- Princeton CITP Seminar Series**, Princeton, NJ
Sociotechnical Designs for Democratic and Pluralistic Governance of Social Media and AI
- Wikimedia Research Showcase**, Online
Sociotechnical Designs for Democratic and Pluralistic Governance of Social Media and AI
- Prosocial Design Network**, Online
PolicyKit
- Northwestern Cognitive Science**, LLMs and Politics Panel, Online
Designing Sociotechnical Systems in the Age of LLMs
- 2023 **Stanford McCoy Center for Ethics in Society**, Technological Opportunities Panel, Palo Alto
Designing and Building Tools for Community- and User-Driven Governance

- AAAI HCOMP**, Decision-Making Panel, Delft, Netherlands
Establishing Alignment on Socially-Constructed Concepts
- University of Zurich**, Department of Informatics, Zurich, Switzerland
Empowering Users and Communities in Social Media Governance
- Yale Social Media Governance Initiative**, Community Driven Governance Panel, New Haven
Tools for Governance on Online Social Platforms
- University of Arizona College of Management Seminar Series**, Online
Tools for Governance on Online Social Platforms
- UCBoulder Information School Seminar Series**, Online
Tools for Governance on Online Social Platforms
- CMU Societal Computing Seminar Series**, Pittsburgh, PA
Tools for Governance on Online Social Platforms
- Tableau**, Seattle, WA
Understanding and Addressing Uncertainty in Human Data Annotation on Subjective Tasks
- Community Data Science Collective**, Science of Community Dialogues, Online
Designing and Building Governance in Online Communities
- 2022 **ACL EMNLP**, Workshop on Data Science with Humans in the Loop, Online
Understanding and Addressing Uncertainty in Crowd Annotation on Subjective Tasks
- Microsoft**, Applied Research Seminar Series, Redmond, WA
Equipping Users and Communities in the Fight Against Misinformation
- DWeb Camp**, Camp Navarro, CA
Governance in End-to-End Encrypted (E2EE) Online Social Spaces
- CRA Snowbird**, Misinformation Panel, Utah
Social Computing Systems Design for Combating Misinformation
- Meta**, Governance Workshop, Online
Digital Juries for Platform Governance
- DIMACS CS & Law Workshop**, Rutgers University
Tools for Governance on Online Social Platforms
- PyCon**, Maintainers Summit, Online
PolicyKit: Building Governance in Online Communities
- WPI CS Colloquium**, Online
From Technical Decentralization to Technology to Decentralize Governance
- ACM CHI Workshop**, Designing for Mis/Disinformation, Online
Community-based Tools for Countering Misinformation
- International Journalism Festival**, Italy
What is quality vaccine journalism?
- AKASHA Seminar Series**, Online
Designing Legitimate Moderation in Decentralized Online Social Platforms
- 2021 **Yale Social Media Governance Initiative**, Community Driven Governance Panel, Online
Governance Structures and Tools in Online Communities
- Humphrey Fellows - Navigating Media & Information in the 21st Century**, Seattle, WA
Improving Online Discourse
- 3rd Obfuscation Workshop**, Online
Designing Friction into Online Social Interaction
- IASC Knowledge Commons Conference**, Online
Online communities: Engineering Self-Governing Online Commons
- UW Center for an Informed Public**, Online

- User- and Community-Targeted Approaches to Combating Misinformation
Texas A&M, Online
 Empowering Users and Communities to Curate Social Media
- 2020 **Decidim Fest**, Online
 Panel: Participation by Design
- Semantic Scholar @ Allen Institute for AI**, Online
 Systems for Collective Curation of Online Discourse
- UIST+CSCW Joint Panel**, Online
 Panel: A Celebration of Systems Research in Collaborative and Social Computing
- Association for Education in Journalism and Mass Communication (AEJMC)**, Online
 Panel: Tackling Misinformation: Academic-Community-Industry Collaborations
- RadicalxChange Conference**, Online
 Governance Layers: Meet CommunityRule and PolicyKit
- ICWSM Social and News Media Misinformation Workshop**, Online
 Research and Initiatives in Crowdsourcing News Credibility
- MetaGov Seminar Series**, Online
 PolicyKit: A System for Authoring and Enacting Governance in Online Communities
- BostonCHI Talk Series**, Cambridge, MA
 Systems to Improve Online Discussion
- Stanford HCI Lunch**, Palo Alto, CA
 Systems to Improve Online Discussion
- 2019 **Center for Democracy and Technology: The Future of Speech Online**, Washington, D.C.
 Squadbox: A Tool to Fight Online Harassment with Friends
- WikiConference North America**, Cambridge, MA
 Squadbox: A Tool to Fight Online Harassment with Friends
 Supporting Deliberation and Resolution on Wikipedia
- Google**, Mountain View, CA
 Systems to Improve Online Discussion
- University of Washington DUB Retreat**, Seattle, WA
 Systems to Improve Online Discussion
- UC San Diego Design@Large Seminar**, San Diego, CA
 Systems to Improve Online Discussion
- Twitter**, San Francisco, CA
 Systems to Improve Online Discussion
- Wikimania**, Stockholm, Sweden
 Supporting Deliberation and Resolution on Wikipedia
- Slack**, San Francisco, CA
 Making Sense of Group Chat through Collaborative Tagging and Summarization
- LibrePlanet**, Cambridge, MA
 Panel: Large-scale Collaboration with Free Software
- Princeton University Computer Science**, Princeton, NJ
- Microsoft Research**, Redmond, WA
- Northeastern University Computer Science**, Boston, MA
- Brown University Computer Science**, Providence, RI
- University of Washington Computer Science and Engineering**, Seattle, WA
- Georgia Tech Interactive Computing**, Atlanta, GA
- USC Computer Science**, Los Angeles, CA

- UC Berkeley Electrical Engineering and Computer Science**, Berkeley, CA
UC San Diego Computer Science, San Diego, CA
Northwestern Computer Science, Evanston, IL
UC Irvine Informatics, Irvine, CA
NYU Stern, New York, NY
CMU HCI Institute, Pittsburgh, PA
Boston University Computer Science, Boston, MA
UMass Amherst Computer Science, Amherst, MA
UCLA Computer Science, Los Angeles, CA
 Systems to Improve Online Discussion
Computation + Journalism, University of Miami, FL
 Bridging Research and Practice towards Open Standards for Online Content
 2018 **3rd State Attorney General Tech (AGTech) Forum**, Berkman Klein Center, Cambridge, MA
 Panel: Content Moderation, Search, and Speech
University of Michigan School of Information, Ann Arbor, MI
Rutgers University School of Information, New Brunswick, NJ
University of Maryland, College Park, MD
 Systems to Improve Online Discussion
UMass Amherst Computational Social Science Institute, Amherst, MA
 Systems to Improve Online Discussion
USENIX Security, Baltimore, MD
 Panel: “From Spam to Speech: Policing the Next Generation of ‘Unwanted Traffic’”
RightsCon, Toronto, Canada
 Panel: “Automated Filtering and the Future of Free Expression Online”
2nd State Attorney General Tech (AGTech) Forum, Berkman Klein Center, Cambridge, MA
 AI Policy Pulse: Case Studies of City Governance of AI
International Journalism Festival, Perugia, Italy
 Panel: “Misinformation and AI, Challenges and Opportunities”
Exploring Media Ecosystems Workshop, MIT Media Lab, Cambridge, MA
 The Credibility Coalition: A Structured Response to Misinformation
CivilServant Community Research Summit, MIT Media Lab, Cambridge, MA
 Squadbox: A Tool to Fight Online Harassment with Friends
 2017 **Computation + Journalism Conference**, Northwestern, Evanston, IL
 Panel: “Commenting and Community Engagement: New Approaches”
Microsoft Research Information and Data Sciences Group (CLUES), Redmond, WA
 Tilda: A Tool for Summarizing Chat Conversations
Microsoft FUSE Labs, Redmond, WA
 Tilda: A Tool for Summarizing Chat Conversations
Microsoft Research HCI Seminar, Redmond, WA
 Tilda: A Tool for Summarizing Chat Conversations
Chartbeat, New York, NY
 Characterizing Online Discussion Using Coarse Discourse Structures
Hacks/Hackers and Meedan Credibility Working Group, New York, NY
 Considering End Users in the Design of News Credibility Annotations
MIT Center for Civic Media, MIT Media Lab, Cambridge, MA
 Online Harassment, Gender Equality Policy, and Scaling Understanding on the Web
 2016 **Wikimedia Foundation Research Showcase**, San Francisco, CA

- Designing and Building Online Discussion Systems
Common Sense Group, Google Research, Mountain View, CA
 Uncovering Question and Answer Content from Forums
Google Ph.D. Fellowship Summit, Mountain View, CA
 Research at the Intersection of HCI and Machine Intelligence
Adobe Research, San Jose, CA
 Re-imagining Web Activity Tracking for Personal and Social Benefits
Stanford HCI Lunch, Palo Alto, CA
 Designing and Building Online Discussion Systems
MIT CSAIL Graphics Group, Cambridge, MA
 Discussions on the Web: Understanding and Design
Boston University Image and Video Computing Group, Boston, MA
 Human Evaluation and Refinement of Search Clusters
 2015 **Google Research**, Mountain View, CA
 Refinery: Cluster Evaluation and Refinement using Crowd Workers for Mobile App Search
Harvard Berkman Center Cooperation Group, Cambridge, MA
 Mailing Lists: Why Are They Still Here, What's Wrong With Them, How Can We Fix Them?
 2014 **MSR neXus Group**, Redmond, WA
 Modeling Ideology and Predicting Policy with Social Media: Case of Same-Sex Marriage

ACADEMIC SERVICE

- Steering Committee
 2017–2019 ACM CSCW
 Organizing Committee
 2025 ACM CHI Subcommittee Co-Chair: Engineering Interactive Systems & Tools
 2024 ACM CSCW Awards Committee
 ACM CSCW Papers Editor
 ACM CHI Subcommittee Co-Chair: Engineering Interactive Systems & Tools
 Princeton Decentralized Social Media Workshop Co-Organizer
 2023 ACM CSCW Papers Editor
 ACM CSCW DEI Co-Chair
 ACM CHI Workshop on Building Credibility, Trust, and Safety on Video-Sharing Platforms
 ACM CSCW SIG on Designing for AI-Powered Social Computing Systems
 2021 Social Computing Systems Summer Camp Co-Organizer
 2020 ACM UIST Posters Co-Chair
 ACM CSCW Demos Co-Chair
 Conference for Truth and Trust Online Publicity Co-Chair
 2019 ACM UIST Posters Co-Chair
 Conference for Truth and Trust Online Co-Organizer
 2016 ACM RecSys Student Volunteer Co-Chair
 Program Committee
 2023 ACM CHI
 ACM FAccT
 IEEE SecHOPE (Security for Harassment Online, Protections, and Empowerment)
 2022 ACM CHI
 2021 ACM CHI

2020 ACM CSCW
 ACM CHI
 ACM UIST
 ACM ICWSM
 ACM CHIIR
 Computation + Journalism
 Wiki Workshop @ WebConf

2019 ACM CSCW
 ACM UIST
 Computation + Journalism
 ACM CHIIR
 AAI ICWSM
 Free and Open Communications on the Internet (FOCI) @ USENIX
 Wiki Workshop @ WebConf
 ACM WebSci Posters

2018 ACM CSCW
 ACM CHI
 ACM SIGIR
 ACM CHIIR
 AAI ICWSM
 WWW Misinformation Track
 ACM RecSys Posters and Demos
 ACM IUI Posters and Demos
 IEEE VL/HCC Workshop on Technologies for Human Problem Solving

2017 AAI ICWSM
 ACM RecSys Posters

2016 ACM CHI Late-Breaking Work
 AAI ICWSM
 ACM RecSys Posters

2014 AAI ICWSM

Reviewer

Conferences: CHI: 2015-19; CSCW: 2015-19, 2022-23; UIST: 2016-19, 2021; ICWSM: 2014-19, 2021-22; RecSys: 2016-18; CHIIR: 2018-19; IUI: 2018; UbiComp: 2014

Journals: Transactions on Social Computing (TSC), Transactions on Computer-Human Interaction (ToCHI), Journal of Data and Information Quality (JDIQ), Transactions on the Web (TWeb), Journal of the Association for Information Science and Technology (JASIST), Transactions on Interactive Intelligent Systems (TIIS)

Recognized for Excellence in Reviewing

CSCW 2015, 2023; CHI 2016-17, 2020

Student Volunteer

CSCW 2016, UIST 2016

Website

Organized Confer conference schedule manager for 15+ conferences

Local Service

- 2023–24 Co-chair of UW DUB Summer REU program
Allen School Faculty Recruiting Committee
Allen School Executive Committee
- 2022–23 Co-chair of UW DUB Summer REU program
Graduate Admissions Committee Faculty Area Chair for HCI
Allen School Executive Committee
- 2021–22 Co-chair of UW DUB Summer REU program
UW DUB Doctoral Colloquium Panelist
Graduate Admissions Committee Faculty Area Chair for HCI
- 2020–21 Co-chair of UW DUB Annual Retreat
Co-chair of UW DUB Summer REU program
- 2019–20 MIT CSAIL internal communications working group
- 2018 MIT CSAIL graduate admissions committee
Co-organizer of Boston CHI Labs
- 2017 MIT CSAIL graduate admissions committee
MIT CSAIL website redesign committee
Co-organizer of MIT CSAIL HCI Seminar Series
Co-organizer of Boston CHI Labs

Panels

- 2024 CSE 492R Undergraduate Research Panel, **UW CSE**
- 2023 WiC-LEAP Women in Research Panel, **UW CSE**
- 2022 CS Ed Week Workshop on Social Computing, **UW CSE**, Online
Women in Machine Learning Panel on Fellowship Applications, **WiML**, Online
“Tea-y Tales Across Borders” Q&A with Student Volunteers, **CSCW 2022**, Online
CSE 590X: The Tao of Ph.D. Panel, **UW CSE**, Online
Industry Affiliates Day Speaker, **UW CSE**
CSE 142/163 Professional Development for UW high school teachers Speaker, **UW CSE**
Academic Job Search Panel, **UW CSE**, Online
CSE Visit Days Talks, **UW CSE**, Online
- 2021 CSE 190b: Direct Admit Seminar, **UW CSE**, Online
UW CSE Alumni Event, **UW CSE**, Online
Women’s Research Day Faculty Q&A Panel, **UW CSE**, Online
DUB HCI Seminar Grad Student Discussion, **UW DUB**, Online
- 2020 Academic Job Search Panel, **UW CSE**, Online
Junior Faculty Panel, **MIT EECS Academic Job Search Seminar**, Online
Job Opportunities in HCI, **CHI Mentoring (CHIME) Workshop**, Online

STUDENT ADVISING

UW Postdoctoral Researchers

- 2023–24 Quan Ze (Jim) Chen (co-advised with Franzi Roesner)
Xinyi Zhou (co-advised with Tim Althoff)
- 2023 Nicholas Vincent (co-advised with Seth Frey at UC Davis) (now professor at Simon Fraser)
- 2020–21 Shagun Jhaver (now professor at Rutgers) [c.34][c.46][c.49][c.52]

UW Ph.D. Students

- 2024– Teanna Barrett (co-advised with Leilani Battle) [c.42]
 2023– Alicia Guo (co-advised with Jeff Heer) [w.12]
 2022– Jina Yoon
 Leijie Wang [c.43][c.58][w.11]
 2021– K. J. Kevin Feng (co-advised with David McDonald) [c.40][c.45][c.60][w.8][w.10]
 Galen Weld (co-advised with Tim Althoff) [c.35][c.53]
 2020– Ruotong Wang [c.55][w.9]
 2020–22 Quan Ze (Jim) Chen. Ph.D. Thesis. “*Understanding and Addressing Uncertainty of the Crowd*”. Now postdoc at UW CSE. [c.29][c.42][c.44][c.47]

UW Visiting Researchers, Graduate RAs, Independent Study

- 2023–24 Inyoung Cheong (current Ph.D. at UW Law School). [c.64]
 2023 JaeWon Kim (current Ph.D. at UW iSchool)
 2022–2023 Pranav Malhotra (now professor at UMichigan Communication). [c.50]
 Ruican Zhong (current Ph.D. at UW HCDE)
 2021–2022 Peipei Nie
 2020–2021 Ge Zhang (now Ph.D. at UMichigan iSchool)
 Wenjia (Jiajia) Hu (now Ph.D. at CMU HCII)

UW Committee Member

- 2023–24 Inyoung Cheong (Dissertation Committee)
 Amanda Baughan (Dissertation Committee)
 Mara Kirdani-Ryan (Dissertation Committee)
 Yim Register (Dissertation Committee GSR)
 Regina Cheng (Dissertation Committee GSR)
 Raymond Fok (Generals Committee)
 Marissa Radensky (Generals Committee)
 JaeWon Kim (Generals Committee GSR)
 Meena Muralikumar (Generals Committee GSR)
 2022–23 Amanda Baughan (Generals Committee)
 Mara Kirdani-Ryan (Generals Committee)
 Rock Pang (Quals Committee)
 2021–22 Yim Register (Generals Committee GSR)
 Meena Muralikumar (Generals Committee GSR)
 Regina Chang (Generals Committee GSR)

UW Undergraduate and Masters Theses

- 2024 Simona Liao, MEng Thesis in Computer Science. “*Building Proactive and Instant-Reactive Safety Designs to Address Harassment in Social Virtual Reality*”. Now at Microsoft.
 2023 Ryan Li, Undergraduate Honors Thesis in Computer Science. “*Evaluating the Harm of Online Misinformation*”. Now Masters at Stanford CS. [c.56]
 2022 Savanna Yee, MEng Thesis in Computer Science. “*Studying Privacy in the Context of Online Peer Support for Mental Health*”. Now at Promise.
 Felicia Yan, Undergraduate Honors Thesis in Computer Science. “*Understanding Governance of Online Open-Source Projects*”. Now at McKinsey.

Renee Wang, Undergraduate Honors Thesis in Computer Science. “*Introducing Credibility Signals to Video-Sharing Platforms*”. Now at Microsoft. [c.61]

UW Undergraduate and Masters Students

- 2024 Sydney Kuhl, Nathan Moreland, Ashley Peris, Weizi Wu, Yusuf Shahpurwala, Terrie Chen, Andrew Shaw, Wei Jun Tan, Ashley Mochizuki
- 2023 Sarah Fredrickson, Pranati Dani, Lawrence Tan [c.60], Gloria Guo (now MS at UW HCDE), Judy Kang, Tara Sirosh, Aaminah Alam, Shaan Chattrath, Khushi Khandelwal
- 2022 Felicia Yan, Victor Kuan [c.50], Gargi Panatula [c.50], Michelle Weng [c.50], Savanna Yee, Andre Ye (**CRA Undergraduate Research Award finalist**) [c.47], Simona Liao, Tony Li (now Ph.D. at UCSD CS) [c.40][c.61], Lin Qiu [c.55], Shreya Sathyanarayanan, Kianna Bolante (**CRA Undergraduate Research Award winner**) [c.54]
- 2021 Renee Wang [c.61], Anson Huang, Adithi Raghavan, Ryan Li, Detlef Knauss [c.34], Simran Malhi, Sumedha Kanumuri
- 2020 Emelia May Hughes (now Ph.D. at Notre Dame CS) [c.61], Skyler Hallinan

UW Summer Interns

- 2024 Leon Liebmann, UW.
- 2023 Philip Baillargeon, Stanford University.
Anisa Callis, Penn State University
Katie Yurechko, Washington and Lee University. Now Marshall Scholar.
Brooke Fox Nelson, high school intern
- 2022 Kianna Bolante, UW. [c.54]
Teanna Barrett, Howard University. Now Ph.D. at UW CSE. [c.42]
Kevin Chen, high school intern. [c.54]
- 2021 Alice Zhang, University of Minnesota. Now Ph.D. at CMU HCII. [c.34]

Other Summer Interns

- 2023 Jeongyeon Kim, Stanford University, Allen Institute of AI
- 2022 Tae Soo Kim, KAIST, Allen Institute of AI. (**AI2 Intern of the Year 2023**). [c.48]
Srishti Palani, UCSD, Allen Institute of AI. [c.38]
Nouran Soliman, MIT, Allen Institute of AI. (**CHI Best Paper Award**). [c.59]
- 2021 Napol Rachatasumrit, CMU, Allen Institute of AI. [c.33]

MIT and Harvard Masters Theses

- 2020 Sunny Tian, MEng Computer Science. “*A System for Interleaving Discussion and Summarization in Collaborative Document Writing*”. (**ACM CHI 2020 Student Research Competition winner**). Now at Google. [c.25][p.7]
- 2019 Jenny Fan, Masters in Design Engineering @ Harvard. “*Digital Juries: A Civics-Oriented Approach to Platform Governance*”. Berkman Klein Center Assembly Fellow 2020. [c.21][p.5]
Janet Sung, Masters in Design Engineering @ Harvard. Now at Twitter. [d.4]
- 2018 Prateek Kukreja, MEng Computer Science. “*Assessing the impact of annotation on understanding and retaining online news articles*”. Now cofounder at SelfSci.
- 2017 Kaitlin Mahar, MEng Computer Science. “*Squadbox: A Tool to Combat Email Harassment Using*

Friendsourced Moderation". Now at MongoDB. [c.13]

Jessica Wang, MEng Computer Science, "A System for Generating Empathy across Ideological Divides by Surfacing Moral Framing in News". Now at Figma. Schwarzman Scholar 2020. [c.31]

Stanford and MIT Undergraduates

- 2020 (Stanford) Grant Hugh [c.26], Ricky Grannis-Vu, Sreya Guha, Evan Yong-Seok Kim
 2019 Hyunjong Lee (KAIST), Eric Lin
 2018 Helen He, Kifle Woldu (SuperUROP), Julia Wu, Jenning Chen, Catherine Yao
 2017 Jane Im (now Ph.D. student at UMich) [c.16], Sunny Tian [c.25], Oliver Dunkley, Deepankar Gupta
 2016 Kelly Zhang, Joy Yu, Joshua Blum (now at Keybase) [c.8]
 2015 Bradley Eckert
- 2013–2017 Resident Tutor, **Cabot House, Harvard University**, Cambridge, MA
 Perform residential duties at undergrad house of 200+ students, including study breaks, on-call help. 4 hours weekly of career advising, computer science tutoring, careers event planning. Individual mentorship paired with 7 incoming sophomores each year.

SELECTED MEDIA COVERAGE

- 2024 [Increase in false online content spurs need for new detection tools.](#)
Pittsburgh Post-Gazette. Hanna Webster. June 22, 2024.
- [Can Wikipedia-like citations on YouTube curb misinformation?](#)
UW News. Stefan Milne. May 9, 2024.
- [For more open and equitable public discussions on social media, try "meronymity".](#)
MIT News. Adam Zewe. April 18, 2024.
- 2023 [‘The architects of our digital spaces’: How researchers in the Allen School’s Social Futures Lab are making social media better by design.](#)
UW Allen School News. Kristin Osborne. Nov 30, 2023.
- [Democratizing power in online communities.](#)
New_Public. Josh Kramer. Nov 26, 2023.
- [How can social media be better? Four UW researchers compare strategies.](#)
UW News. Stefan Milne. Oct 24, 2023.
- 2022 [Algorithms and the Perceived Legitimacy of Content Moderation.](#)
Stanford HAI Policy Briefs.
- [Empowering social media users to assess content helps fight misinformation.](#)
MIT News.
- [Protecting messaging app users while safeguarding privacy.](#)
National Science Foundation. Jason Bates. Feb 2, 2022.
- 2021 [Podcast on Reimagining the Internet.](#)
The Institute for Digital Public Infrastructure. Ethan Zuckerman. Jan 13, 2021.
- 2020 [The Growing Case for Moderation Juries.](#)
Everything in Moderation. Ben Whitelaw. Jul 10, 2020.

Neighborhood listservs see a shift in mission during the coronavirus pandemic.
Washington Post. Justin Wm. Moyer. May 22, 2020.

Meet ScrAPIr, MIT's Swiss army-knife for non-coders to shake data out of APIs.
The Register. Thomas Claburn. May 21, 2020.

Searching websites the way you want.
MIT News. Adam Conner-Simons. May 18, 2020.

A Roundtable on Facebook's Oversight Board.
Galley by Columbia Journalism Review. Moderated by Mathew Ingram. May 15, 2020.

Talking with Amy Zhang about Models for Platform Governance.
Galley by Columbia Journalism Review. Mathew Ingram. Mar 31, 2020.

Doing Social Media Justice.
Harvard SEAS News. Adam Zewe. Mar 24, 2020.

2019 [Better Email Automation](#).
MIT News. Rachel Gordon. Apr 29, 2019.

2018 [Get to Know Berkman Klein Fellow Amy Zhang](#).
Berkman Klein Center. Adam Nagy and Mai ElSherief. Dec 10, 2018.

[Predictive Model Identifies Wikipedia Arguments that Will Never Get Resolved](#).
Campus Technology. Dian Schaffhauser. Nov 27, 2018.

[A Third of Wikipedia Discussions Are Stuck in Forever Beefs](#).
Vice Motherboard. Samantha Cole. Nov 7, 2018.

[10 out of 200: Fighting harassment—Amy X. Zhang improves our social media environment](#).
Heidelberg Laureate Forum. Von Jens-Steffen Scherer. Sept 20, 2018.

[Inside MIT'S AI Workshop \(included segment on Squadbox\)](#).
BBC Click TV Program. Hosted by Spencer Kelly. Jul 7, 2018.

[Creating a circle of trust](#).
Gates Cambridge. Mandy Garner. Jun 22, 2018.

[These academics are on the frontlines of fake news research](#).
Poynter Institute. Daniel Funke. May 8, 2018.

[MIT creates tool to help curb cyber bullying](#).
Channel 7 News Boston TV Program. Apr 9, 2018.

[New software by MIT, dubbed 'Squadbox,' hopes to combat cyberbullying](#).
ABC News. Dr. Laura Shopp. Apr 8, 2018.

[With Squadbox, friends moderate harassing messages in your email](#).
Engadget. Mallory Locklear. Apr 6, 2018.

[MIT has a new tool to combat online harassment: your friends](#).
The Verge. Shannon Liao. Apr 5, 2018.

[MIT researchers created a new tool that lets your 'squad' combat online harassment](#).
Business Insider. Rachel Sandler. Apr 5, 2018.

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- This MIT Tool enlists your squad to stop toxic internet harassers.
Fast Company Co.Design. Katharine Schwab. Apr 5, 2018.
- 2017 An Open Tool to Fight Harassment - Squadbox | An Open Project Spotlight.
Mozilla Open Leaders. Dec 15, 2017
- The Credibility Coalition is working to establish the common elements of trustworthy articles.
Journalism.co.uk. Catalina Albeanu. Oct 30, 2017.
- Wikimedia Research Newsletter, June 2017 (section on Wikum).
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- Coarse Discourse: A Dataset for Understanding Online Discussions.
Google AI Blog. Praveen Paritosh. May 16, 2017.
- Cutting down the clutter in online conversations.
MIT News. Rachel Gordon. Mar 9, 2017.
- 2016 Eyebrowse project lets users make web browsing history public.
CBC News and Public Radio Program. Dan Misener. Mar 08, 2016.
- MIT's Eyebrowse lets users make their browsing history public.
ComputerWorld. Sharon Gaudin. Mar 8, 2016.
- Eyebrowse Aims to Socialize Your Web Surfing Experience
Inverse. Joe Carmichael. Mar 7, 2016.
- MIT proposes 'Eyebrowse' scheme to rank and review the entire internet.
The Stack. Martin Anderson. Mar 7, 2016.
- System lets web users share aspects of their browsing history with friends.
Phys.org. Larry Hardesty. Mar 7, 2016.
- 2015 One way to reduce email stress: Re-invent the mailing list.
MIT News. Adam Conner-Simons. Apr 27, 2015.
- 2014 Why Media Bias Has Nowhere to Run and Hide from Data Science.
CrowdFlower. Renette Youssef. Dec 19, 2014.

PUBLIC SERVICE & EXTRACURRICULARS

- 2021– Board Member, **DemocracyLab**
Nonprofit dedicated to supporting civic technology volunteering projects.
- 2021– Invited Member, **Coalition for Content Provenance and Authenticity (C2PA)**
Contributing to the UX Working Group towards providing guidelines and recommendations on technical standards for certifying the provenance of media content.
- 2020– Research Director, **MetaGovernance Project**
Community dedicated to research and practice in online governance design and experimentation. Weekly public seminar. Received grant from Grant for the Web, OneProject, and the Luce Foundation to develop governance standards and architecture.
- 2020–2021 Member, **ACM Future Computing Academy**
Organization to start new initiatives in the ACM.
- 2017– Founding Member, **Credibility Coalition**

- Organization to support research on indicators for news credibility. Led first research project [c.14], leading UX working group. Received grants from Google News Initiative, Facebook Journalism Project, Craig Newmark Philanthropies.
- 2018–2019 Member, **Berkman Klein Center/MIT Media Lab AI Assembly**, Cambridge, MA
Selected to participate in a semester-long collaborative development project to explore issues in the ethics and governance of AI. Conducting interviews and surveys of municipal leaders.
- Nov 2017 Coordinator, **Collective Intelligence for Democracy, MediaLab-Prado**, Madrid, ESP
Led a team of 7 people in a two-week hackathon on the Wikum project [c.11]. Demooded to Decide Madrid creators and Madrid city council. Presentation at Democratic Cities conference.
- Oct 29 2017 Facilitator, **Designing Against Online Harassment, Mozilla Festival**, London, UK
Co-facilitated design workshop on combating online harassment with 20 participants.
- Oct 28 2017 Facilitator, **Tackling the Misinformation Problem, Mozilla Festival**, London, UK
Co-facilitated workshop on tackling misinformation with 50 participants, organized by Meedan and Hacks/Hackers.
- Sept-Dec 2017 Participant, **Mozilla Open Leaders Program**, Online
Received weekly training and mentorship on open source leadership on the Squadbox project.
- 2016–2017 Co-Organizer, **CODEX Literary Hackathon, MIT Media Lab**, Cambridge, MA
Helped organize 2-day hackathon for 100 people on projects at the intersection of literature and technology.
- Jan 24 2015 Facilitator, **HackLearning Design Workshop**, MIT, Cambridge, MA
Taught user interface design course to 30 students at workshop sponsored by Accenture.
- 2014–2018 Volunteer Assistant Coach, **MIT Varsity Women's Tennis**, Cambridge, MA
- 2011–2012 1st Team, **Cambridge Varsity Women's Tennis Blues Squad**, Cambridge, UK
4 practices/week, weekly competitions in UK and Portugal, defeated Oxford at Varsity Match.
- 2007–2011 President, **Women in Computer Science at Rutgers**, New Brunswick, NJ
Organized career, social, and tutoring events and fundraising for Nigerian nonprofit W.TEC.
- 2007–2011 Captain, 1st position, **Rutgers Division I Varsity Women's Tennis**, New Brunswick, NJ
Led team of 8 players for 3 hours/day practices, weekly competitions, and travel. Big East.
- 2009–2011 Executive Board, **Rutgers Student-Athlete Advisory Committee**, New Brunswick, NJ
Organized volunteer, social events for student-athletes: soup kitchen, toy drive, fundraising.
- Athletic and Sportsmanship/Leadership Awards**
- 2012 Awarded a Cambridge Full Blue for defeating Oxford at Annual Oxbridge Varsity Match
- 2011 National Arthur Ashe Jr. Sportsmanship and Leadership Award (presented at U.S. Open)
Academic National All-American 3rd Team
Big East Postgraduate Leadership Award - \$7,500
Big East Scholar Athlete of the Year - \$7,000
Rutgers Athletic Dept. Headley-Singer Award, Sonny Werblin Award, and Leadership Award
Voted Captain of the Tennis Team
Ranked nationally in doubles, regionally in the Northeast U.S. in singles
- 2010 Voted Most Valuable Player
New Jersey Assoc. of Intercollegiate Athletics for Women – Rutgers Woman of the Year

2009 Big East Conference Sport Excellence Award
New Jersey Female Athlete of the Year
2008 Rutgers Freshman Athlete of the Year
Awarded Full Athletic Scholarship to Rutgers