

Motahhare Eslami
(Motahareh Eslamimehdiabadi)

Carnegie Mellon University, School of Computer Science
Human-Computer Interaction Institute

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APPOINTMENTS

- Associate Professor, Carnegie Mellon University, School of Computer Science 2026-Present
 - Assistant Professor, Carnegie Mellon University, School of Computer Science 2020-2026
Human-Computer Interaction Institute (HCII) & Software and Societal Systems Department (S3D)
 - Researcher, Meta 2019-2021
 - Graduate Research Assistant, Computer Science Department, 2012-2019
University of Illinois at Urbana-Champaign
 - Research Intern, Adobe Research, San Francisco, CA Spring & Summer 2017
 - Research Intern, Max Planck Institute for Software Systems Fall 2015
 - Graduate Research Assistant, Computer Engineering Department, 2009-2012
Sharif University of Technology
 - Undergraduate Research Assistant, Computer Engineering Department, 2007-2009
Sharif University of Technology
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EDUCATION

Ph.D., Computer Science, University of Illinois at Urbana-Champaign 2019
Thesis: “Participating and Designing around Algorithmic Sociotechnical Systems”
Committee: Karrie Karahalios, Christian Sandvig, Brian Bailey, Hari Sundaram, Kevin Hamilton

M.Sc., Computer Engineering, Sharif University of Technology 2011

B.Sc., Computer Engineering, Sharif University of Technology 2009

HONORS AND AWARDS

- **Best Paper Award**, ACM CHI [c40] 2026
- **Best Paper Award**, ACM CSCW [j16] 2025
- **2 Best Paper Honorable Mention Awards**, ACM CHI [c29, c30] 2025
- **Google Academic Research Award**, Society-Centered AI 2024
- **Best Paper Award**, AAAI HCOMP [c26] 2024
- **Best Paper Award**, ACM CHIWork [c23] 2024
- **Inaugural Member of the Steering Council on Knight-Georgetown Institute** 2024
one of 14 selected scholars and policy experts to advise the institute connect independent research with technology policy and design
- **Microsoft AI & Society Fellow** 2024
- **Google Research Scholar Award** 2024
- **Recognition for Contribution to Diversity and Inclusion**, ACM CSCW [j8] 2023
- **Teaching Innovation Award**, Carnegie Mellon University 2023
- **Honorable Mention Award for Best Paper**, ACM CHI [c18] 2023
- **Named one of “100 Brilliant Women in AI Ethics”** 2023

- **Honorable Mention Award for Best Paper**, ACM CSCW [j5] 2021
 - **Google PhD Fellowship** 2017-2020
 - **Best Reviewer Award**, International Conference on Web & Social Media (ICWSM) 2018
Awarded to the top 20 reviewers
 - **Heidelberg Laureate Forum Young Researcher** 2018
A prestigious international mathematics and computer science Forum (11% acceptance rate)
 - **C.W. Gear Outstanding Graduate Student Award** 2017
Awarded annually to a graduate student who has demonstrated excellence in research, Department of Computer Science at University of Illinois at Urbana-Champaign
 - **Adobe PhD Fellowship Finalist** 2017
 - **Saburo Muroga Endowed Fellowship** 2016
Awarded to outstanding graduate students in Computer Science, University of Illinois at Urbana-Champaign
 - **Feng Chen Memorial Award** 2016
Awarded to students who are first authors on a paper that has won a best paper award, Department of Computer Science, University of Illinois at Urbana-Champaign
 - **Facebook PhD Fellowship Finalist** 2016
 - **Selected for Rising Stars in EECS Workshop** 2015, 2016
 - **Best Paper Award**, ACM CHI [c6] 2015
 - **CS Grace Hopper Conference Scholarship**, University of Illinois at Urbana-Champaign 2014
 - **Honorable Mention in Facebook Midwest Regional Hackathon** 2013
 - **Exceptional Talent Award**, M.S., Computer Engineering (IT), Sharif University of Technology 2011
 - **3rd Rank in GPA**, M.S., Computer Engineering (IT), Sharif University of Technology 2011
 - **Exceptional Talent Award**, B.S., Computer Engineering (IT), Sharif University of Technology 2009
 - **1st rank in GPA**, B.S., Computer Engineering (IT), Sharif University of Technology 2009
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GRANTS

- [G21] **Apple** \$13,300
Workshop on Human-Centered Machine Learning PI, 2026-2027
- [G20] **eBay Research and University Partnership for Technology** \$100,000
Human-Agent Collaboration for Auditing Generative and Agentic AI Usage on E-Commerce Platforms PI
with Jason Hong, Ken Holstein, and Wesley Deng 2026-2027
- [G19] **Block Center for Society & Technology** \$50,000
"An Army of Me": Co-Evolution of Humans and AI Delegates in Social Contexts PI
with Maarten Sap & Kynneddy Smith 2026-2027
- [G18] **NSF AI Institute (with Amazon and Google)** \$20,000,000
The AI Institute for Collaborative Assistance and Responsive Interaction for Networked Groups (AI-CARING) Senior Personnel
with Georgia Institute of Technology, Oregon State University, University of Massachusetts Lowell, and Oregon Health & Science University 2021-2026
- [G17] **Society of Actuaries (SOA) Research Institute / University Partnerships for AI** \$60,000 (under negotiation)
Responsible and Impactful AI in Actuarial Science Co-PI
with Cleotilde Gonzalez, Sijia Xiao, John Zimmerman, and Aarti Singh 2025-2026

- [G16] **CMU-NIST Cooperative Research Center**
A Framework for Risk-Benefit Analysis in Early-Stage AI Innovation
with Sijia Xiao, John Zimmerman and Hoda Heidari

\$115,773
PI
2025-2026
- [G15] **SNU-CMU Program**
Human-centered Approach for Measuring Societal Biases in Vision Language Models
with Ken Holstein, Wesley Deng, Jason Hong, Adam Perer, Hong Shen,
Gunhee Kim, Eunhyu Park

\$54,999
PI
2025-2026
- [G14] **Google Academic Research Award**
Bias Awareness and Mitigation in Breast Cancer Risk Prediction for Marginalized Groups through Participatory AI
with Kayhan Batmanghelich

\$75,000
PI
2024-2025
- [G13] **Block Center for Society & Technology**
Procuring AI in Municipal Government
with Hoda Heidari, Ravit Dotan, Beth Schwanke, Nari Johnson

\$65,000
Co-PI
2025-2026
- [G12] **Block Center Society & Technology**
Generative AI Meets Responsible AI: Supporting Participatory AI Auditing of Generative AI Systems
with Wesley Deng, Ken Holstein, Jason Hong

\$65,000
PI
2025-2026
- [G11] **Notre Dame-IBM Technology Ethics Lab**
Engaging End Users in Surfacing Harmful Algorithmic Behaviors in Large-scale AI Models
with Wesley Deng, Ken Holstein, Jason Hong

\$60,000
Co-PI
2024-2025
- [G10] **Microsoft AI & Society Fellowship**
Regulating AI in Light of the Challenges of Doing Responsible AI in Practice
with Wesley Deng, Ken Holstein, Jason Hong

\$45,000
Co-PI
2024-2025
- [G9] **Google Research Scholar Award**
Generative AI Meets Responsible AI: Supporting User-Driven Auditing of Generative AI Systems
with Ken Holstein

\$60,000
PI
2024-2025
- [G8] **Block Center Society & Technology**
Procuring AI in Municipal Government
with Hoda Heidari, Ravit Dotan, Beth Schwanke, Nari Johnson

\$48,000
Co-PI
2024-2025
- [G7] **PwC**
Scaffolding Responsible AI Practice at the Earliest Stages of Ideation
Problem Formulation and Project Selection
with Ken Holstein, John Zimmerman, Jodi Forlizzi, Haiyi Zhu, Hoda Heidari, Christian Kaestner

\$350,193
Co-PI
2022-2023
- [G6] **Block Center Society & Technology**
Bridging Policy Gaps in the Life Cycle of Public Algorithmic Systems
with Ken Holstein, Sarah Fox

\$80,000
PI
2022-2023
- [G5] **The Public Interest Technology University Network (PIT-UN) Challenge**
Developing Community-Led & Equity-Focused Public Interest Technology Curriculum

\$89,457
Co-PI

with Sarah Fox, Michael Skirpan, Hong Shen, Rayid Ghani	2022-2023
• [G4] NSF Program on Future of Work <i>Combining Human and Machine Intelligence to Improve Equity and Fairness in the Work of Municipal, Public Sector Decision Making</i> with John Zimmerman	\$150,000 PI 2021-2022
• [G3] NSF Program on Fairness in Artificial Intelligence (FAI) <i>Organizing Crowd Audits to Detect Bias in Machine Learning</i> with Jason Hong, Ken Holstein, Hong Shen, Adam Perer, and Nihar Shah	\$1,000,000 Co-PI 2021-2024
• [G2] Facebook Research <i>Human-AI Collaborative Intelligence: The Roles and Interactions of Human & AI in Content Enforcement Systems</i> with Heidi Soedarmo	\$50,000 PI 2021
• [G1] Cisco Research, Ethics in AI <i>Harnessing Everyday Users' Collective Power to Audit Algorithmic Bias in AI Systems</i> with Jason Hong, Ken Holstein, Hong Shen, Adam Perer, and Nihar Shah	\$100,000 PI 2021-2022

PUBLICATIONS

Book

- [b1] M. Aidinoff, L. Armstrong, E. Bhandari, E. Biddle, **M. Eslami**, K. Karahalios, N. Matias, D. Metaxa, A. Nelson, C. Sandvig, K. Vaccaro (Authors ordered alphabetically), *Auditing AI*, Cambridge: MIT Press, 2026.

Book Chapters

- [bc3] S. Hassan, **M. Eslami**, N. Mattei, A. Culotta, J. Zimmerman. *Handbook of Disruptive Urban Technologies and Society*, Chapter: AI In The Public Sphere: Citizen Engagement and Governance. under contract, forthcoming 2026.
- [bc2] W. Deng, K. Holstein, **M. Eslami**. *Handbook of Human-Centered AI*, Chapter: Participatory AI Auditing: Supporting Public Engagement in AI Auditing, under contract, forthcoming 2026.
- [bc1] **M. Eslami** and H. Hendrik Heuer. *Revisiting Transparency Efforts in Algorithmic Regimes*. Invited Chapter in "Algorithmic Regimes: Methods, Interactions, and Politics", Editors: J. Jarke, B. Prietl, S. Egbert. Y. Boeva, H. Heuer, M. Arnold, 2024.

Refereed Journal Papers

- [j18] I. Mattsson, M. L. Chang, N. Nikookar, J. Kim, **M. Eslami**, Alex London, *The Ethics of AI Systems that Emulate Identifiable Individuals: Challenges for Value Aligned Development*. AI & Ethics Journal, Springer Nature, 2026.
- [j17] N. Nikookar, A. Sinha, S. Deshpande, P. Ayati, A.O. Sawyer, **M. Eslami**, M. Goel, and S. Rockcastle, *Affective Lighting in Built Environments: A Scoping Review of Evidence, Technologies, and Future Directions*. Building and Environment Elsevier Journal, p.114446, 2026.
- [j16] W. H. Deng, C. Wang, H. Han, J. Hong ⁺, K. Holstein ⁺, **M. Eslami**⁺. *WeAudit: Scaffolding User Auditors and AI Practitioners in Auditing Generative AI*, (⁺: equal contribution), Proceedings of ACM in Human Computer Interaction (CSCW), 2025. **Best Paper Award (top 1% of submissions)**

- [j15] C. Sum, J. Zhi, A. Cook, Dr P. J. Cooper, A. Lozano, TJ Johnson, J. Perez, R. Ghani, M. Skirpan, **M. Eslami**, H. Shen, S. Fox. “You’re in a Ferrari. I’m Waiting for the Bus”: *Confronting Tensions in Community-University Partnerships*. Proceedings of ACM in Human Computer Interaction (CSCW), 2025.
- [j14] S. Kim, Y. Bai, H. Zhu, and **M. Eslami**. *Systematic Literature Review on Equity and Technology: Navigating the Complexities and Nuances of Equity Research*. Proceedings of ACM in Human Computer Interaction (CSCW), 2025.
- [j13] S. Kim, B. Fan, W. Yang, Y. Li, J. Ho, S. Fox, J. Ramey, H. Zhu, J. Zimmerman, **M. Eslami**. *Designing for Equity in Public Sector Data-Driven Innovations: Exploring the Desired Futures of Underserved Stakeholders*, Proceedings of ACM in Human Computer Interaction (PACM), CSCW, 2024. [Acceptance Rate $\sim$ 26%]
- [j12] F. Alizadeh, D. Lawo, J. Kruger, G. Stevens, **M. Eslami**. *When the “Matchmaker” Does Not Have Your Interest at Heart: Understanding Algorithmic Damages to Relationship-Building and Users’ Power Struggles on Tinder Platform*, Proceedings of ACM in Human Computer Interaction (PACM), CSCW, 2024. [Acceptance Rate $\sim$ 26%]
- [j11] Y. Xu, Li., W. Peng, S. Jia, K. Morrison, A. Perer, A. Zandifar, S. Visweswaran, **M. Eslami**, and K. Batmanghelich. *MedSyn: Text-guided Anatomy-aware Synthesis of High-Fidelity 3D CT Images*. IEEE Transactions on Medical Imaging, 2024.
- [j10] S. Singlaa, **M. Eslami**, B. Pollackc, S. Wallaced, K. Batmanghelich, “*Explaining the Black-box Smoothly - A Counterfactual Approach*”, Medical Image Analysis, Elsevier Journal, 2023.
- [j9] A. London, Y. Razin, J. Borenstein, **M. Eslami**, R. Perkins, and P. Robinette *Ethical Issues in Near-Future Socially Supportive Smart Assistants for Older Adults*, IEEE Transactions on Technology and Society, 2023.
- [j8] J. Solyst, E. Yang, S. Xie, A. Ogan, J. Hammer, **M. Eslami**, *The Potential of Diverse Youth as Stakeholders in Identifying and Mitigating Algorithmic Bias for a Future of Fair AI*, Proceedings of ACM in Human Computer Interaction (PACM), 2023, CSCW. [Acceptance Rate 26%] **Recognition for Contribution to Diversity and Inclusion**
- [j7] J. Park, K. Karahalios, N. Salehi, and **M. Eslami**. *Power Dynamics and Value Conflicts in Designing and Maintaining Socio-Technical Algorithmic Processes*, Proceedings of ACM in Human Computer Interaction (CSCW), 2022.
- [j6] H. Shen* and A. DeVos*, **M. Eslami**⁺ and K. Holstein⁺. *Everyday Algorithm Auditing: Understanding the Power of Everyday Users in Surfacing Harmful Algorithmic Behaviors*. Proceedings of ACM in Human Computer Interaction (CSCW), 2021. (+: equal contribution)
- [j5] N. Karizat, D. Delmonaco, **M. Eslami**, N. Andalibi. *Algorithmic Folk Theories and Identity: How TikTok Users Engage in Algorithmic Resistance and Identity Co-Production*. Proceedings of ACM in Human Computer Interaction (CSCW), 2021. **Honorable Mention Award for Best Paper**
- [j4] J. Salminen, J. M. Santos, S. Jung, **M. Eslami**, and B. J. Jansen. *Persona Transparency: Analyzing the Impact of Explanations on Perceptions of Data-Driven Personas*, International Journal of Human-Computer Interaction, 2019.
- [j3] J. Kulshrestha, **M. Eslami**, J. Messias, M. B. Zafar, S. Ghosh, K. P. Gummadi, and K Karahalios. *Search bias quantification: investigating political bias in social media and web search*. Information Retrieval Journal, 1-40, 2018.
- [j2] E. S. Hosseini, V. Esmaealzadeh, and **M. Eslami**. *A Hierarchical Sub-Chromosome Genetic Algorithm (HSC-GA) to Optimize Power Consumption and Data Communications Reliability in Wireless Sensor Networks*. Wireless Personal Communications (Springer). Vol. 80, no. 4, pp. 1579-1605, Oct. 2014.
- [j1] P. Siyari, H. R. Rabiee, M. Salehi, and **M. Eslami**. *Network Reconstruction under Compressive Sensing*. ASE Human Journal. Vol.1, issue 3, pp. 130-143, 2012.

Refereed Conference Papers

- [c44] E. Park, W. Deng, G. Kim, **M. Eslami**, M. Sap. *Cognitive Chain-of-Thought (CoCoT): Structured Multimodal Reasoning about Social Situations*, Conference on Language Modeling (COLM), 2026.
- [c43] M. Eslami, S. Xie, N. Nikookar, M.L. Chang, C. Peng, J. Kim, J. Zimmerman, H. Heidari. *From Concepts to Practice: Challenges of Risk-Benefit Assessment in AI Research & Applications*, ACM FAccT, 2026.
- [c42] S. Kim, K. Morrison, N. Tan, K. Turner, H. Zhu, **M. Eslami**. *Surfacing Design Tensions and Opportunities for AI-Mediated Pre-diagnostic Risk Communication for Breast Cancer Care*, ACM Designing Interactive Systems (DIS), 2026.
- [c41] J. Solsyst, C. Peng, P. Pratapa, C. Wang, A. Ogan, J. Hammer, M. Madio, **M. Eslami**. *Protection or Empowerment? AI Practitioner, Youth, and Parent Perspectives on Youth-Inclusive Responsible AI*, Interaction Design and Children (IDC) Conference, 2026.
- [c40] N. Nahar, C. Yang, Y. Chen, W. Deng, K. Holstein, **M. Eslami**, C. Kastner. *“I Don’t Think RAI Applies to My Model”: Engaging Non-champions with Sticky Stories for Responsible AI Work Early Abstract*, To appear ACM Conference on Human Factors in Computing Systems (CHI), 2026. **Best Paper Award (top 1% of submissions)**
- [c39] Y. Huang, W. Deng, S. Xiao, **M. Eslami**, J. Hong, A. Narechania, A. Perer. *Vipera: Blending Visual and LLM-Driven Guidance for Systematic Auditing of Text-to-Image Generative AI*, To appear at ACM Conference on Human Factors in Computing Systems (CHI), 2026.
- [c38] S. Xie, S. Xiao, C. Peng, G. Mani, J. Zimmerman, **M. Eslami**. *Investigating How Leaders Decide on AI Innovations: Opportunities for HCI*, To appear ACM Conference on Human Factors in Computing Systems (CHI), 2026.
- [c37] S. Xiao, H. Zou, A. Q. Zhang, D. Kumar, H. Shen, J. Hong, **M. Eslami**. *What Comes After Harm? Mapping Reparative Actions in AI through Justice Frameworks*, AAAI/ACM conference on AI, Ethics, and Society (AIES), 2025.
- [c36] K. Morrison, A. Mathur, A. Bradshaw, T. M. Wartmann, W. Dai, S. Lundi, A. Zandifar, K. Batmanghelich, **M. Eslami**⁺, A. Perer⁺. *Opportunities & Challenges in Designing Text-to-Image Generative AI for Medical Education, Training, & Practice*, (+: equal contribution), AAAI/ACM conference on AI, Ethics, and Society (AIES), 2025.
- [c35] M. Zheng, W. Hu, P. Zhao, **M. Eslami**, J.D. Hwang, F. Brahman, C. Rose, M. Sap. *Let Them Down Easy! Contextual Effects of LLM Guardrails on User Perceptions and Preferences*, EMNLP 2025.
- [c34] **M. Eslami**⁺, S. Fox⁺, B. Fan, H. Shen^{*}, Y. Li^{*}, R. Farzan^{*}, Beth. Schwanke^{*}. *“From Margins to the Table: Charting the Potential for Public Participatory Governance of Algorithmic Decision Making*, (+: equal contribution, *: equal contribution), ACM Conference on Fairness, Accountability, and Transparency (FAccT), 2025.
- [c33] J. Solyst, C. Peng, W. Deng, P. Pratapa, A. Ogan, J. Hammer, J. Hong, **M. Eslami**. *Investigating Youth AI Auditing*. ACM Conference on Fairness, Accountability, and Transparency (FAccT), 2025.
- [c32] N. Johnson, E. Silva, H. Leon, **M. Eslami**, B. Schwanke, R. Dotan, H. Heidari. *Public Procurement for Responsible AI? Understanding U.S. Cities’ Practices, Challenges, and Needs*. ACM Conference on Fairness, Accountability, and Transparency (FAccT), 2025.
- [c31] J. Solyst⁺, M. Pan⁺, A. Andam, I. Portillo, **M. Eslami**, A. Ogan, J. Hammer, A. Stewart. *“Critical AI Literacy through Exploring Generative AI Limitations*. The International Society of Learning Science (ISLS), 2025.
- [c30] S. Xie, J. Zimmerman, **M. Eslami**. *Exploring What People Need to Know to be AI Literate: Tailoring for a Diversity of AI Roles and Responsibilities*, ACM Conference on Human Factors in Computing Systems (CHI), 2025. [Acceptance Rate: 27%] **Honorable Mention Award for Best Paper (top 5% of submissions)**
- [c29] S. Kapania, W. Agnew, **M. Eslami**⁺, H. Heidari⁺, S. Fox⁺. *Simulacrum of stories: Examining Large Language Models as Qualitative Research Participants*, (+: equal contribution), ACM Conference on Human Factors in Computing Systems (CHI), 2025. [Acceptance Rate: 27%] **Honorable Mention Award for Best Paper (top 5% of submissions)**

- [c28] Q. Xiao, X. Fan, F. Simon, B. Zhang, **M. Eslami**. “*It Might be Technically Impressive, But It’s Practically Useless to us*”: Practices, Challenges, and Opportunities for Cross-Functional Collaboration around AI within the News Industry, ACM Conference on Human Factors in Computing Systems (CHI), 2025. [Acceptance Rate: 27%]
- [c27] J. Solyst, E. Amspoker, E. Yang, **M. Eslami**, J. Hammer and A. Ogan. *RAD: A Framework to Support Youth in Critiquing AI*. Computer Science Education (SIGCSE), 2025.
- [c26] [c26] S. Kingsley, J. Zhi, W. Deng, J. Lee, S. Zhang, **M. Eslami**, K. Holstein, J. Hong., T. Li, & H. Shen. *Investigating what factors influence users’ detection of harmful algorithmic bias and discrimination*. The AAAI Conference on Human Computation and Crowdsourcing (HCOMP), 2024. **Best Paper Award (awarded to the top paper)**
- [c25] N. Johnson, S. Moharana, C. Harrington, N. Andalibi, H. Heidari⁺, **M. Eslami**⁺. *The Fall of an Algorithm: Characterizing the Dynamics Toward Abandonment*. ACM Conference on Fairness, Accountability, and Transparency (FAccT), 2024. [Acceptance Rate: 24.1%]
- [c24] A. DeVrio, **M. Eslami**⁺, K. Holstein⁺, *Building, Shifting, & Employing Power: A Taxonomy of Responses From Below to Algorithmic Harm*, (⁺: equal contribution), ACM Conference on Fairness, Accountability, and Transparency (FAccT), 2024. [Acceptance Rate: 24.1%]
- [c23] S. Kim, B. Fan, W. Yang, J. Ramey, S. Fox, H. Zhu, J. Zimmerman and **M. Eslami**. *Public Technologies Transforming Work of the Public and the Public Sector*, CHIWork, 2024. **Best Paper Award (awarded to the top paper)**
- [c22] S. Kingsley, C. Wang, R. Lambeth, M.S. Silberman, **M. Eslami**, B. Li, J. Bigham. “*Your Duties Are To Sweep A Floor Remotely*”: Low Information Quality in Job Advertisements is a Barrier to Low-Income Job-Seekers’ Successful Use of Digital Platforms, CHIWork, 2024.
- [c21] J. Solyst, E. Yang, S. Xie, J. Hammer, A. Ogan, **M. Eslami**, *Children’s Overtrust and Shifting Perspectives of Generative AI*, The International Conference of the Learning Sciences (ICLS), 2024.
- [c20] W. Deng, N. Yildirim, M. Chang, **M. Eslami**, K. Holstein and M. Madaio, *Exploring Opportunities to Support Cross-functional Collaboration for AI Fairness in Industry Practice*, ACM Conference on Fairness, Accountability, and Transparency (ACM FAccT), 2023.
- [c19] R. Li, S. Kingsley, C. Fan, P. Sinha, N. Wai, J. Lee, H. Shen, **M. Eslami**, J. Hong. *Participation and Division of Labor in User-Driven Algorithm Audits: How Do Everyday Users Work Together to Surface Algorithmic Harms?*, ACM Conference on Human Factors in Computing Systems (CHI), 2023. [Acceptance Rate: 27.6%]
- [c18] J. Solyst, S. Xie, E. Yang, A. Stewart, **M. Eslami**, J. Hammer, A. Ogan. “*I Would Like to Design*”: Black Girls Analyzing and Ideating Fair and Accountable AI. ACM Conference on Human Factors in Computing Systems (CHI), 2023. [Acceptance Rate: 27.6%] **Honorable Mention Award for Best Paper**
- [c17] W. Deng, B. Guo, A. DeVrio, H. Shen, **M. Eslami**⁺, K. Holstein⁺, *Understanding Practices, Challenges, and Opportunities for User-Engaged Algorithm Auditing in Industry Practice*, (⁺: equal contribution), ACM Conference on Human Factors in Computing Systems (CHI), 2023. [Acceptance Rate: 27.6%]
- [c16] S. Kingsley, P. Sinha, C. Wang, **M. Eslami**, and J. Hong; “*Give everybody [...] a little bit more equity*”: Content Creator Perspectives and Responses to Algorithmic Demonetization of Content Associated with Marginalized Communities, Proceedings of ACM in Human Computer Interaction (CSCW), 2022.
- [c15] J. Solyst, A. Axon, A.E.B. Stewart, **M. Eslami**, and A. Ogan. Investigating Girls’ Perspectives and Knowledge Gaps on Ethics and Fairness in Artificial Intelligence in a Lightweight Workshop. The International Conference of the Learning Sciences (ICLS), 2022.
- [c14] A. DeVos, A. Dhabalia, H. Shen, K. Holstein⁺, and **M. Eslami**⁺. *Toward User-Driven Algorithm Auditing: Investigating Users’ Strategies for Uncovering Harmful Algorithmic Behavior*. CHI 2022. (⁺: equal contribution) [Acceptance Rate: 24.7%] **Graduate Student Poster Grand Prize at Grefenstette Tech Ethics Symposium**

- [c13] J. Asplund, **M. Eslami**, H. Sundaram, C. Sandvig and K. Karahalios. *Auditing Race and Gender Discrimination in Online Housing Markets*. AAAI International Conference of Weblogs and Social Media (ICWSM), 2020.
- [c12] **M. Eslami**, K. Vaccaro, M. K. Lee, A. Elazari Bar On, E. Gilbert, and K. Karahalios. *User Attitudes towards Algorithmic Opacity and Transparency in Online Reviewing Platforms*. ACM Conference on Human Factors in Computing Systems (CHI), 2019. [Acceptance Rate: 23.8%]
- [c11] **M. Eslami**, S. R. Krishna Kumaran, C. Sandvig, K. Karahalios. *Communicating Algorithmic Process in Online Behavioral Advertising*. Proceedings of the ACM Conference on Human Factors in Computing Systems Conference (CHI), 2018. [Acceptance Rate: 26%]
- [c10] K. Vaccaro, D. Huang, **M. Eslami**, C. Sandvig, K. Hamilton, and K. Karahalios. *The Illusion of Control: Placebo Effects of Control Settings*. Proceedings of the ACM Conference on Human Factors in Computing Systems Conference (CHI), 2018. [Acceptance Rate: 26%]
- [c9] **M. Eslami**, K. Vaccaro, K. Karahalios, and K. Hamilton. *“Be careful; things can be worse than they appear”: Understanding Biased Algorithms and Users’ Behavior around Them in Rating Platforms*. The AAAI International Conference of Weblogs and Social Media (ICWSM), 2017. [Acceptance Rate: 14%]
- [c8] J. Kulshrestha, **M. Eslami**, J. Messias, M. B. Zafar, S. Ghosh, K. Gummadi, and K. Karahalios. *Quantifying Search Bias: Investigating Sources of Bias for Political Searches in Social Media*. Proceedings of the ACM Conference on Computer Supported Cooperative Work (CSCW), 2017. [Acceptance Rate: 34.5%]
- [c7] **M. Eslami**, K. Karahalios, C. Sandvig, K. Vaccaro, A. Rickman, K. Hamilton, and A. Kirlik. *First I “like” it, then I hide it: Folk Theories of Social Feeds*. Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI), 2016. [Acceptance Rate: 23.5%]
- [c6] **M. Eslami**, A. Rickman, K. Vaccaro, A. Aleyasen, A. Young, K. Karahalios, K. Hamilton, and C. Sandvig. *“I always assumed that I wasn’t really that close to [her]”: Reasoning about Invisible Algorithms in News Feeds*. Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI), 2015. [Acceptance Rate: 23%] **Best Paper Award**
- [c5] **M. Eslami**, A. Aleyasen, R. Zilouchian Moghadam and K. Karahalios. *Friend Grouping Algorithms for Online Social Networks: preference, bias, and implications*. International Conference on Social Informatics (SocInfo), 2014. [Acceptance Rate: 23%]
- [c4] **M. Eslami**, H. R. Rabiee, and M. Salehi. *Sampling from Diffusion Networks*. ASE and IEEE International Conference on Social Informatics, 2012. [Acceptance Rate: 11.5%]
- [c3] P. Siyari, H. R. Rabiee, M. Salehi and **M. Eslami**. *Network Reconstruction under Compressive Sensing*. ASE and IEEE International Conference on Social Informatics, 2012. [Acceptance Rate: 11.5%]
- [c2] **M. Eslami**, H. R. Rabiee, and M. Salehi. *Diffusion-Aware Sampling and Estimation in Information Diffusion Networks*. IEEE International Conference on Social Computing, 2012. [Acceptance Rate < 10%]
- [c1] **M. Eslami**, H. R. Rabiee, and M. Salehi. *DNE: A Method for Extracting Cascaded Diffusion Networks from Social Networks*. IEEE International Conference on Social Computing, 2011. [Acceptance rate: 9.8%]

Refereed Extended Abstracts & Workshop Papers

- [w22] S. Xie, M. Eslami, J. Zimmerman. *Strategies for Designing Responsibly within a Capitalist Enterprise*, ACM CHI workshop “Ethics at the Front-End”, 2026,
- [w21] W. Deng, S. Kim, A. Jha, K. Holstein, **M. Eslami**, L. Wilcox, L.A. Gatys. *Improving Automated LLM Evaluation by Introducing Personas in LLM Red-Teaming*. NeurIPS Workshop on LLM Evaluation, 2025.

- [w20] W. Deng, S. Kim, A. Jha, K. Holstein, **M. Eslami**, L. Wilcox, L.A. Gatys. *PersonaTeaming: Exploring How Introducing Personas Can Improve Automated AI Red-Teaming*. NeurIPS Workshop on Regulatable ML, 2025.
- [w19] A. Bradshaw, K. Morrison, A. Mathur, W. Dai, M. Eslami, K. Batmanghelich, A. Perer. *Toward Interpretable 3D Diffusion in Radiology: Token-Wise Attribution for Text-to-CT Synthesis*, MIDL 2025.
- [w18] Y. Huang, W. Deng, S. Xiao, **M. Eslami**, J. Hong, A. Perer *Vipera: Towards systematic auditing of generative text-to-image models at scale*, CHI Late Breaking work, 2025.
- [w17] N. Johnson, E. Silva, H. Leon, **M. Eslami**, B. Schwanke, R. Dotan, H. Heidari. *Public Procurement for Responsible AI? Understanding U.S. Cities’ Practices, Challenges, & Needs*, NeurIPS Workshop on Regulatable ML, 2024.
- [w16] Eric Gilbert, S. Schoenebeck, **M. Eslami**, C. Goray, *Sociotechnical Perspectives on Social Media Regulation*, CHI, Workshop on Designing Technology and Policy Simultaneously: Towards A Research Agenda and New Practice, 2023.
- [w15] **M. Eslami**, K. Holstein, S. Fox, A. Huq, *Bridging Policy Gaps between Technocratic and Democratic Approaches to Accountability Across the Lifecycle of Public Sector Algorithmic Systems*, CHI, Workshop on Designing Technology and Policy Simultaneously: Towards A Research Agenda and New Practice, 2023.
- [w14] S. Kim, B. Fan, W. Yang, Y. Li, J. Ho, S. Fox, J. Ramey, H. Zhu, J. Zimmerman, **M. Eslami**, *Designing for Equity in Public Sector Data-Driven Innovations and Implications for Policy*, CHI, Workshop on Designing Technology and Policy Simultaneously: Towards A Research Agenda and New Practice, 2023.
- [w13] W. Deng, **M. Eslami**, K. Holstein. *Towards “Anytime, Anywhere” Community Learning and Engagement around the Design of Public Sector AI*, CHI, AI Literacy Workshop, 2023.
- [w12] J. Solyst, E. Yang, S. Xie, A. Ogan, J. Hammer, **M. Eslami**, *Investigating Children’s Possible Role in Recognizing Algorithmic Bias and Defining Fairness in AI*, CHI, Workshop on Child-centred AI Design: Definition, Operation and Considerations (CCAI), 2023.
- [w11] **M. Eslami** and K. Karahalios. *Communicating the Algorithmic Self to Users*. The AAAI International Conference of Weblogs and Social Media (ICWSM), Workshop on Data Driven Persona and Human-Driven Analytics, 2018.
- [w10] **M. Eslami** and K. Karahalios. *Embracing Seamfulness and Uncertainty in Designing around Hidden Algorithms*. ACM Conference on Human Factors in Computing Systems (CHI), Workshop on Designing for Uncertainty in HCI: When Does Uncertainty Help?, 2017.
- [w9] **M. Eslami** and K. Karahalios. *Investigating Users’ Understanding of Invisible Algorithms and Designing around It*. The AAAI International Conference of Weblogs and Social Media (ICWSM), Workshop on Studying User Perceptions and Experiences with Algorithms, 2017.
- [w8] **M. Eslami**. *Understanding and Designing around Users’ Interaction with Hidden Algorithms in Socio-technical Systems*. ACM Conference on Computer Supported Cooperative Work (CSCW) Doctoral Colloquium, 2017.
- [w7] **M. Eslami**, A. Aleyasen, K. Karahalios, K. Hamilton and C. Sandvig. *FeedVis: A Path for Exploring News Feed Curation Algorithms*. ACM Conference on Computer Supported Cooperative Work (CSCW), Demonstration Paper, 2015.
- [w6] **M. Eslami**, A. Rickman, K. Vaccaro, A. Aleyasen, K. Karahalios, K. Hamilton, and C. Sandvig. *Exposure to the Invisible: Reasoning about Hidden Algorithms in the News Feed*, International Conference

on Computational Social Science (IC^2S^2), 2015.

[w5] **M. Eslami**. *Exposure to the Invisible: Algorithm Awareness from the Individual to the Collective*. CSL Student Conference, University of Illinois at Urbana-Champaign, 2015.

[w4] K. Hamilton, K. Karahalios, C. Sandvig and **M. Eslami**. *A Path to Understanding the Effects of Algorithm Awareness*. Alt.Chi: Extended Abstracts of the ACM Conference on Human Factors in Computing Systems (CHI), 2014.

[w3] N. Spirin, **M. Eslami**, J. Ding, P. Jain, B. Bailey and K. Karahalios. *Searching for Design Examples with Crowdsourcing*. International World Wide Web Conference (WWW) Poster, 2014.

[w2] **M. Eslami**, A. Aleyasen, R. Zilouchian Moghadam and K. Karahalios. *Evaluation of Automated Friend Grouping in Online Social Networks*. Extended Abstracts of the ACM Conference on Human Factors in Computing Systems (CHI), 2014.

[w1] **M. Eslami**, A. Aleyasen and K. Karahalios. *Make Community Detection More Human*. The Human Computer Interaction Consortium (HCIC) Boaster, 2013.

Organized Events (e.g. Workshops, Tutorials, Panels)

[e16] Malik Khadar, Julia Cecil, Leon Van Der Neut, Nikola Banovic, Kevin Baum, Stevie Chancellor, Enrico Costanza, **Motahhare Eslami**, Anna Maria Feit, Susanne Gaube, Ujwal Gadiraju, Harmanpreet Kaur. *AI CHAOS! 2nd Workshop on the Challenges for Human Oversight of AI Systems*. ACM CHI workshop, 2026.

[e15] van der Maden, W., Hanwen Deng, W., Liu, Y.L., Jiang, H., Chen, V., Li, H., Kim, J., Liao, Q.V., Xu, W., **Eslami, M.** and Xiao, Z., 2026, April. *Third Workshop on Human-Centered Evaluation and Auditing of Language Models: AI Agents-in-the-Loop*. ACM CHI workshop, 2026.

[e14] D. Wang, R. Denton, A. Sinha, S. Sheth, L. Wilcox, M. Mustafa, **M. Eslami**, K. Holstein, M. Sap, A. D. R. Smith, A. Parker, N. Kumar, N. Karusala, T. Dillahun, J. Katzman. *Unanticipated Lessons from Communities: Navigating Society-Centered Research in the AI Era*. SIG session, CHI 2025.

[e13] Y. Liu, W. Deng, M. Lam, **M. Eslami**, J. Kim, Q.V. Liao, W. Xu, J. Novikova, Z. Xiao. *Human-Centered Evaluation and Auditing of Language Models*, CHI workshop, 2025.

[e12] D. Saxena, Z. Kahn, E. Seh-Young Moon, L. M. Chambers, C. Jackson, M. K. Lee, **M. Eslami**, S. Guha, S. Erete, L. Irani, D. Mulligan, J. Zimmerman. *Emerging Practices in Participatory AI Design in Public Sector Innovation*, CHI workshop, 2025.

[e11] S. Schoenebeck, H. Griffin, **M. Eslami**, B. Newfold, A. Monroy-Hernandez, L. Terveen. *Social Technologies: Why we can't live with them and can't live without them* American Association for the Advancement of Science (AAAS), 2025.

[e10] S. Schoenebeck, **M. Eslami**, E. Gilbert, K. Karahalios, D. Karger. *The Future of Research on Social Technologies*, CSCW Panel, 2024.

[e9] J. Hsieh, A. Zhang, S. Kim, VN. Rao, S. Dalal, A. Mateescu, R.D. Nascimento Grohmann, **M. Eslami**, M.K. Lee, H. Zhu. *Worker Data Collectives as a means to Improve Accountability, Combat Surveillance and Reduce Inequalities*, CSCW Workshop, 2024.

[e8] W. Deng, G. Berman, H. Kaur, R. Schwartz, M. A. A. Ibrahim, **M. Eslami**, K. Holstein, M. Madaio. *Collaboratively Designing and Evaluating Responsible AI Interventions*. Special Interest Groups (SIG) at CSCW, 2024.

- [e7] S. Hassan, S. M. Noor Asad, **M. Eslami**, N. Mattei, A. Culotta, J. Zimmerman. *PACE: Participatory AI for Community Engagement*, Workshop at AAAI Conference on Human Computation and Crowdsourcing (HCOMP), 2024.
- [e6] W. Deng, M. Yurrita, M. Diaz, J. Suh, N. Judd, L. Groves, H. Shen, **M. Eslami**, K. Holstein. . *Responsible Crowdsourcing for Responsible Generative AI: Engaging Crowds in AI Auditing and Evaluation* Workshop at AAAI Conference on Human Computation and Crowdsourcing (HCOMP), 2024.
- [e5] Z. Xiao, WH Deng, MS Lam, **M Eslami**, J Kim, M Lee, QV Liao. *Human-centered Evaluation and Auditing of Language Models*, workshop at CHI, 2024.
- [e4] **M. Eslami**, E. Gilbert, S. Schoenebeck, *The Future of Research on Social Technologies*, Computing Community Consortium (CCC), A workshop gathering a group of pioneers of the field of social computing to discuss the future of the field, 2023.
- [e3] W. Deng, MS. Lam, AA. Cabrera, D. Metaxa, **M Eslami**, K Holstein. *Supporting User Engagement in Testing, Auditing, and Contesting AI*. Workshop at Computer Supported Cooperative Work and Social Computing (CSCW), 556-559, 2023.
- [e2] W. Deng , S. Kapania, K Holstein, **M. Eslami**, L. Wilcox, Su Lin Blodgett , D. Metaxa, N. Diakopoulos, K.e Karahalios , S. Mishra, C. Wilson. *User Engagement in Algorithm Testing and Auditing: Exploring Opportunities and Tensions between Practitioners and End Users*. CRAFT (Critiquing and Rethinking Fairness, Accountability, and Transparency) Session, ACM Conference on Fairness, Accountability, and Transparency (ACM FAccT), 2023.
- [e1] L. Stapleton, D. Saxena, A. Kawakami, T. Nguyen, A. Ammitzbøll Flügge, **M. Eslami**, N. Holten Møller, M. Lee, S. Guha, K. Holstein, H. Zhu. *Who Has an Interest in “Public Interest Technology”? Critical Questions for Working with Local Governments & Impacted Communities*. Companion Publication of the 2022 Conference on Computer Supported Cooperative Work and Social Computing (CSCW), 2022.

Other Publications: Technical Reports & Policy Briefs

- [r6] E. Silva, N. Johnson, R. Dotan, M. Eslami, H. Heidari, and B. Schwanke. "Procuring Public-Sector AI: Guidance for Local Governments." Available at SSRN 5227802 (2025).
- [r5] M. Eslami, E. Gilbert, S. Schoenebeck, EP. Baumer, E. Chandrasekharan, M. De Mooy, K. Karahalios, D. Karger, TM. Cottom, A. Monroy-Hernández, L. Terveen. *The Future of Research on Social Technologies: CCC Workshop Visioning Report*, 2024.
- [r4] Alex Moehring, Alissa Cooper, Arvind Narayanan, Aviv Ovadya, Elissa Redmiles, Jeff Allen, Jonathan Stray, Julia Kamin, Leif Sigerson, Luke Thorburn, Matt Motyl, **Motahhare Eslami**, Nadine Farid Johnson, Nathaniel Lubin, Ravi Iyer, Zander Arnao. *Better Feeds: Algorithms That Put People First- A How-To Guide for Platforms and Policymakers*, Knight-Georgetown Institute (KGI), Expert Working Group on Recommender Systems, 2025.
- [r3] Nari Johnson, Jessica Kuntz, Ravit Dotan, **Motahhare Eslami**, Hoda Heidari, Harrison Leon, Beth Schwanke, Elise Silva. *RFI for Responsible Procurement of Artificial Intelligence in Government*, 2024.
- [r2] Brandy Aven, Justin Deyo, **Motahhare Eslami**, Jodi Forlizzi, Sarah Fox, Rayid Ghani, Hoda Heidari, Ken Holstein, Christian Kaestner, Ramayya Krishnan, Norman Sadeh, Carol J. Smith, Molly Steenson, and John Zimmerman. *Response to the NTIA’s 13 April 2023 Request for Comment On AI Accountability Policy (CMU Block Center)*, 2023.
- [r1] Brandy Aven, Justin Deyo, **Motahhare Eslami**, Jodi Forlizzi, Sarah Fox, Rayid Ghani, Hoda Heidari, Ken Holstein, Christian Kaestner, Ramayya Krishnan, Norman Sadeh, Carol J. Smith, Molly Steenson, and

John Zimmerman. *Toward AI Accountability: Policy Ideas for Moving Beyond a Self-Regulatory Approach (CMU Block Center)* , 2023.

TEACHING EXPERIENCE

Instructor

- Human-AI Interaction (HAI) Spring 2024- Spring 2026
- Fairness, Accountability, Transparency, and Ethics (FATE) in Sociotechnical Systems Spring & Fall 2022
- User-Centered Research and Evaluation (UCRE) Spring & Fall 2021, Spring & Fall 2023

Invited Guest Lectures

- *“Resisting algorithms, redressing harms, and policy”* Fall 2024
Algorithms and Societal Implications taught by Naz Andalibi, University of Michigan
- *“(Ir)responsible AI: Revisiting AI Accountability Efforts ”* Fall 2024
Social Good taught by Amin Rahimian, University of Pittsburgh
- *“(Ir)responsible AI: Fairness and Bias in Algorithmic Systems ”* Spring 2022
Social Web taught by Hiro Shirado, HCII, CMU
- *“(Ir)responsible AI: Algorithmic Fairness and Bias in Criminal Justice”* Fall 2021
AI, Ethics and Society, taught by Alex London, Department of Philosophy, CMU
- *“Responsible AI: Supporting (Enough) Transparency and Bias-Awareness in AI Systems”* Spring 2021
Fairness in Machine Learning, taught by Yu-Ru Lin, School of Computing and Information, University of Pittsburgh
- *“Responsible AI: Supporting (Enough) Transparency and Bias-Awareness in AI Systems”* Fall 2020
Software Engineering for AI-Enabled Systems, taught by Christian Kastner & Eunsuk Kang, ISR, CMU
- *“User Attitudes towards Algorithmic Opacity and Transparency”* Fall 2020
Designing Artificial Intelligence for the Long-term, taught by Chinmay Kulkarni, HCII, CMU
- *“Participating and Designing around Algorithmic Sociotechnical Systems”* Fall 2019
HCI for ML, taught by Ranjitha Kumar, CS Department, UIUC
- *“Participating and Designing around Algorithmic Sociotechnical Systems”* Fall 2019
Social Computing, taught by Catherine Grevet Delcourt, CS Department, Wellesley College
- *“Communicating Algorithmic Process in Online Behavioral Advertising”* Fall 2018
Computational Advertising, taught by Hari Sundaram, CS Department, UIUC

Teaching Assistant

- Introduction to Data Mining, CS Department, UIUC Spring 2018
- Stochastic Processes, Sharif University of Technology Fall 2011
- Multimedia Networks, Sharif University of Technology Spring 2010
- Software Engineering, Sharif University of Technology Spring 2009
- Advanced Programming (Java), Sharif University of Technology Fall 2008
- Introduction to Programming (C++), Sharif University of Technology Fall 2007, Spring 2008

GRADUATE STUDENT ADVISING

Current Ph.D Students

- *Kynneddy Smith*, HCII, CMU Fall 2025-present
Cultural Intelligence & AI co-advised with Maarten Sap
- *Shixian Xie*, HCII, CMU Fall 2023-present
Redefining AI literacy via a stakeholder-centred approach co-advised with John Zimmerman
- *Seyun Kim*, HCII, CMU Fall 2021-present
Combining Human and Machine Intelligence to Improve Equity and Fairness co-advised with Haiyi Zhu

Completed PhD Students

- *Wesley Deng*, HCII, CMU Summer 2021-Spring 2026
Co-designing crowd audit services with industry AI/ML Practitioners
co-advised with Ken Holstein
Current Role: Senior Researcher at Microsoft Research
- *Jaemarie Solyst*, HCII, CMU Fall 2020-Spring 2025
thesis title: Empowering Diverse Youth in the Future of Artificial Intelligence
co-advised with Amy Ogan and Jessica Hammer
Current Role: Postdoctoral Scholar, University of Washington

Post-Doctoral Advising

- *Sijia Xiao*, HCII, CMU Fall 2024-present

Thesis Committee Service

- Blaine Kuehnert (PhD), Machine Learning Department (MLD), CMU
Thesis: AI Governance in Practice: Procurement, Evaluation, and Accountability in the Public Sector
- Katelyn Morrison (PhD), HCII, CMU
Thesis: Expanding the Design Space for AI Explanations in Human-AI Collaboration
- Adinawa Adjagbodjou (PhD), HCII, CMU
Thesis: Equitable and context-driven approaches for designing and evaluating emerging AI technologies that support minoritized communities
- Niloofar Nikookar (PhD), Building Performance Diagnostics program, CMU
Thesis: Affective Atmospheres: An Interactive Lighting System to Enhance Emotional Experience in Indoor Spaces

Thesis and Research Projects

PhD Students

- *Nari Johnson*, MLD, CMU 2023-present
- *Nadia Nahar*, S3D, CMU 2023-present
- *Haodi Zou*, HCII, CMU 2024-present
- *Shivani Kapania*, HCII, CMU 2024-2025
- *Mingqian Zheng*, LTI, CMU 2024-2025
- *Cella Sum*, HCII, CMU 2023-2035
- *Fatemeh Alizadeh*, University of Siegen, Germany 2023-2025
- *Eunice Park*, SNU-CMU Program 2024-present
- *Yanwei Huang*, HKUST, Visiting Scholar at CMU 2024-2025
- *Alice Zhang*, HCII, CMU 2024-2025

- *Qing Xiao*, HCII, CMU 2024-2025
- *Sara Kingsley*, HCII, CMU 2020-2025
- *Sanika Moharana*, HCII, CMU 2023-2024
- *Wenjia (Jiajia) Hu*, HCII, CMU 2023-2024
- *Sumedha Singla*, Boston University 2022-2023
- *Nur Yildirim*, HCII, CMU 2022-2023
- *Alicia DeVrio*, HCII, CMU 2020-2023

MS Students

- *Emilie Zhang*, MHCI, CMU 2025-present
- *Cindy Peng*, METALS, CMU 2023-present
- *Praneetha Pratapa*, Master of Integrated Innovation for Products & Services (MIIPS) 2024-2025
- *Miaoyang Ye*, HCII, CMU 2025
- *Ziying Qi*, Computational Design & HCI, CMU 2025
- *Sophia Yonus*, HCII, CMU 2023-2024
- *Howard Han*, Computational Design, CMU 2023-2034
- *Yuanchen(Sophie) Bai*, HCII, CMU 2023-2024
- *Jiayin Zhi*, HCII, CMU 2022-2024
- *Yvonne Fang*, HCII, CMU 2023
- *Jieyu Zhou*, Computational Design, CMU 2022-2023
- *Andrew Sim*, HCII, CMU 2022
- *Shixian Xie*, HCII, CMU 2022
- *Bonnie Fan*, HCII, CMU 2022
- *Willa Yang*, Computational Design, CMU 2021-2022
- *Yuwen Lu*, HCII, CMU 2021
- *Janelle Wen*, HCII, CMU 2021
- *Ankita Kundu*, HCII, CMU 2021
- *Harkiran Kaur*, HCII, CMU 2021
- *Aditi Dhabalia*, HCII, CMU 2020-2021
- *Joon Park*, CS Department, UIUC 2018-2020
- *Joshua Asplund*, CS Department, UIUC 2018-2019
- *Jingning Zhang*, CS Department, UIUC 2014-2015

Undergraduate Students

- *Mingxi Yan*, HCII, CMU 2024-present
- *Brooke Li*, HCII, CMU (REU program) 2024
- *Claire Wang*, HCII, CMU (REU program) 2024
- *Matheus Kunzler Maldaner*, HCII, CMU (REU program) 2024
- *Ellia Yang*, CS + HCI 2024-2025
- *Bill Guo*, HCII, CMU 2021-2022
- *Sarah Chen*, HCII, CMU Spring 2021

- *Jai Sawkar*, HCII, CMU Spring 2021
- *Erica Chiang*, HCII, CMU Fall 2020
- *Justin Zhang*, HCII, CMU Fall 2020
- *Andy Vuong*, CS Department, UIUC (PURE program) Spring 2014
- *Akshat Gupta*, CS Department, UIUC (PURE program) Spring 2014
- *Akshun Gupta*, CS Department, UIUC (PURE program) Spring 2014
- *Nouran Soliman*, UIUC Intern 2018-2019

INVITED TALKS

- **Apple** 2026
"The Future of AI Safety: User-Engaged Auditing and Human-AI Red Teams"
- **Learning with and about AI Seminar**, HCII, CMU 2026
"From Users to Auditors: Advancing AI Literacy Through Critical Engagement"
- **Research Talks with Block**, CMU 2026
"Participatory AI Auditing: Public Engagement for Responsible and Safe AI"
- **UC Irvine**, Department of Informatics, Seminar Series 2025
"Building AI that Matters: Rethinking Human-AI Interaction through Impact, Governance, and Literacy"
- **Apple**, Human-Centered Machine Learning Workshop 2025
"Participatory AI Auditing: Public Engagement for Responsible and Safe AI"
- **The Internet is Crack** Podcast 2025
Dissecting the Algorithm
- **Human-Computer Interaction Consortium (HCIC)** 2025
Theme: The Future of Being Human in a Generative AI World: Principles, Methods and Education
"From Impressive to Impactful AI: Turning AI Potential into Clinical Value in Healthcare"
- **Apple** 2025
"(Ir)responsible AI: Revisiting AI Accountability Efforts"
- **Dagstuhl Seminar**, Germany 2025
"From Traditional Auditing to Everyday Oversight: The Role of Users in Algorithmic Accountability"
- **NeurIPS Workshop, Keynote Speaker** 2024
"(Ir)responsible AI: Revisiting AI Accountability Efforts by Centering Stakeholder Voices"
- **Center for Democracy and Technology (CDT)** 2024
"(Ir)responsible AI: Revisiting AI Accountability Efforts"
- **Family Weekend**, CMU 2024, 2025
Human-Centered Responsible AI
- **Algorithms 101: Youth and AI-Driven Tech** 2023
Children and Screens: Institute of Digital Media & Child Development
- **"Is AI Justice Possible?" Symposium** 2023
Humanities Institute Symposium, Ohio State University
"(Ir)responsible AI: Bringing AI to Account through Democratization and Public Voice"
- **Women in Math and Computing Symposium- Research Panel** 2023
Carnegie Mellon University
- **CMU Society of Women Engineers High School Day** 2022
Guided the preparation of a session about youth engagement with responsible AI

- **Reflections|Projections**, University of Illinois at Urbana-Champaign 2022
The largest student run technology conference in the midwest
(Ir)responsible AI: Reviewing & Revisiting Accountability Efforts in AI Systems
 - **ECSCW** (European Conference on Computer-Supported Cooperative Work) 2022
“Appropriate Trust in Human-AI Interactions” Panel
 - **Just Films**, Chatham University 2022
“Coded Bias”
 - **Learning at Scale (L@S) Conference, Keynote Speaker** 2021
“Revisiting Algorithmic Transparency and Fairness Through the Lens of Public Education and Engagement”
 - **ICLR 2021 Workshop on Responsible AI** 2021
“(Ir)responsible AI: Revisiting Transparency and Fairness in AI Systems”
 - **Software Research Seminar**, Institute for Software Research (ISR), CMU 2021
“(Ir)responsible AI: Revisiting Transparency and Fairness in AI Systems”
 - **Seamful Design Seminar**, University of Siegen, Germany 2021
“Responsible AI: Supporting (Enough) Transparency and Bias-Awareness in AI Systems”
 - **Urbana Champaign Data Science User Group**, UIUC, Champaign, IL 2020
Virtual Computer Science Camp for Refugees, James Madison University
“Responsible AI: Supporting (Enough) Transparency and Bias-Awareness in AI Systems”
 - **Facebook Core Data Science Seminar**, Menlo Park, CA 2020
“Participating and Designing around Algorithmic Sociotechnical Systems”
 - **Facebook Digital Advertising Workshop**, Menlo Park, CA 2019
“Communicating Algorithmic Process in Online Behavioral Advertising”
 - **Stanford HCI Seminar**, Palo Alto, CA 2019
SummerPIT-Understandable AI, Aarhus University, Denmark
Carnegie Mellon University, HCI Institute, Pittsburgh, PA
University of Michigan, School of Information, Ann Arbor, Michigan
Cornell University, Information Science Department, Ithaca, NY
University of Maryland, Computer Science Department, College Park, Maryland
University of Southern California, Computer Science Department, Los Angeles, CA
University of Illinois, School of Information Science, Champaign, IL
University of Chicago, Computer Science Department, Chicago, IL
“Participating and Designing around Algorithmic Sociotechnical Systems”
 - **Association of Internet Researchers (AoIR)**, Montreal, Canada 2018
“Kicking the Black Box: The Perils and Promise of Algorithm Auditing”
 - **Big Data Summit**, University of Illinois at Urbana-Champaign 2018
“Big Data Summit Data Governance”
 - **Adobe Research**, San Francisco, CA 2017
“Communicating Algorithmic Process in Online Behavioral Advertising”
 - **CSL Student Conference**, University of Illinois at Urbana-Champaign 2015
“Exposure to the Invisible: Algorithm Awareness from the Individual to the Collective”
-

SERVICE

Advisory Board

- Knight-Georgetown Institute (KGI) Steering Council 2024-Present
one of 14 selected scholars and policy experts to advise the institute connect independent research with technology policy and design

Program Committee/Area Chair

- ACM Conference on Fairness, Accountability, and Transparency (FAccT) 2023, 2025
- ACM Designing Interactive Systems Conference (DIS) 2025
- Human Factors in Computing Systems Conference (CHI) 2022, 2024
- International Conference on Web and Social Media (ICWSM) 2016-2019
- International ACM Web Science Conference (WebSci) 2019

Reviewer

- NeurIPS 2026
- Spencer Foundation 2024
- ICWSM Workshop on Reliable Evaluation of LLMs for Factual Information (REAL-Info) 2024
- Journal for Computer-Mediated Communication (JCMC) 2022, 2024
- Conference on Neural Information Processing Systems (NeurIPS), Ethics Reviewer 2022
- ACM Conference on Fairness, Accountability, and Transparency (FAccT) 2022
- ACM Transaction on Interactive Intelligent Systems (TiiS) 2022
- Human Factors in Computing Systems Conference (CHI) 2016-present
- Computer-Supported Cooperative Work and Social Computing Conference (CSCW) 2016-2022
- Time-Sharing Experiments for the Social Sciences (TESS) 2021
- International Conference on Web and Social Media (ICWSM) 2015
- Social Network Analysis and Mining Journal (SNAM) 2020
- ACM Designing Interactive Systems Conference (DIS) 2019
- Human-Computer Interaction Journal 2019
- SocInfo Conference 2019
- ACM International Management of Management of Data (SIGMOD) 2017
- Semantic Web Journal 2017
- Social Media+Society Journal 2016
- International Journal of Human-Computer Studies 2016
- Behaviour & Information Technology Journal 2015
- Elsevier Computer Communications Journal 2015
- IEEE International Conference on Social Computing (SocialCom) 2011-2012

Student Volunteer

- CSCW SV Chair 2019
 - CSCW SV 2018
-

SELECTED MEDIA COVERAGE

- July 13 Tech and Democracy Roundup: What’s in an AI Audit? July 13, 2026
The Renovator. Zachey Kliger
- The push to audit AI systems May 04, 2026
Politico. Aaron Mac
- Empowering Everyday Folks To Audit AI Dec 10, 2025
CMU SCS. Marylee Williams
- Making Recommender Systems Work for People: May 19, 2025
Turning the DSA’s Potential into Practice
DSA Observatory. Alissa Cooper and Peter Chapman
- Rethinking Social Media’s Future May 1, 2025
Communications of the ACM. Bennie Mols
- Working With AI: Apr 30, 2025
Carnegie Mellon Researchers Explore Relationships With Artificial Intelligence Tools
CMU SCS. Marylee Williams
- SCS Research Highlights Kids’ Role in AI Dec 3, 2024
CMU SCS. Marylee Williams
- SCS Faculty Earn Google Research Scholar Awards May 15, 2024
CMU SCS. Adam Kohlhaas
- Spotify Doesn’t Know Who You Are Nov 30, 2023
The Atlantic. Nancy Walecki
- SCS faculty receive Google Academic Research Awards Nov 8, 2024
CMU SCS. Aaron Aupperlee
- Google Assistant Finally Gets a Generative AI Glow-Up Oct 4, 2023
WIRED. Will Knight & Lauren Goode
- Meet the World’s Least Ambitious AI Apr 12, 2023
The Atlantic. Jacob Sweet
- ChatGPT, Galactica, and the Progress Trap: When large language models fall short, Dec 09, 2022
the consequences can be serious. Why is it so hard to acknowledge that?
WIRED. Abebba Birhane and Deborah Raji
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