MICHELLE S. LAM

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INTERESTS

Human-Computer Interaction · Human-AI Interaction · Social Computing

EDUCATION

2021–present **Stanford University** ***Ph.D. Candidate, Computer Science***
Human-Computer Interaction Group
Advisors: Prof. Michael Bernstein & Prof. James Landay

2017–2019 **Stanford University** ***M.S., Computer Science***
Artificial Intelligence & Human-Computer Interaction track

2014–2018 **Stanford University** ***B.S. with Honors, Computer Science***
Artificial Intelligence track
Honors thesis: "Eevee: Transforming Images to Bridge High-level and Low-level Understanding"

AWARDS & HONORS

2026 Best Paper Honorable Mention, ACM CHI

2024 Best Paper Award, ACM CSCW

2024 Impact Recognition, ACM CSCW

2024 Rising Stars in EECS, MIT

2023 Best Paper Honorable Mention, ACM CSCW

2023 Stanford HAI AI Audit Challenge, Award Winner

2022 Best Paper Award, ACM CHI

2022–2025 Stanford Interdisciplinary Graduate Fellowship (SIGF)
Doctoral students are awarded this three-year fellowship based on academic excellence and potential for innovative research in an interdisciplinary area. Selected as one of 34 fellows university-wide.

2022 Ford Foundation Predoctoral Fellowship, Honorable Mention

2021–2022 Stanford Human-Centered AI Seed Research Grant

2021–2022 Brown Institute for Media Innovation Magic Grant

2021–2022 Stanford Technology & Racial Equity Graduate Fellowship

2021–2022 Stanford Human-Centered AI Graduate Fellowship

2019 Siebel Scholar
Graduate students at the top of their class are awarded this $35,000 scholarship based on outstanding academic performance and leadership. Selected as one of 96 scholars nationwide.

2018 Stanford Diversity Society Leadership Award

PUBLICATIONS

REFEREED CONFERENCE AND JOURNAL PAPERS

[14] ACL Findings '26
Kaitlyn Zhou, Kristina Gligorić, Myra Cheng, **Michelle S. Lam**, Vyoma Raman, Boluwatife Aminu, Caeley Woo, Michael Brockman, Hannah Cha, Dan Jurafsky. 2026. Attention to Non-Adopters. *Findings of the Association for Computational Linguistics: ACL 2026*.

[13] CSCW '26
Poonam Sahoo, **Michelle S. Lam**, Michael S. Bernstein. 2026. Reading the Room: Steerable Live Comment Clustering to Improve Speaker-Audience Understanding. *Proc. ACM Hum.-Comput. Interact. CSCW (Oct. 2026)*.

[12] CHI '26
Michelle S. Lam, Omar Shaikh, Hallie Xu, Alice Guo, Diyi Yang, Jeffrey Heer, James A. Landay, Michael S. Bernstein. 2026. Just-In-Time Objectives: A General Approach for Specialized AI Interactions. *Proceedings of the 2026 CHI Conference on Human Factors in Computing Systems (CHI '26)*. DOI: 10.1145/3772318.3790713. ***Best Paper honorable mention***.

[11] UIST '25
Michelle S. Lam, Fred Hohman, Dominik Moritz, Jeffrey P. Bigham, Kenneth Holstein, Mary Beth Kery. 2025. Policy Maps: Tools for Guiding the Unbounded Space of LLM Behaviors. *Proceedings of the 38th Annual ACM Symposium on User Interface Software and Technology (UIST '25)*. DOI: 10.1145/3746059.3747680.

[10] ICLR '25
Omar Shaikh*, **Michelle S. Lam***, Joey Hejna*, Yijia Shao, Hyundong Cho, Michael S. Bernstein, Diyi Yang. 2025. Aligning Language Models with Demonstrated Feedback. *The Thirteenth International Conference on Learning Representations (ICLR '25)*.

[9] TOCHI '25
Madeleine Grunde-McLaughlin, **Michelle S. Lam**, Ranjay Krishna, Daniel Weld, Jeffrey Heer. 2025. Designing LLM Chains by Adapting Techniques from Crowdsourcing Workflows. *ACM Trans. Comput.-Hum. Interact. (TOCHI '25)*. DOI: 10.1145/3716134.

[8] UIST '24
Yoonho Lee, **Michelle S. Lam**, Helena Vasconcelos, Michael S. Bernstein, Chelsea Finn. 2024. Clarify: Improving Model Robustness With Natural Language Corrections. *Proceedings of the 37th Annual ACM Symposium on User Interface Software and Technology (UIST '24)*. DOI: 10.1145/3654777.3676362.

[7] CSCW '24
Chenyan Jia*, **Michelle S. Lam***, Minh Chau Mai, Jeffrey T. Hancock, Michael S. Bernstein. 2024. Embedding Democratic Values into Social Media AIs via Societal Objective Functions. *Proc. ACM Hum.-Comput. Interact. CSCW (Apr. 2024)*. DOI: 10.1145/3641002. ***Best Paper award***. ***Impact recognition***.

[6] CHI '24
Michelle S. Lam, Janice Teoh, James A. Landay, Jeffrey Heer, Michael S. Bernstein. 2024. Concept Induction: Analyzing Unstructured Text with High-Level Concepts Using LLooM. *Proceedings of the 2024 CHI Conference on Human Factors in Computing Systems (CHI '24)*. DOI: 10.1145/3613904.3642830.

[5] CSCW '23
Michelle S. Lam, Ayush Pandit, Colin H. Kalicki, Rachit Gupta, Poonam Sahoo, Danaë Metaxa. 2023. Sociotechnical Audits: Broadening the Algorithm Auditing Lens to Investigate Targeted Advertising. *Proc. ACM Hum.-Comput. Interact. CSCW (Oct. 2023)*. DOI: 10.1145/3610209. ***Best Paper honorable mention***.

[4] CHI '23
Michelle S. Lam, Zixian Ma, Anne Li, Izequiel Freitas, Dakuo Wang, James A. Landay, Michael S. Bernstein. 2023. Model Sketching: Centering Concepts in Early-Stage Machine Learning Model Design. *Proceedings of the 2023 CHI Conference on Human Factors in Computing Systems (CHI '23)*. DOI: 10.1145/3544548.3581290.

[3] CSCW '22
Michelle S. Lam, Mitchell L. Gordon, Danaë Metaxa, Jeffrey T. Hancock, James A. Landay, Michael S. Bernstein. 2022. End-User Audits: A System Empowering Communities to Lead Large-Scale Investigations of Harmful Algorithmic Behavior. *Proc. ACM Hum.-Comput. Interact. CSCW (Nov. 2022)*. DOI: 10.1145/3555625.

[2] CHI '22
Mitchell L. Gordon, **Michelle S. Lam**, Joon Sung Park, Kayur Patel, Jeffrey T. Hancock, Tatsunori Hashimoto, Michael S. Bernstein. 2022. Jury Learning: Integrating Dissenting Voices into Machine

Learning Models. *Proceedings of the 2022 CHI Conference on Human Factors in Computing Systems (CHI '22).* 🔗 DOI: 10.1145/3491102.3502004. ***Best Paper award***.

[1] CHI '16 Ryo Suzuki, Niloufar Salehi, **Michelle S. Lam**, Juan C. Marroquin, and Michael S. Bernstein. 2016. Atelier: Repurposing Expert Crowdsourcing Tasks as Micro-internships. In *Proceedings of the 2016 CHI Conference on Human Factors in Computing Systems (CHI '16).* 🔗 DOI: 10.1145/2858036.2858121.

NONARCHIVAL PAPERS, POSTERS, BOOK CHAPTERS

[8] Poonam Sahoo, **Michelle S. Lam**, Michael S. Bernstein. 2025. Refractor: Steerable Live Clustering for Speaker-Audience Understanding. *Adjunct Proceedings of the 38th Annual ACM Symposium on User Interface Software and Technology (UIST '25 Adjunct).*

[7] **Michelle S. Lam**. 2024. Granting Non-AI Experts Creative Control Over AI Systems. *Adjunct Proceedings of the 37th Annual ACM Symposium on User Interface Software and Technology (UIST '24 Adjunct).*

[6] Ziang Xiao, Wesley Hanwen Deng, **Michelle S. Lam**, Motahhare Eslami, Juho Kim, Mina Lee, and Q. Vera Liao. 2024. Human-Centered Evaluation and Auditing of Language Models. *Extended Abstracts of the 2024 CHI Conference on Human Factors in Computing Systems (CHI EA '24).*

[5] Wesley Hanwen Deng, **Michelle S. Lam**, Ángel Alexander Cabrera, Danaë Metaxa, Motahhare Eslami, and Kenneth Holstein. 2023. Supporting User Engagement in Testing, Auditing, and Contesting AI. *Companion Publication of the 2023 Conference on Computer Supported Cooperative Work and Social Computing (CSCW '23 Companion).*

[4] **Michelle S. Lam**, Matthew Jörke, Jennifer King, Nava Haghighi, James A. Landay. 2023. User Perceptions of Privacy Interfaces in the Workplace. In: *Meinel, C., Leifer, L. (eds) Design Thinking Research. Understanding Innovation*. Springer, Cham.

[3] Chloé Bakalar, Renata Barreto, Stevie Bergman, Miranda Bogen, Bobbie Chern, Sam Corbett-Davies, Melissa Hall, Isabel Kloumann, **Michelle S. Lam**, Joaquin Quiñonero Candela, Manish Raghavan, Joshua Simons, Jonathan Tannen, Edmund Tong, Kate Vredenburgh, Jiejing Zhao. 2021. Fairness On The Ground: Applying Algorithmic Fairness Approaches to Production Systems. *arXiv preprint arXiv:2103.06172* (2021).

[2] **Michelle S. Lam**, Grace B. Young, Catherine Y. Xu, Ranjay Krishna, and Michael S. Bernstein. 2019. Eevee: Transforming Images by Bridging High-level Goals and Low-level Edit Operations. *Extended Abstracts of the 2019 CHI Conference on Human Factors in Computing Systems (CHI EA '19).*

[1] **Michelle S. Lam**, Catherina Xu, Angela Kong, Vinodkumar Prabhakaran. 2018. Power Networks: A Novel Neural Architecture to Predict Power Relations. *Proceedings of the Second Joint SIGHUM Workshop on Computational Linguistics for Cultural Heritage, Social Sciences, Humanities and Literature (COLING LaTeCH-CLfL '18).*

EMPLOYMENT

2024 **Apple Human Centered Machine Intelligence**, Pittsburgh
Research Intern—AIML Visualization (Hosts: Mary Beth Kery, Jeffrey Bigham, Fred Hohman, Dominik Moritz)

2019–2020 **Facebook AI Applied Research**, New York
Software Engineer—Responsible AI, Fairness

2018 **Facebook**, New York
Software Engineering Intern—Dev Infra, Web Speed

2017 **Facebook**, Menlo Park
Software Engineering Intern—Applied Machine Learning, Computer Vision

2017 **Google**, Zurich
Software Engineering Intern—Geo Growth & Analytics

MENTORSHIP

UNDERGRADUATE STUDENTS * Indicates mentees who co-authored publications

[12] Hallie Xu* (Spring 2025–present)
[11] Poonam Sahoo* (Spring 2022–present)
[10] Alice Guo* (Spring 2025–Summer 2025)
[9] Janice Teoh* (Summer 2023)
[8] Zachary Xi (Winter 2023–Fall 2023)
[7] Grace Zhou (Winter 2023)
[6] Zixian Ma* (Summer 2022–Fall 2022)
[5] Ulo Freitas* (Summer 2022–Fall 2022)
[4] Anne Li* (Summer 2022–Fall 2022)
[3] Megan Mou (Winter 2022–Spring 2022)
[2] Rachit Gupta* (Summer 2021–Fall 2022)
[1] Melanie Zhou (Spring 2021–Fall 2021)

SERVICE

2026 Associate Chair, UIST 2026 Program Committee
2025–2026 Associate Chair, CHI 2026 Computational Interaction Subcommittee
Winter 2025 Course Assistant, CS 347: HCI Foundations & Frontiers, Stanford University
2024 Faculty Search Committee, Stanford Dept. of Computer Science
2024–2025 Co-organizer, CHI Workshop: Human-Centered Evaluation and Auditing of Language Models (HEAL)
2023 Co-organizer, CSCW Workshop: Supporting User Engagement in Testing, Auditing, and Contesting AI
2021–2023 Undergraduate Research Coordinator (CURIS), Stanford Dept. of Computer Science
2021–2022 Webmaster, Stanford HCI Group
Spring 2021 Course Assistant, CS 547: Human-Computer Interaction Seminar, Stanford University

REVIEWING

Received 10 special recognitions for outstanding reviews

2023–2026 ACM CHI, *Special Recognition for Outstanding Reviews (2024, 2025)*
2023–2026 ACM UIST, *Special Recognition for Outstanding Reviews (2023, 2024, 2025)*
2025 ACM FAccT
2022–2024 ACM CSCW, *Special Recognition for Outstanding Reviews (2022, 2023)*

INVITED TALKS

[8] *Just-in-Time Objectives for Specialized AI Interactions*
EPFL, School of Computer and Communication Sciences. January 19 2026.
Adobe, HCI Seminar. January 27 2026.
Apple, Human Centered Machine Intelligence Group. February 5 2026.
Purdue, Dept. of Computer Science. February 16 2026.
University of Toronto, Dept. of Computer Science. February 20 2026.
UC Irvine, Dept. of Informatics. February 25 2026.
University of Texas at Austin, Dept. of Computer Science. April 2 2026.
KAIST, School of Computing. April 6 2026.
Stanford University, HCI Seminar (PhD Defense). May 22 2026.

[7] *Sketching the Values of AI: Tools for Embedding Human Values in AI Systems*
Northeastern, Human-Centered AI Course (Instr: Dakuo Wang). November 13 2023.

UC Berkeley, Berkeley Institute of Design (BiD) Seminar. April 9 2024.
CMU, Data Interaction Group. September 13 2024.

[6] *Concept Induction: Analyzing Unstructured Text with High-Level Concepts Using LLooM*
Technical University of Munich, LLMs & Politics Working Group. June 17 2024.

[5] *Sociotechnical Audits: Broadening the Algorithm Auditing Lens to Investigate Targeted Advertising*
UW, Algorithms and Society Course (Instr: Tanushree Mitra). May 7 2024.

[4] *Shifting the Language of Data Science: Centering Concepts from Text Analysis to ML Modeling*
Northeastern, Computational Social Science Course (Instr: Chenyan Jia). January 31 2024.

[3] *Tools for Users to Interrogate and Redesign Machine Learning Models*
UW, HCI Seminar. April 14 2023.
Apple, Human Centered Machine Intelligence Group. June 6 2023.
Stanford HAI, Advancing AI Audits: Project Showcase and Lessons Learned. June 27 2023.
CMU, Co-Augmentation, Learning, & AI (CoALA) Lab. July 7 2023.

[2] *Model Sketching: Centering Concepts in Early-Stage Machine Learning Model Design*
UW, Interactive Data Lab. December 2 2022.
Northeastern, Human-Centered AI Course (Instr: Dakuo Wang). March 13 2023.

[1] *Tools for Centering Human Values in Machine Learning Model Evaluation and Authoring*
CMU, Crowd Audits Group. September 19 2022.
Stanford, Symbolic Systems Research Seminar. October 24 2022.
Princeton, HCI Lab. December 9 2022.

ACTIVITIES

2015–2018 Stanford Society of Women Engineers: Vice President (2016-18), Financial Officer (2015-16)

2014–2018 Stanford Cardinal Ballet Company: Company member, Publicity & Media Coordinator (2015-18)

2014–2017 Stanford Bent Spoon Modern Dance Company: Company member, Web & Design Chair (2015-17)