Kelly B. Wagman

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Research areas

Human-computer interaction (HCI), computer-supported cooperative work (CSCW), design theory, feminist science and technology studies (STS)

Education

2023-	**University of Chicago**, PhD Computer Science Advisor: Marshini Chetty
2021-23	**University of Chicago**, MS Computer Science Advisor: Marshini Chetty
2019-21	**Massachusetts Institute of Technology**, MS Comparative Media Studies Advisors: William Uricchio, Lisa Parks
2010-14	**Brown University**, AB Computer Science & AB Economics

Employment

2021-	**University of Chicago**, Amyoli Internet Research Lab, Research Assistant (Chicago, IL) *Qualitative HCI research on human-AI interaction and building equitable and inclusive sociotechnical systems.* Advisor: Marshini Chetty
2019-21	**MIT**, Comparative Media Studies, Research Assistant (Cambridge, MA) *Interdisciplinary research on immersive non-fiction and global tech infrastructure.* Advisors: William Uricchio, Lisa Parks
2020	**Urban Rivers**, Research and Development Intern (Chicago, IL) *Prototyping human-controlled trash collecting robot.*
2017-19	**Microsoft Research**, Economics Research Assistant (Cambridge, MA) *Large-scale data wrangling and analysis. Qualitative interviewing and analysis.* Mentors: Hunt Allcott, Nancy Baym, Shawndra Hill, Markus Mobius, Glen Weyl
2017	**Innovations for Poverty Action**, Research Analyst (New Haven, CT) *Large-scale data analysis on trust and social connections in a Peruvian town.* Mentor: Markus Mobius
2015-17	**Microsoft**, Office 365 Infrastructure, Software Engineer II (Redmond, WA) *Owner of CodeCheck, an internal tool used by 1500+ developers.* Mentor: Rob Land

2014	**Facebook**, Software Engineer Intern (Seattle, WA)
	Developed tools for Graph Search team in C++.

2013	**Microsoft**, Software Engineer Intern (Redmond, WA)
	Wrote static analysis tools using the new Roslyn compilers for VB and C#.

2012	**Microsoft**, Explorer (Software/Product Manager) Intern (Redmond, WA)
	Designed and programmed an extension for Visual Studio in C#.

AWARDS & HONORS

2023-24	University of Chicago Urban Doctoral Fellow (Mansueto Institute for Urban Innovation)
2021-	University of Chicago Neubauer Family Distinguished Doctoral Fellowship
	Awarded to approx. 25 incoming grad students across all departments.
2021	MIT Transmedia Storytelling Summer Fellowship
2020	MIT PKG Public Service Center Summer Fellowship
2019-20	MIT Graduate Student Leadership Institute
	Approx. 30 grad students selected for leadership potential across all departments.
2019	MIT Ida M. Green Fellowship
	Awarded to 8 incoming female grad students across all departments.
2013-14	Microsoft Ambassador for Brown University

TEACHING

2023	**University of Chicago**
	Guest lecture for course "Inclusive Technology" (Instructor: Marshini Chetty)
2022	**University of California, Santa Barbara**
	Guest lecture for course "Media, Technology, & Society" (Instructor: Lisa Parks)
2011	**Brown University**
	TA for course "CS15: Intro to Programming" (Instructor: Andries van Dam)
2011	**Brown University**
	Coordinator, "The Artemis Project," a girls' computer science summer camp

PUBLICATIONS

1. **Wagman, K. B.**, Blinder, E., Song, K., Vignon, A., Chetty, M., Vitak, J., & Clegg, T. (Accepted 2023). "We picked community over privacy:" Privacy and Security Concerns Emerging from Remote Learning Sociotechnical Infrastructure During COVID-19. *CSCW 2023*.

2. Maris, E.,* **Wagman, K. B.**,* Bergmann, R. & Bragg, D. (2023). Tech Worker Perspectives on Considering the Interpersonal Implications of Communication Technologies. *Proc. ACM Hum.-Comput. Interact. 7*, GROUP, Article 16. https://doi.org/10.1145/3567566 (*denotes equal contribution)

3. **Wagman, K. B.** & Parks, L. (2021). Beyond the Command: Feminist STS Research and Critical Issues for the Design of Social Machines. *Proc. ACM Hum.-Comput. Interact. 5*, CSCW1, Article 101. https://doi.org/10.1145/3449175

4. Baym, N., **Wagman, K. B.** & Persaud, C. (2020). Mindfully Scrolling: Rethinking Facebook After Time Deactivated. *Social Media + Society* 6(2). https://doi.org/10.1177/2056305120919105

5. Baym, N., Shifman, L., Persaud, C. & **Wagman, K. B**. (2019). Intelligent Failures: Clippy Memes and the Limits of Digital Assistants. *Association of Internet Researchers (AoIR) Selected Papers of Internet Research, 2019.* https://doi.org/10.5210/spir.v2019i0.10923

TALKS

1. Sociotechnical Thinking in Technology Design. *University of Chicago Computer Science Master's Thesis Presentation.* May 2023.

2. Gender, Power, and Technology. Guest lecture for University of Chicago course *Inclusive Technology.* February 2023. (Instructor: Marshini Chetty)

3. Designing Equitable Sociotechnical Systems. Invited talk at tech startup *Lumos.* Virtual. August 2022.

4. Designing Equitable Sociotechnical Systems. Guest lecture for UCSB course *Media, Technology, and Society.* Virtual. April 2022. (Instructor: Lisa Parks)

5. Beyond the Command: Feminist STS Research and Critical Issues for the Design of Social Machines. *CSCW.* Virtual. October 2021.

6. Relational Engineering Practices: Insights From a Feminist Data Science Lab. *Society for Social Studies of Science (4S).* Virtual. October 2021.

7. Sex, Power, and Technology: A Relational Engineering Ethos as Feminist Utopia. *MIT CMS Master's Thesis Presentations.* April 2021.

8. Internet Infrastructure in Montana. *Network Sovereignty Workshop.* Virtual - originally scheduled at Blackfeet Community College in Browning, Montana. January 2021.

9. Ambii: An Ambient & Non-Anthropomorphic Digital Assistant. *Artificial Creativity Conference.* Virtual - originally scheduled at Malmö University, Sweden. November 2020.

10. Mindfully Scrolling: Rethinking Facebook After Time Deactivated. *Media in Transition 10.* MIT in Cambridge, MA. May 2019.

OTHER MEDIA

1. *Gender, Power, & Tech* is an illustrated zine and accompanying short film. Written by Kelly B. Wagman, illustrated by Nicole Wagman, film produced by Page Ellerson. www.kellybwagman.com/zine

REVIEWING

- CHI (2022, 2023)
- CSCW (2023)

STUDENT SUPERVISION

- Kevin Song (University of Chicago undergraduate, 2021-22)
- Vallary Muhalia (University of Chicago undergraduate, 2021-22)