PhD Candidate
Computer Science & Engineering University of Washington

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AMANDA BAUGHAN

I am a PhD candidate in human-computer interaction and social computing. My work aims to design, implement, and evaluate the impact of UI/UX interventions – both novel and existing – on users' relationships to themselves and each other across digital communication platforms.

EDUCATION

2020–2024	University of Washington: Computer Science & Engineering, Ph.D.
2018–2020	University of Washington: Computer Science & Engineering, M.S.
2012–2016	University of Miami: Computer Science, Economics B.A., *magna cum laude*

WORK EXPERIENCE

2018–present	Graduate Research Assistant: University of Washington
2021-2022	Research Intern: Google Research
2019-2020	UX Researcher: Allen Institute for Artificial Intelligence (AI2)
2016–2018	UX Researcher, Operations Coordinator: Google

AWARDS AND HONORS

Conference Awards

2023	Selected as a participant for EECS Rising Stars
2023	Best paper honorable mention, CHI conference (top 5%) [C6]
2021	Best paper honorable mention, CHI conference (top 5%) [C2]

Fellowships and Scholarships

2018–19	Wilma Bradley Endowed Fellowship, University of Washington
2012-16	Foote Fellowship, University of Miami (top 10%)
2012-16	Isaac B. Singer Tuition Scholarship, University of Miami (top 2%)

JOURNAL PUBLICATIONS[1,2]

J2. Baughan, A., *Cross, K., Khasanova, E., and Hiniker, A.* "Shame on Who? Experimentally Reducing Shame During Political Arguments on Twitter." Proc. ACM Hum.-Comput. Interact. 6, CSCW2, Article 325 (November 2022).

J1. Baughan, A**.**, *Petelka, J., Yoo., Lo, J., Wang, S., Paramasivam, A., Zhou, A., and Hiniker, A.* 2021. "Someone is Wrong on the Internet: Having Hard Conversations in Online Spaces." Proc. ACM Hum.-Comput. Interact. 5, CSCW1, Article 156 (April 2021).

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[1] Student authors are typically listed first and senior authors are listed last, with advisor or PI as last author. Co-authors are indicated in italics.

[2] The top two venues in HCI are: CHI and CSCW (PACMHCI), see:
https://scholar.google.com/citations?view_op=top_venues&hl=en&vq=eng_humancomputerinteraction.

PEER-REVIEWED, ARCHIVAL CONFERENCE PUBLICATIONS

C6. Baughan A., *Mercurio, A., Liu, A., Wang, X., Chen, J.,* and *Ma, X.* "A Mixed-Methods Approach to Understanding User Trust after Voice Assistant Failure." Proceedings of the 41st annual ACM conference on human factors in computing systems (CHI '23). ACM, 2023.

C5. *Register, Y., Qin, L.,* **Baughan, A.,** *and Spiro, E*. "Attached to `The Algorithm': Making Sense of Algorithmic Precarity on Instagram." Proceedings of the 41st annual ACM conference on human factors in computing systems (CHI '23). ACM, 2023.

C4. Baughan A., *Zhang, M., Rao, R., Lukoff, K., Schaadhardt, A., Butler, L.,* and *Hiniker, A*. "`I Don't Even Remember What I Read': How Design Influences Dissociation on Social Media." Proceedings of the 40th annual ACM conference on human factors in computing systems (CHI '22). ACM, 2022.

C3. *Zhang, M., Lukoff, K., Rao, R.,* Baughan A., and *Hiniker, A*. "Monitoring Screen Time or Redesigning It? Two Approaches to Intentional Social Media Use." Proceedings of the 40th annual ACM conference on human factors in computing systems (CHI '22). ACM, 2022.

C2. Baughan, A*., Oliveira, N*., August, T., Yamashita, N.,* and *Reinecke, K.* 2021. "Do Cross-Cultural Differences in Visual Attention Patterns Affect Search Efficiency on Websites?" Proceedings of the 39th annual ACM conference on human factors in computing systems (CHI '21). ACM, 2021. Acceptance rate: 26%. (*= equal contribution)

C1. Baughan, A., *August, T., Yamashita, N.,* and *Reinecke, K.* 2020. "Keep it Simple: How Visual Complexity and Preferences Impact Search Efficiency on Websites." Proceedings of the 38th annual ACM conference on human factors in computing systems (CHI '20). ACM, 2020. Acceptance rate: 24%

WORKSHOPS, PANELS, AND OTHER JURIED PUBLICATIONS

W2. Baughan, A. 2023. "Relationality in Social Computing." Invited participant at the *Conceptualizing #Indigeneity in Social Computing* workshop at CSCW '23. ACM, 2023

S1. Baughan, A., Rajadesingan, A.. Hiniker, A., Resnick, P., Bruckman, A. 2022. "SIG on Designing for Constructive Conflict." SIG at the 40th annual ACM conference on human factors in computing systems (CHI'22) ACM, 2022.

W1. Baughan, A. 2020. "Crowdsourcing for Inclusion." Invited participant at the *Engaging Race in HCI* workshop at the 38th annual ACM conference on human factors in computing systems (CHI '20). ACM, 2020.

PUBLIC SCHOLARSHIP AND INVITED ARTICLES

- Baughan, A. 2022. "Why it's important to think about social media use as a form of dissociation, rather than addiction." *The Conversation.*

- Baughan, A**.** 2021. "Designed for arguments: Social media's effect on online disagreements." *The Conversation.*

- Baughan, A. 2021. "Implications of cross-cultural design for usability and A/B testing." *UX Collective,* guest blogger. 2 Feb 2021.

TEACHING

University of Washington, Information School

Spring 2023	Instructor, Moral Reasoning and Interaction Design (INFO 466)
	Theory-focused lectures combined with practice-focused design studios

University of Washington, Computer Science & Engineering

Fall 2019	Teaching Assistant, Introduction to HCI (CSE 440)

University of Washington, Foster School of Business

Summer 2019	Teaching Assistant, Programming Essentials (BUS AN 511)

University of Miami, Computer Science

Spring 2016	Teaching Assistant, Introduction to Computer Science (CSC 120)

SERVICE

External Reviewer, Peer-Reviewed Journals

2021	International Journal of Human-Computer Studies
2021-22	Proceedings of the ACM on Human-Computer Interaction (PACMHCI)
2020	Information Sciences

University Service

2019-21	CSE, GradsWomen Research events organizer
2019-21	CSE, graduate student mentor
2019	Community Data Science Workshop, tutor in Python for data analysis

SELECT MEDIA COVERAGE

I Don't Even Remember What I Read… 2022 [C4]	*Wall Street Journal,* "How to Keep From Getting Lost in Mindless Social-Media Scrolling." https://www.wsj.com/articles/stop-mindlessly-scrolling-social-media-11660067136. August, 2022.
	Scientific American, "Why Social Media Makes People Unhappy – And Simple Ways to Fix It." https://www.scientificamerican.com/article/why-

social-media-makes-people-unhappy-and-simple-ways-to-fix-it/. June, 2022

Someone Is
Wrong… 2021
[J1]

NPR, "Arguments online are a toxic mess. Here's how we fix them."
https://www.kuow.org/stories/to-mask-or-not-to-mask-that-is-the-pressing-pandemic-question. May, 2021.

KIRO, "Seattle Morning News with Dave Ross,"
https://omny.fm/shows/seattles-morning-news-with-dave-ross/amanda-baughan-alexis-hiniker-on-uw-internet-argum, May, 2021.