

Lisa Egede

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HCI Ph.D. Candidate | Researcher in Societal Computing & Digital Ethics

Professional Summary	Interdisciplinary researcher studying the societal impacts of AI systems, with a focus on culturally tailored and generative technologies in real-world community contexts.	
Education	Carnegie Mellon University , PhD in Human-Computer Interaction	August 2021 -
	GEM University Fellow, 2024 HCI Presidential Fellow	Summer 2026 (Expected)
	Carnegie Mellon University , Masters in Human-Computer Interaction	August 2021 - May 2024
University of Oklahoma , BS in Computer Science, Minor in IAS	Louis Stokes Alliances for Minority Participation Scholar, Dean's Honor Roll	August 2015 - May 2020
Selected Peer-Reviewed Publications	<p>[Paper] Lisa Egede. Exploring Black Communities' Perceptions and Design Approaches for Building Culturally Tailored AI Systems. Companion Publication of the 2025 ACM Designing Interactive Systems Conference (DIS 2025).</p> <p>[Paper] Myra Cheng, Su Lin Blodgett, Alicia DeVrio, Lisa Egede, and Alexandra Olteanu. ACL 2025. Dehumanizing Machines: Mitigating Anthropomorphic Behaviors in Text Generation Systems. In Proceedings of the 63rd Annual Meeting of the Association for Computational Linguistics (Volume 1: Long Papers), pages 25923–25948, Vienna, Austria. Association for Computational Linguistics. SAC Highlight 🏆</p> <p>[Paper] Lisa Egede, Ebtesam Al Haque, Gabriella Thompson, Alicia Boyd, Angela D. R. Smith, and Brittany Johnson. 2025. Exploring Culturally Informed AI Assistants: A Comparative Study of ChatBlackGPT and ChatGPT. In Proceedings of the Extended Abstracts of the CHI Conference on Human Factors in Computing Systems (CHI Extended Abstract '25). Association for Computing Machinery, New York, NY, USA, Article 242, 1–9.</p> <p>[Paper] Lisa Egede, Coney, L., Johnson, B., Harrington, C., Ford, D., "For Us By Us": Intentionally Designing Technology for Lived Black Experiences", Proceedings of the ACM Conference on Designing Interactive Systems (DIS 2024). Honorable Mention 🏆</p> <p>[Paper] C. Harrington, Lisa Egede, "Trust, Comfort, and Relatability: Understanding Black Older Adults' Perceptions of Chatbot Design for Health Information Seeking", Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI 2023)</p> <p>[Paper] M. Madaio, Lisa Egede, H. Subramonyam, J. Wortman Vaughan, H. Wallach, "Assessing the Fairness of AI Systems: AI Practitioners' Processes, Challenges, and Needs for Support", Proceedings of the ACM on Human-Computer Interaction 6. CSCW (2022): 1-26</p>	

**Relevant
Work
Experiences**

Carnegie Mellon University - HCI Institute

PhD Student Researcher | Advisors: Geoff Kaufman & Brittany Johnson

- Conducted semistructured interviews with technologists, developers, and users to generate actionable insights that directly informed design decisions, surfaced systemic biases, and guided fairness recommendations across industry and academic settings.
- Designed and conducted mixed-methods research studies examining the societal impacts of AI systems, including semi-structured interviews, qualitative coding, and comparative analysis of AI technologies.
- Collaborated with interdisciplinary researchers to lead multiple projects centered around culturally tailored and equitable design of AI systems, resulting in 10+ publications, 2 awarded papers, and 300+ citations.

📍 Pittsburgh,
Pennsylvania
May 2021 - Current

Microsoft Research - F.A.T.E Group

Research Intern | Mentor: Alexandra Olteanu

- Led a comprehensive literature review and conceptual study examining ethical and cultural implications of anthropomorphic generative AI systems.
- Identified emerging research gaps in responsible AI design and user perceptions of human-like AI agents, informing recommendations for future AI deployment.
- Synthesized findings into actionable insights and recommendations, presenting to cross-functional teams to influence research direction and ethical design practices.

📍 Montréal, Quebec
June 2024 - Sept 2024

IBM Research - Tech for Social Justice Group

Research Intern | Mentor: Stacy Hobson & Fearghal O'Donncha

- Collaborated with industry researchers and organizations to design and prototype an AI-driven tool for predicting water availability in Kenya, leveraging open-source visualization library PySheds.
- Partnered with engineers and research scientists to conduct exploratory user and systems research to understand equity-centered applications of AI for global development.

📍 Yorktown Heights, NY
May 2021 - Aug 2021

Microsoft Research - F.A.T.E Group

Research Intern | Mentor: Jenn Wortman Vaughan

- Partnered with interdisciplinary researchers (PhD/Post-Doc) to design and develop a 3-phase qualitative research study exploring fairness and ethics in AI systems.
- Presented key findings and literature reviews to cross-functional research teams to guide future responsible AI guidelines and product decisions across Microsoft.

📍 New York, NY
May 2020 - Aug 2020

- Selected Press & Talks**
- ❖ **[Guest Lecture]** “Culturally Tailored AI Assistants” November 2025
Human AI Interaction 05710 - Carnegie Mellon University
 - ❖ **[Guest Lecture]** "For Us By Us": Intentionally Designing Technology for Lived Black Experiences | *AI & Society Series Talk, Season 2 Episode 8 - Microsoft Research* March 2025
 - ❖ **[Guest Lecture]** “Designing with Communities” May 2025
Salzburg University of Applied Sciences / The University of Salzburg
 - ❖ **[Interview]** “Decoded: Black Journey in CS” November 2024
Institute for African American Mentoring in CS (IAACMS)

- Posters & Workshop Submissions**
- ❖ [Panel] A. Adjagbodjou, L. Egede. (2024). [Decolonizing Tech: Interrogating the Impacts of Generative AI on BIPOC Communities](#). *Tapia Diversity in Computing Conference*.
 - ❖ [Poster] L. Egede, Coney, L., Johnson, B., Harrington, C., Ford, D., "[Understanding Black People Building Technology For Black Lived Experiences](#)", ACM Conference on Computing and Sustainable Societies, COMPASS (2023).
 - ❖ [Workshop] L. Egede. [Understanding Technologists and Creators’ Needs for Support](#). *Digital Skills for the Creative Practitioner: Supporting Informal Learning of Technologies for Creativity*. CHI Workshop (2023).
 - ❖ [Panel] L. Egede, J. DeHart. (2022). [Navigating Your Advisor-Advisee Relationship](#). *Tapia Diversity in Computing Conference*,

Skills

Research Interests

Human-Centered AI, Responsible AI, Computational Social Science, Participatory Design, AI Ethics, Social Computing

Research Methods

Semi-Structured Interviews, Focus Groups, User Research Studies, Community-Based Participatory Design, Survey Development, Data Collection (Analysis and Interpretation), Usability Testing, Journey Mapping, Wireframing, Prototyping, Workshops, Codesign Sessions

Tools

Atlas.ti, GitHub, Data Visualization, Qualitative Coding, Research Data Management

Programming Languages

Proficient: Python

Prior Experience: C++, C, Java, SQL, Bash