

Cameron T. Cassidy

camcass@uci.edu; 979-864-7700

Personal Website; Google Scholar

Education

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| Ph.D. Informatics - University of California, Irvine Advisor: Stacy Marie Branham | 2021+ |
| M.S. Informatics - University of California, Irvine Advisor: Stacy Marie Branham | 2024 |
| B.S. Computer Science - Texas A&M University | 2020 |

Work Experience

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| INsite Lab - University of California, Irvine Graduate Research Assistant | Summer 2021+ |
| Carnegie Mellon University Undergraduate Research Intern (REU) | Summers 2017-2018 |
| Michael E. DeBakey Institute Undergraduate Research Intern | 2014-2015 |

Conference Publications

Cameron Tyler Cassidy, Stacy Marie Branham. 2024. Dude, Where's My Luggage? An Autoethnographic Account of Airport Navigation by a Traveler with Residual Vision. In *Proceedings of the 26th International ACM SIGACCESS Conference on Computers and Accessibility (ASSETS '24)*.

Cameron Tyler Cassidy, Isabela Figueira, Sohyeon Park, Jin Seo Kim, Emory James Edwards, and Stacy Marie Branham. 2024. Cuddling Up With a Print-Braille Book: How Intimacy and Access Shape Parents' Reading Practices with Children. In *Proceedings of the CHI Conference on Human Factors in Computing Systems (CHI '24)*. Association for Computing Machinery, New York, NY, USA, Article 125, 1–15.

Cole Gleason, Patrick Carrington, **Cameron Cassidy**, Meredith Ringel Morris, Kris M. Kitani, and Jeffrey P. Bigham. 2019. "It's almost like they're trying to hide it": How User-Provided Image Descriptions Have Failed to Make Twitter Accessible. In *The World Wide Web Conference (WWW '19)*. Association for Computing Machinery, New York, NY, USA, 549–559.

Conference Poster & Workshop Papers (Lightly-Reviewed)

Cameron T. Cassidy. 2024. Access and Intimacy: Co-Designing Assistive Technologies to Support Visually Impaired Parents in Co-Reading. SIGACCESS Access. Comput. 137, Article 6 (January 2025). Association for Computing Machinery, New York, NY, USA, Article 88, 1–4. *To Appear*.

Sohyeon Park, **Cameron T. Cassidy**, and Stacy M. Branham. 2023. "It's All About the Pictures:" Understanding How Parents/Guardians With Visual Impairments Co-Read With Their Child(ren). In *Proceedings of the 25th International ACM SIGACCESS Conference on Computers and Accessibility (ASSETS '23)*. Association for Computing Machinery, New York, NY, USA, Article 88, 1–4.

Cameron Cassidy, Sohyeon Park, and Stacy M. Branham. 2023. Alexa, Siri, and Cortana Walk into a Library: The Potential of Voice Assistants in Creating Accessible Co-Reading Experiences. Workshop on Conversational User Interfaces (CUI), ACM SIGCHI Conference on Human Factors in Computing Systems (CHI '23), Hamburg, Germany, April 23-28, 1-4.

Cameron T. Cassidy. 2017. Identifying Visual Cues to Improve Independent Indoor Navigation for Blind Individuals. In *Proceedings of the 19th International ACM SIGACCESS Conference on Computers and Accessibility (ASSETS '17)*. Association for Computing Machinery, New York, NY, USA, 413–414.

Cassidy C., and Shell D. 2017. Dynamic Doubling Lists: An Insertion-Centric Alternative. In Explorations Undergraduate Research Journal

Service

Conference Paper Reviews

ACM CHI Conference on Human Factors in Computing Systems (CHI '25)
ACM SIGACCESS Conference on Computers and Accessibility (ASSETS '24)
ACM CHI Conference on Human Factors in Computing Systems (CHI '24)
ACM CHI Conference on Human Factors in Computing Systems (CHI '23)

Conference Session Chair

ACM SIGACCESS Conference on Computers and Accessibility (ASSETS '24)
ACM CHI Conference on Human Factors in Computing Systems (CHI '24)
ACM CHI Conference on Human Factors in Computing Systems (CHI '23)

Conference Student Volunteer

ACM SIGACCESS Conference on Computers and Accessibility (ASSETS '21)

Guest Talks and Panels

"Experiences of People with Disabilities". Panelist. Tapia Celebration of Diversity in Computing, San Diego, CA. September 2024
"Malicious" Pictorials: How Alt Text Matters to Screen Reader Users' Experience of Image-Dense Media." Presented in absentia for Alyson Yin. In Proceedings of the 2024 ACM Designing Interactive Systems Conference (DIS '24)
"Panel of Blind and Low Vision STEM College Students." Panelist. Accessing STEM in Higher Education Visit Day, Irvine, CA. Spring 2024
"What's It Like to Be a Professor?" Talk in collaboration with Isabela Figueira, Stacy M. Branham. Loma Ridge Elementary School, Irvine, CA. May 5, 2023

Community Service

Accessing STEM in Higher Education Visit Day. Volunteer Organizer. Irvine, CA. Spring 2024
"Smartphones for Older Adults with Vision Loss." Webinar in collaboration with Isabela Figueira, Stacy M. Branham. Dayle McIntosh Center, Irvine, CA. Online virtual event. August 30, 2023
"RealSAM Pocket for Older Adults with Vision Loss." Webinar in collaboration with Isabela Figueira, Stacy M. Branham, Dayle McIntosh Center, Irvine, CA. Online virtual event. June 14, 2023
"MiniVision2+ for Older Adults with Vision Loss." Webinar in collaboration with Isabela Figueira, Stacy M. Branham. Dayle McIntosh Center, Irvine, CA. Online virtual event. April 12, 2023
Texas Junior Science & Humanities Symposium. Computer Science Category Judge. 2019-2022

Graduate TA and Teaching Experience

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| IN4MATX 131 | Human Computer Interaction | Fall 2024 |
| IN4MATX 132 | Projects in Human Computer Interaction | Winter 2024 |
| IN4MATX 132 | Projects in Human Computer Interaction | Spring 2022 |
| IN4MATX 131 | Human Computer Interaction | Winter 2022 |
| IN4MATX H81 | Ethics, Technology, and Design | Fall 2021 |