



CENTER FOR RESEARCH AND EDUCATION ON ACCESSIBLE TECHNOLOGY AND EXPERIENCES

UNIVERSITY of WASHINGTON

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This month, our [Research Spotlight](#) is on a project that supports users who are Deaf and hard-of-hearing. In [CREATE News](#): our first Race, Disability & Technology grant; two open source tools that support users of wheelchairs and strollers and blind/low vision users. Check out a couple of [events](#) happening very soon. And don't miss the [video of CREATE leaders](#) on NSF Discovery Files.

CREATE is hiring!

CREATE seeks a Director of Strategy and Operations to join our team as a key leader to help steward this new multidisciplinary institute that involves faculty from multiple units across campus. Please share with anyone you think might be interested. [Learn more and apply.](#)

RESEARCH SPOTLIGHT

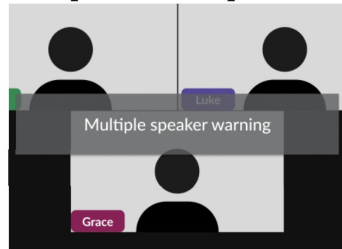
Codesigning videoconference tools for groups with mixed hearing



A team led by CREATE Ph.D. student [Emma McDonnell](#) investigated how small groups with mixed hearing statuses could be better supported during videoconferences. In a series of codesign sessions, participants reflected on experiences with captioning.

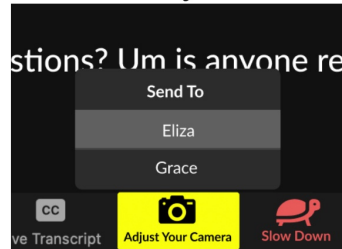
Participants sketched and discussed their ideas for technology that could help build accessible group norms, and then critiqued video prototypes that researchers created from their ideas.

B2 - Speaker Overlap



"In the middle of the screen, in a way that it's not too jarring, but you can't ignore it" – Blake

B3 - Camera Adjustment



"If I'm talking . . . and I'm muted, . . . that same kind of approach could be used" – Bea

McDonnell, a Ph.D. candidate in Human Centered Design & Engineering, is advised by CREATE associate director [Leah Findlater](#). Last spring she received a Dennis Lang Award from the UW Disability Studies program.

- [CREATE news post](#)
- [Paper published in CHI 2023](#)

CREATE NEWS

First Race, Disability & Technology Grant Awarded

CREATE has awarded its first Tier 1 grant for the [Race, Disability & Technology initiative](#). The proposal, "Examining Black Experience in Accessibility Technologies," is for an interview study with people who are both Black and disabled to explore Black experience in accessibility and accessibility technologies and recognizes that assumptions of whiteness are ubiquitous in interactive technologies.

- Submitted by: [Aaleyah Lewis](#), Ph.D. student and CREATE associate director [James Fogarty](#), both of the UW Allen School.

The [next call for proposals](#) is for Fall 2023, with letters of intent due October 6 and invited full proposals due November 15.

Web4All recognizes CREATE open source projects

CREATE projects shone this spring at the [Web4All 2023 conference](#). Two CREATE-funded open source projects won accolades:

Best Technical Paper: [Understanding and Improving Drilled-Down Information Extraction from Online Data Visualizations for Screen-Reader Users](#)

Authors include three from the Allen School: CREATE Ph.D. student [Ather Sharif](#), student [Andrew M. Zhang](#), CREATE faculty member [Katharina Reinecke](#); and CREATE associate director [Jacob O. Wobbrock](#), iSchool.

Accessibility Challenge Delegates' Award: [UnlockedMaps](#)

Congratulations again to Ather Sharif, who leads work on the app that helps commuters with wheelchairs, strollers, and bicycles in Seattle and five other cities plan their commutes without inconvenient surprises.

Dhruv Jain named SIGCHI VP for A11y



[Dhruv Jain](#), '22 Ph.D., UW CSE and former CREATE researcher, will oversee SIGCHI's efforts to make conferences and publications more accessible to people with disabilities. Now a faculty member at the University of Michigan, Jain worked in the [Makeability Lab](#) and was advised by CREATE associate directors [Leah Findlater](#) and [Jon Froehlich](#).

Wobbrock team awarded a Ten Year Technical Impact Award



CREATE associate director [Jacob O. Wobbrock](#) received the [2022 Ten Year Technical Impact Award at the ACM International Conference on Multimodal Interaction](#). Wobbrock and coauthors Radu-Daniel Vatavu and Lisa Anthony, were honored for their their 2012 paper titled [Gestures as Point Clouds: A \\$P Recognizer for User Interface Prototypes](#).

PARTNER NEWS

Equitable policing app launched by former CREATE Advisory Board member

At the intersection of race and disability, the [Virtual Traffic Stop](#) (VTS) app was designed by former CREATE advisory board member [Juan E. Gilbert](#) to increase safety during traffic stops. It acts as an icebreaker between law enforcement and drivers to reduce tensions during the traffic stop.

EVENTS

Addressing the Criminalization of People with Disabilities

- Tuesday, July 25, 2023, 10 - 11 a.m.
- [Register to attend](#)

This hybrid event addresses the rights of people with disabilities to avoid needless involvement with the criminal justice system. Presented by the U.S. Department of Justice, Civil Rights Division.

AccessHack

- [July 21-23, 2023](#)
- [Registration](#)

Undergrads passionate about accessibility are invited to [AccessHack](#) to learn, collaborate, and compete while addressing real-world accessibility challenges. Former CREATE Ph.D. student Megan Hofmann is a host.

WHAT WE'RE WATCHING

CREATE Director [Jennifer Mankoff](#) and Associate Director [Heather Feldner](#) appeared recently on the [CREATE-ing Access episode](#) of National Science Foundation's *NSF Discovery Files*. The two shared the center's long-term goals, some of the ongoing research, and their views of common misconceptions about disability. Give it a look and give it a like!



CREATE's mission is to make technology accessible, and to make the world accessible through technology.

Any UW student or faculty researcher working on accessibility of or through technology can join UW CREATE:

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