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The work of the **Wireless RERC** is made possible by the active involvement of people with disabilities, the wireless industry and relevant stakeholders.

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Accessibility

The **Rehabilitation Engineering Research Center for Wireless Inclusive Technologies (Wireless RERC)** integrates research, development, training, and outreach activities related to established wireless technologies and emerging wirelessly connected devices and services. The Wireless RERC promotes a transformative future where people with disabilities achieve independence, improved quality of life, and enhanced community participation through access to a dynamic inclusive wireless ecosystem.

Understanding User Needs

Wireless technologies are important for people with disabilities who often face access barriers.

We work directly with consumers by:

- Consulting with our Consumer Advisory Network (CAN).
- Conducting survey research to track wireless trends.
- Facilitating focus groups and user testing.
- Promoting accessible wireless options to increase consumer awareness.



Technology Development

Our research informs our innovative development of devices and services including:

Inclusive Emergency Lifelines development of wireless accessibility features to ensure equitable access during emergencies, including rapid warning Wireless Emergency Alerts (WEA) and first-responder networks.

Wirelessly Connected Devices, specifically R&D of wearables, the Internet of Things (IoT) and advanced auditory devices for people with sensory, dexterity, and cognitive disabilities.

Policy and Outreach to Stimulate Inclusivity

The Wireless RERC examines and analyzes policy issues related to the use and accessibility of wireless communication and other information technologies. Substantive input is provided to Federal agencies and other stakeholders to reduce barriers and advance inclusive policy development.

Capacity Building and Training

The Wireless RERC provides advanced-level graduate student research and training on accessibility and usability of wireless technologies and the application of Universal Design into products.

