

Research Study on Digital Assistance for Older Adults with Mobility Disability

The goal of the study is to understand the attitudes, experiences, and preferences toward the use of digital assistance technologies within the home by older adults with mobility disability over the span of up to 12 weeks. The technologies will be provided for free and self-installation will be facilitated by the research team.

Participants must meet the following criteria:

- Over the age of 60
- Fluent in English
- Self-identify as having a mobility disability before the age of 50
 - Either use a mobility aid (such as cane, crutches, wheelchair, walker, or scooter) **OR** report having serious difficulty walking or climbing stairs.
- No experience using the category of technologies involved with the study:
 - Digital home assistants (e.g., Amazon Echo)
 - Smart light bulbs
 - Smart plugs
- Have a suitable environment for use of the technologies for this study:
 - Own an Apple smart phone (preferred) or iPad
 - Personal WiFi network access (i.e., wireless router access)

Participants will be compensated up to \$120 for their participation, as well as will keep the technologies provided upon completion of the study. If interested, contact Kenneth Blocker at blocker3@illinois.edu or by phone at (217) 265-0150



This study is a collaboration between the Human Factors and Aging Laboratory at the University of Illinois Urbana-Champaign College of Applied Health Sciences and the Rehabilitation Engineering Research Center on Technologies to Support Aging-in-Place for People with Long-Term Disabilities (RERC TechSage).