

ASSIST Pilot Study



The purpose of this research study is to evaluate a service delivery model using mainstream smart home technology (MSHT) to support participation and independent living skills for persons with physical disabilities.

MSHT includes any off-the-shelf technology that can be used to increase environmental control, independence, and participation. Some examples are smart speakers, smart thermostats, smart locks, and smart lights.

You will be asked to:

- Complete questionnaires, interviews, and up to 12 sessions with the study investigators to support the assessment, selection, installation, and training of MSHT that can be used for environmental access, activities of daily living, and social or leisure activities.
- Sessions will last 1-3 hours and will be held virtually via Zoom or in your home.
- Use the smart home technologies provided for 6 months.



Participants keep the smart home technology provided to them as part of the study.

You may be eligible to participate if you:

- Are 21 years of age or older.
- Use a power wheelchair as your primary means of mobility (40+ hours a week).
- Self-report difficulties in independently controlling or accessing your environment.
- Have been living in your own residence for at least 6 months.
- Use a smartphone, a tablet, or an AAC device.
- Are interested in using smart home tech in your daily activities.
- Have internet service in your home.

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