

Help Create Accessible Maps for Wheelchair Users in the Community



IRB Protocol ID#
0738r [MU], 733 [UMBC], 264 [UWM]

Scan the above QR Code or click the link below
https://miamioh.qualtrics.com/jfe/form/SV_81bjOcVyO57vj6K

You are invited to participate:

We are looking for people aged 18 or older who are wheelchair users to participate in this research study. Participation is completely voluntary. Declining to participate will involve no penalty or loss of benefits to which you are otherwise entitled.

Purpose:

This research study aims to create a wheelchair-user community to build a crowd-sourced accessibility map. The participants will collect passive built-in sensor data (e.g., accelerometer, gyroscope, and GPS) while using their wheelchairs and smartphones. The collected data will help to build an accessible routing and navigation system for wheelchair users. You will be asked to contribute data during your daily wheeled mobile activities using a smartphone app.

There will also be an online survey that will take approximately 15 to 30 minutes. Participants have the full right to decide when, where, and how long they would like to contribute data.

Eligibility criteria for the study:

- You must be aged 18 years or older, have an ambulatory disability, and can move around using a wheelchair.
- You must be interested in being out in the community on a regular basis.
- You must be open to using assistive technology to facilitate mobility.
- You must have access to handheld devices (smartphones and tablets) to contribute sensor data while using a wheelchair.

Compensation:

- The first 120 participants who complete the survey and contribute sensor data for at least 20 hours in total will be provided a \$25 gift card for their time and contribution.

Please ask questions (Dr. Raychoudhury, mypath@miamioh.edu, 513-529-0845) about anything you do not understand before deciding whether or not to participate.

