



## Assistive Device Study

### Learning and Evaluating Assistive Device Control with Autonomous Corrections

The Shirley Ryan Ability Lab is conducting a research study that will investigate a new approach for providing assistance for controlling an assistive device with limited interfaces for motor-impaired individuals.

We need participants with spinal cord injury.

Your participation will be used to evaluate whether this approach can improve the control of assistive devices such as robotic arms by spinal cord injured individuals.

Participants in this study will:

- Control a robotic arm, robotic powered wheelchair, or simulation using a different input devices (e.g. joystick, sip and puff straw, or switches) to perform common daily manipulation or navigation tasks.
- Answer questionnaires about the study.

For more information, please contact

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**Participants must meet the following criteria:**

- **Ages 18 and up**
- **Have spinal cord injury**

**Participants will receive an hourly stipend.**

**The study length will be 1-2 sessions lasting approximately 1-2 hours each.**