Robotic Arm Study

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| **Learning Robotic Arm Control with a Body-Machine Interface**  The Shirley Ryan Ability Lab is conducting a research study that  will evaluate how people learn to fully control a robotic arm using a body-machine interface.  We need participants with no history of neuromotor impairments or any other conditions that affect arm, shoulder or upper trunk mobility.  We are investigating a new approach for learning the control of assistive devices for spinal cord injured individuals with a body-machine interface. 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:   * Operate a simulated and/or robotic arm to perform common daily tasks using arms and/or shoulders. * Answer questionnaires about the tasks performed.   For more information, please contact Mahdieh Nejati Javaremi at [**mjavaremi@sralab.org**](mailto:mjavaremi@sralab.org)  or Dalia De Santis at [**ddesantis@sralab.org**](mailto:ddesantis@sralab.org) | **Participants must meet the following criteria:**   * **Ages 18 and up** * **Able to give informed signed consent**   **Participants will receive an hourly stipend.**  **The study length will be 1-5 sessions lasting approximately 2 hours each.** |