The University of Michigan Direct Brain Interface Laboratory and the Cerebral Palsy Alliance are looking for:
People ages **10 to 29 years** diagnosed with Cerebral Palsy to participate in

**Research Comparing Brain-Computer Interfaces and Eye-gaze Interfaces for Standardized Testing**

Some people can under-perform on standardized ability tests due to difficulty talking or pointing. This study compares two access methods to enable someone to take a vocabulary test without talking or pointing in order to determine which more effectively accommodates people with multiple impairments. One method requires only eye movement (called an Eye-Gaze Interface). The other method requires no movement (called a Brain Computer Interface). Children and adults with cerebral palsy in the United States and Australia will compare the interfaces.

- Participants must be able to see pictures on a computer screen.
- Participants will be asked to participate in 2 visits.
- Participants should **not** be able to speak or point

Participation involves recording of EEG activity using an electrode cap that the test-taker wears. Electrode gel will be gently applied to your scalp, and can be washed off right after the session is concluded. Each study visit takes 2-3 hours, upon completion of the first visit you will get a $50 check, and completing the second session will get you an additional $80 for $130 in total.

If you'd like to try a brain-computer interface and an eye-gaze interface, contact **UM-DBI-Research@med.umich.edu** or 734-936-7178