

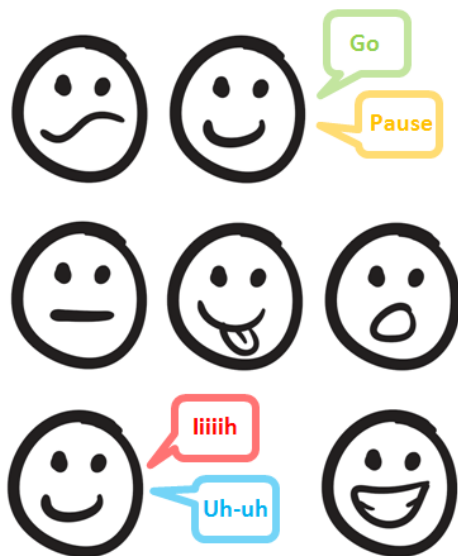
# Participate in Research

## A personalizable access technology for children with cerebral palsy and complex communication needs



**Principal Investigator:**  
Dr. Tom Chau

**Centre for Leadership:**  
Applied Innovation



### CONTACT INFORMATION:

To ask questions or to sign up, please contact

**Silvia Orlandi**

PRISM Lab, Bloorview Research Institute  
sorlandi@hollandbloorview.ca  
416-425-6220 x6480

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**Do you want to help kids with cerebral palsy and complex communication needs?** Consider participating in a research study about developing a novel access technology personalizable at home

### What is this study about?

Access technologies can help people with severe motor impairments communicate. We want to develop an access technology which will be able to recognize users' specific vocalizations, keywords and/or facial movements.

### Who can participate?

We are looking for typically developing children who:

- are between 6 and 18 years of age
- have no neurodevelopmental disorders (including motor disorders, ADHD, ASD, communication disorders, and intellectual developmental disorders)
- are able to communicate in English
- have normal or corrected-to-normal vision
- have no conditions that may impact the measurements of the study or their ability to follow the experimental protocol.

### What's involved?

- You will be asked to come in for 4 sessions.
- Sessions 1 and 2 will last ~2 hours. Sessions 3 and 4 will last ~1 hour.
- The sessions will take place at Holland Bloorview and will be scheduled at your convenience.
- You will be asked to perform simple activation tasks (e.g., smiling, blinking, opening/closing your mouth, saying specific words such as "next" and "go") using a custom computer activity.
- We will record audio and video signals using a microphone and a webcam.

### What are the benefits of participating?

You will not directly benefit from the study but your participation will help us in the development of a personalizable access technology for children with cerebral palsy.