

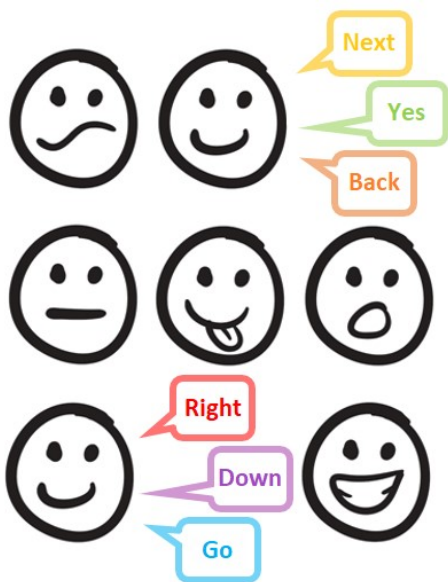
# Participate in Research

Expanding digital access and employment readiness through a personalizable access technology: SwitchApp



## Principal Investigator:

Dr. Tom Chau



**Are you a young person who uses switches and other access technologies to communicate and get things done?** Consider participating in our research study to help us evaluate a personalizable access technology.

## What is this study about?

We have created an access technology called SwitchApp, which users can personalize to recognize their unique vocalizations, keywords and/or facial movements. We want to optimize user experience and evaluate the usability and performance of SwitchApp for employment-related tasks.

## Who can participate?

We are looking for people who:

- are between 16 and 30 years old,
- have a motor impairment that makes it difficult or tiring for them to use standard technology interfaces (e.g., mouse, keyboard, touchscreen),
- currently use or have previously used an access technology (e.g., a switch or joystick) to communicate and/or write in an independent, functional, and regular manner (at least 3 times a week),
- can consistently control facial movements and/or produce a few keywords/sounds,
- have a caregiver, family member, or friend who will also participate.

## What's involved?

- **2 personalization sessions** of 1.5-2 hours at Holland Bloorview: You will personalize SwitchApp by recording and reviewing audio/video clips of you performing simple activation tasks (e.g., blinking, saying "next" or "go").
- **1 functional testing session** of 1-1.5 hours at Holland Bloorview: You will use SwitchApp to complete employment-related tasks (e.g., opening programs on a computer, typing a short text).
- **1 follow-up interview** of 45 minutes at Holland Bloorview or virtually: We will collect your impressions and feedback about SwitchApp.
- During each session, we will record audio and video. You will also be asked to complete multiple questionnaires throughout the study.

## Potential benefits?

You will not benefit directly by participating, but you will help us improve the design of SwitchApp.

## Potential risks?

You may get tired or frustrated during the sessions. You will be able to take breaks and rest if that happens.

Participants will receive a small token of appreciation to thank them for their time.

## CONTACT INFORMATION:

To ask questions or to sign up, please contact:

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