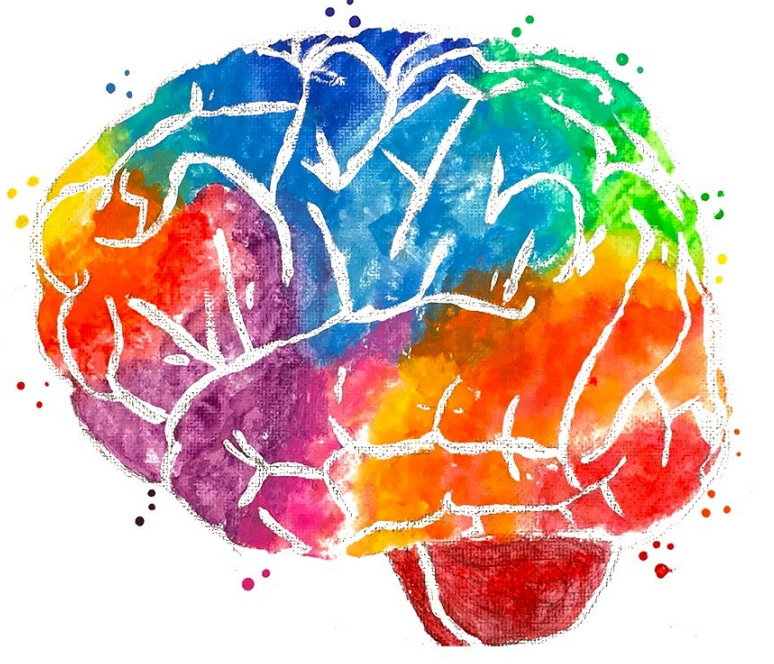


Research Study: Understanding the brain using neurostimulation

We are using magnetic therapy & brain recordings to better understand the developing brain!



Who are we looking for?

Children, teenagers, and emerging adults between the ages of 8 and 25 years of age.

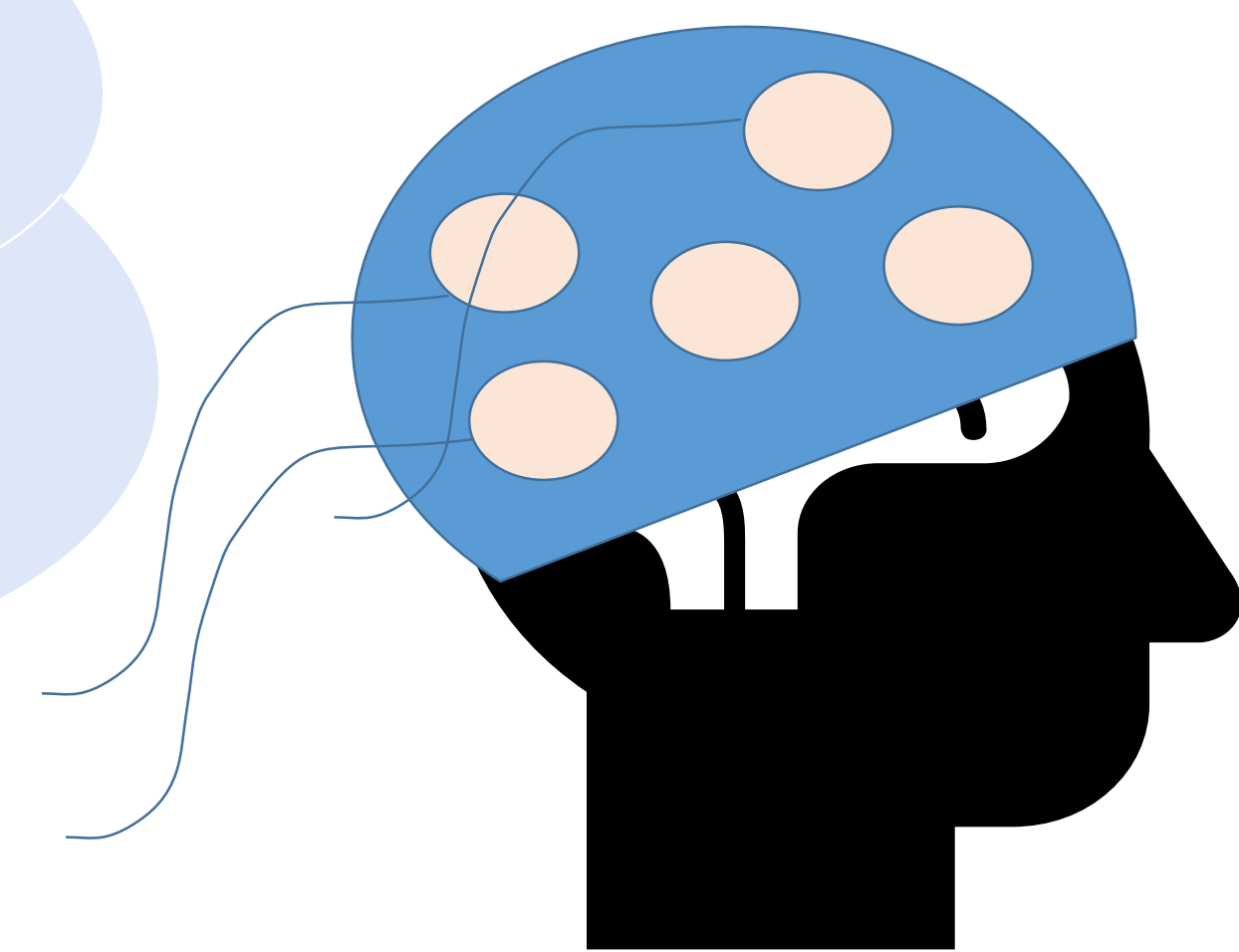


The study involves:

- 1) A series of computerized tasks and mental health questionnaires.
- 2) Brain activity will be recorded during these tasks using electroencephalography (or EEG).
- 3) After the task, we will complete 1 session (~15 minutes) of repetitive Transcranial Magnetic Stimulation (rTMS).

WHAT IS EEG?

EEG is a safe and non-invasive method to measure the electrical activity generated by your brain.



WHAT IS rTMS?

rTMS is a safe and non-invasive brain stimulation method that can temporarily change brain activity and function.



Please contact brainkids@ucalgary.ca or call 403-955-2784