

CHILD & ADOLESCENT RESEARCH PARTICIPANTS NEEDED



Purpose: to understand **cognitive control** and **brain activity** in children and adolescents using **electroencephalography (EEG)**

Principal investigator: Travis Baker, PhD (travis.e.baker@rutgers.edu)

Study description: this research will involve:

- Performing two computer tasks that require them to make decisions and process feedback while wearing an EEG cap
- We will record your brainwaves (EEG) during these games
- Performing several computer- and paper-based thinking tasks (e.g. memorizing items and numbers, solving math problems, and reading words)

Inclusion criteria: the participant must

- Be aged 6 -17 year-old and speaks English
- Has normal or corrected-to-normal vision and hearing

Exclusion criteria, the participant must **not** have:

- Neurodevelopmental disorder (e.g. autism spectrum disorder, ADHD)
- History of brain injury (e.g. concussion) or seizures
- Congenital condition associated with intellectual disability (e.g. Williams syndrome)
- Language or reading disorders

Participants are financially reimbursed for their time (\$50/session)

Testing involves: single session lasting about 2 hours

Testing is conducted at the Cognitive Neuroimaging and Stimulation Lab, located at the Center for Molecular and Behavioural Neuroscience, Rm 206, 197 University Ave, Newark

If you are interested in hearing more about the study, or to check whether you are eligible, please contact Mei-Heng Lin, PhD, Postdoctoral Research Associate, by

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