

Volunteers needed...
DONATE YOUR BRAIN WAVES TO SCIENCE!
Understanding the use of Rhythm for Sensory, Motor,
and Cognitive Processing

Brainwaves Research Lab
Colorado State University

Purpose of this study: This research project studies brain activity while participants listen to or move to simple rhythms. Brain activity is recorded using standard electroencephalography (EEG) techniques. This study will allow us to gain insight into how the brain detects, identifies, and combines different sensory and cognitive experiences.

Who:

To be eligible for participation, individuals must:

- Be 18–39 years old
- Have normal or corrected vision
- Have normal hearing
- Not have a current or past history of significant brain injury
- Not have a current or past history of neurological or psychiatric conditions (e.g., epilepsy, schizophrenia, bipolar)
- Not have a current or past history of disabilities (e.g., learning disabilities, ADHD, speech or language impairments, hearing impairments, or motor/physical disability)

Where: Brainwaves Research Lab at Colorado State University in University Center for the Arts, room 147, within the Music Therapy suite.

What will you do: A stretch cap, similar to a bathing cap, with EEG sensors will be placed on your head. Then you will hear some sounds presented through earphones and you may be asked to attend to, make judgments about, classify, ignore, remember, or make motor movements. Your brain's electrical activity will be recorded. You will also complete some paper and pencil tasks before and after an activity that involves walking. Due to the nature of sensor application, there may be some gel residue in your hair after the session and you may want to wear a cap or plan time to return home to wash your hair.

How long will it take: This study will involve one testing sessions that will last about 2 hours. There will be no monetary remuneration for your participation in a study. However, you will gain knowledge about EEG and be able to see your brain activity on a computer screen.

If you wish to volunteer for this study email:

brainwaves@colostate.edu