

Examining Lateralized Aspects of Motor Control Using Non-invasive Neural Stimulation

Status: RECRUITING

Eligibility Criteria

Age: 18 years to 40 years old

This study is also accepting healthy

Healthy Volunteers: volunteers

Inclusion Criteria:

* Right-handed as determined by the short-form Edinburgh Handedness Inventory * Between the ages of 18 and 40

Exclusion Criteria:

* Mixed- or left-handed as determined by the short-form Edinburgh Handedness Inventory * Self-reported history of any of the following: Seizure and/or diagnosis of epilepsy Fainting spells Concussion with loss of consciousness Ringing in the ears (tinnitus) Cochlear implants Migraines Diagnosed psychological or neurological condition Metal in the scalp * Any previous adverse reaction to a brain stimulation technique * Any previous adverse reaction to 3D virtual reality environments (i.e. 'cybersickness') * Possibility of being currently pregnant (for females only) * Current open head wound or skin condition of the scalp * Current implanted device(s) (i.e. cardiac pacemaker)

Conditions & Interventions

Interventions:

BEHAVIORAL: Comparing motor adaptation reaching performance

Conditions:

Motor Adaptation and Generalization, Posterior Parietal Cortex, Cerebellum

More Information

Contact(s): Brooke Dexheimer, PhD, OTD, OTR/L - dexheimerb@vcu.edu

Principal Investigator:

Phase: NA

IRB

Number:

System ID: NCT05947279

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