



UNIVERSITY OF
SOUTH DAKOTA
SANFORD SCHOOL OF MEDICINE

STUDY OPPORTUNITY

In

“fMRI Correlates of Mental Workload and Sustained Attention”

This project is aimed at developing a better understanding into how your brain responds when you have to perform multiple tasks at the same time.

Part 1 of the study includes completing a questionnaire that will determine your ability to safely be within a magnetic resonance imaging (MRI) scanner, as well as a few questionnaires a. This meeting will take place on the USD campus and will take 1 hour. You will receive \$20 for your time.

Part 2 of the study involves completing a task designed to assess your sustained attention. This session will take place twice, at Avera Sacred Heart Hospital in Yankton and will take about 3 hours. You will be reimbursed with \$40 cash OR a 3D replica of your brain made out of plastic for each of these sessions.

Part 3 of the study involves completing six training sessions over two-weeks, each will take approximately 2 hours. In these sessions we will record your brain activity through electroencephalography (EEG). In some sessions you may have a very weak electrical current applied to your brain. You will be reimbursed \$20 cash for your time for each of these sessions.

If you are interested in participating, you are right-hand dominant, between the ages of 18 & 40, have no known history of neurological or psychiatric disorder which might affect brain function, and you have functional vision:

Contact Dr. Lee Baugh at **605-658-6340** or email **NeuroCore@usd.edu** to set up an appointment.

USD Research
605-658-6340

USD Research
605-658-6340

USD Research
605-658-6340

USD Research
605-658-6340

USD Research
605-658-6340

USD Research
605-658-6340

USD Research
605-658-6340

USD Research
605-658-6340

USD Research
605-658-6340

USD Research
605-658-6340