

WAIVER OF DOCUMENTATION OF CONSENT SCRIPT

Protocol Title: A study of motor learning using a web-based platform

KEY INFORMATION

This is a study exploring motor skill and adaptation in healthy adults.

Participants will be asked to press keys on a keyboard or move an external computer mouse.

Study duration and payment will vary.

The main risk is that you may become tired and uncomfortable from using your computer for the duration prescribed in the experiment. There is also a risk of hacking or downloading a virus as is with any usage of the internet and that information about you may become known to others. To minimize this risk, we use a trusted and certified online platform to protect your privacy and property.

PURPOSE

You are being asked to take part in a research study. The purpose of this study is to better understand how the brain is able to acquire new skills and adapt to changes in the environment. We are testing motor skills and adaptation in healthy subjects between the ages of 18 and 65.

PROCEDURES

During this experiment you will be asked to either press keys on your keyboard or move an external mouse in response to visual and auditory stimulation on your computer screen.

During the experiment, the software will record the timing of presentation of visual cues on your screen, as well as your responses. The software will additionally log the time and date at which you completed each experimental session. Once you complete a session, a copy of your data will be automatically uploaded to our remote servers.

We will collect information about you in this study (name, age, handedness).

*Study duration will vary. Some may be conducted in a single 1 to 2-hour session, while others will require multiple sessions over several days/weeks, each lasting up to 1 hour. We will specify the amount of time per session and how many sessions are needed for each person's experiment.

RISKS/DISCOMFORTS

Possible adverse effects may be fatigue and discomfort associated with using your computer for the duration prescribed in the experiment.

There is also a risk of hacking or downloading a virus as is with any usage of the internet and that information about you may become known to people outside this study. To minimize this risk, we use a trusted and certified online platform to protect your privacy and property.

To protect your privacy, you will be assigned a code that will uniquely identify your data throughout the experiment. Your name, code, and demographic information will appear only in a single document maintained on a secure computer under password protection in the lab. All other computer files and data related to you will use only the numeric identifier.

BENEFITS

There is no direct benefit to you from being in this study. Society will benefit from the knowledge obtained from the experiments and subsequent data analysis.

VOLUNTARY PARTICIPATION

You do not have to agree to be in this study. If you do not join, your employment/education at Johns Hopkins will not be affected.

You can agree to be in this study now and change your mind later. You may stop the study at any time. Leaving this study will not adversely affect you.

PAYMENT

* Participants will be paid at differing rates based on the total amount of time and days needed for each experiment. We will inform participants of their exact amount in this section of the consent.

You will be automatically entered into a competition for the top 3 performances. Winners of the competition will be determined among all experiment participants who enter the study. The top three finishers will receive \$100, \$75, and \$50 for first, second, and third place, respectively.

COST

There is no cost for you to participate in this study.

IDENTIFIABLE INFORMATION IN FUTURE RESEARCH

We may use the information collected through this study for future research including research with external collaborators. Generally, when sharing information for future research we will take precautions to remove any information that could identify you (like your name) before sharing.

HIPAA DISCLOSURE

People at Johns Hopkins who are involved in the study or who need to make sure the study is being done correctly will see the information.

People at Johns Hopkins may need to send your information to people outside of Johns Hopkins (for example, government groups like the Food and Drug Administration) who need to make sure the study is being done correctly. These people will use your information for the purpose of the study.

Your Authorization for the collection, use, and sharing of your information does not expire. We will continue to collect information about you until the end of the study unless you tell us that you have changed your mind. If you change your mind and do not want your information to be

used for the study, you must contact the Principal Investigator by using the contact information provided in this document. Your cancellation will not affect information already collected in the study, or information that has already been shared with others before you cancelled your authorization.

We try to make sure that everyone who needs to see your information uses it only for the study and keeps it confidential - but, we cannot guarantee this.

CONTACT INFORMATION:

If you have any questions about this study, please feel free to contact the Principal Investigator: Adrian Haith- blamlab@jhmi.edu

The IRB can help you if you have questions about your rights as a research participant or if you have other questions, concerns or complaints about this research study. You may contact the IRB at 410-502-2092 or jhmeirb@jhmi.edu.