



CONSENT TO PARTICIPATE IN RESEARCH

Title of Study: Cognitive Neuroscience Studies of Action and Cognition Consent to Participate in a Research Study (for individuals with neurological disorders who participate in online studies)

Key Information

- You are being invited to participate in a research study. Participation in research is completely voluntary.
- The purpose of the study is to examine human performance, with a focus on how people become skilled, both in terms of movement and cognition. The study will take a total of up to one hour.
- Risks and/or discomforts may include the rare risk of frustration with the task.
- There is no direct benefit to you. We expect this research to lead to a better understanding of their problems and hope that this knowledge will eventually improve treatment for patients with neurological problems.

Introduction

My name is Professor Richard Ivry. I am a faculty member in the Psychology Department at the University of California, Berkeley. I invite you to take part in a research study.

Purpose

The research deals with human performance, and in particular how people become coordinated in both their movement and thought, or cognition. The study may involve performing different tasks that will assess your motor and/or cognitive abilities. We are interested in how injury to the brain affects performance on these tasks. You are being asked to take part in this study because you have a disorder or injury to your brain.

Procedures

If you agree to participate, this is what will happen: You will use your computer to perform an on-line experiment. Once connected to the experiment via the internet, the instructions will be presented on your computer screen. During the experiment, you will see pictures on the screen and/or hear sounds and asked to respond to these stimuli. The stimuli are designed to look at different aspects of motor performance and/or cognition. For example, a motor test might require that you move the cursor to a visual target on the screen; a cognitive test might require that you do an arithmetic problem or judge if two words are similar in meaning. You will respond by either typing on your computer keyboard or using an interactive device such as a computer mouse or track pad. Instructions will be provided for each phase of the experiment.

Study time:

The experiment will either be limited to a single test session that lasts up to one hour, or you will be invited to complete multiple test sessions, each lasting up to one hour. For the multiple test session experiments, you will be required to complete the sessions on different days and complete the entire study within a specified number of days. You will be given breaks every 10 minutes or so throughout the test session.

Study location: These studies will be conducted on-line. You will be using a computer to access the experiment website via the internet.

Benefits

It is important that you understand that there is no direct benefit to you anticipated from your participation in this study. However, we hope to obtain knowledge from this research about how the brain works which could prove useful in the future for treating patients with neurological problems similar to yours.

Risks/Discomforts

It is unlikely that there you will experience any discomfort in performing the experiment. The visual and auditory stimuli are presented at a comfortable lighting and sound level and the movements require a minimal amount of effort. These procedures have been used extensively in previous research. There is a slight chance you may feel frustrated or uncomfortable if some of the tasks are difficult for you to do, but you are free to discontinue your participation in the study if you choose.

Confidentiality

Your information will be handled as confidentially as possible. While there is a small chance that the confidentiality of the information collected could be compromised, we will take care to prevent this from happening. Because you will only access the on-line website with your access code, your name will not be associated with information stored on the experimental website. We will download the results from the study onto our secure lab computers for future analysis. As such, our procedures for safeguarding your confidentiality are the same as with our in-lab experiments. Your results will be coded, and you will not be identified in any presentation or publication, unless you have specified your permission for this in the attached Media Records Release consent form. Your data will be encrypted and securely stored indefinitely on password-protected computers.

Retaining research records: When the research is completed, I will save the data for possible use in future research done by myself or others. I will retain this study information indefinitely after the study is over. The same measures described above will be taken to protect confidentiality of this study data.

Identifiers might be removed from the identifiable private information or identifiable biospecimens. After such removal, the information or biospecimens could be used for future research studies or distributed to other investigators for future research studies without additional informed consent from the subject or the legally authorized representative.

This research is covered by a Certificate of Confidentiality from the National Institutes of Health. With this Certificate, researchers cannot be forced to disclose information that may identify you, even by a court subpoena, in any federal, state, or local civil, criminal, administrative, legislative, or other proceedings. A Certificate of Confidentiality does not prevent researchers from voluntarily disclosing certain information about you for legal or ethical reasons. For example, we will report information about child abuse, elder abuse, or intent to hurt yourself or others. In addition, the Certificate may not be used to withhold information from the federal government needed for auditing or evaluating federally funded projects or information needed by the FDA, e.g., for quality assurance or data analysis.

A Certificate does not protect your information when you or your family voluntarily release information about yourselves or when you consent to the release of information (for example, the uses described in this form, or if you sign release forms for employment, insurance or medical care).

Compensation/Payment

You will receive payment at a rate of \$20/hour based on the estimated length of the experiment.

Rights

Participation in research is completely voluntary. You have the right to decline to participate or to withdraw at any point in this study without penalty or loss of benefits to which you are otherwise entitled.

Questions

If you have any questions about this research, please call me, Professor Richard Ivry, at 510-642-7146 (office) or 510-642-0135 (lab), or email me at ivry@berkeley.edu.

If you have any questions about your rights or treatment as a participant in this research project, please contact the University of California at Berkeley's Committee for Protection of Human Subjects at 510-642-7461 or subjects@berkeley.edu.

CONSENT

You will be given a copy of this consent form and of the [Medical Research Subject's Bill of Rights](#) to keep.

If you wish to participate in this study, please sign and date below.

Participant's Name (*please print*)

Participant's Signature

Date

Person Obtaining Consent

Date