



## University of California at Berkeley Consent to Participate in Research

### Cognitive Mechanisms of Learning in Adults

#### Introduction and Purpose

My name is Celeste Kidd. I am a professor at the University of California, Berkeley in the Department of Psychology. I would like to invite you to take part in my lab's research study, which investigates the mechanisms that drive learning in adults.

#### Procedures

If you agree to participate in my research, I will ask you to complete the attached online task. You will be presented with either a single HIT or a series of HITs using the Amazon Mechanical Turk (MTurk) service. Each HIT will contain images, videos, written words/sentences, or audio sequences. You will be shown instructions and questions specific to each HIT on your computer screen. You may be asked to provide written or manual (via button press) responses to these questions. The computer will record all responses for the duration of your participation. The testing session is self-paced and will last between 30 and 60 minutes.

The types of questions you will be asked to answer fall under the following categories:

1. Guesses based on partial information: You will be presented with varying amounts of information about objects, images, or topics, and you will be asked to make predictions about the stimuli.
2. Estimating dimensions of categories: You will be presented with written sentences and you will be asked to make judgments about the best way to categorize them.
3. Perceptual judgments about the world: You will see images or videos on the screen and you will be asked to answer questions about the way you perceive them.
4. Self-perceptions and measurements of cognitive abilities: You will be asked to answer questions and complete assessments to measure cognitive functions (e.g., memory, attention, language, mathematics).

We may contact you via email to ask for clarification after you complete a task.

#### Benefits

There is no direct benefit to you from taking part in this study. However, it is hoped that the research will help to further our understanding of how to more effectively customize environments for learners.

#### Risks/Discomforts

As with all research, there is a chance that confidentiality could be compromised; however, we are taking precautions to minimize this risk. The questions in this task are not intended to be upsetting; however, you are free to decline to answer any questions you don't wish to, or to stop participating at any time.

## **Confidentiality**

Your study data will be handled as confidentially as possible. If results of this study are published or presented, individual names and other personally identifiable information will not be used.

To minimize the risks to confidentiality, we will not collect your name or IP address in our survey questions. However, we may collect your email address and we will receive your MTurk Worker ID along with the data you provide in the study. This identifying information will be stored in an encrypted file on secure, password-protected computers that belong to members of the study team. Identifying information will be destroyed 5 years after the publication of this study.

Identifiers might be removed from the identifiable private information at any time. After such removal, the information 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. We will keep the de-identified study data indefinitely.

## **Compensation**

To thank you for participating in this study, you will receive compensation at a rate of \$10 per hour. The exact amount of payment you receive will be calculated based on the time required to respond to the task (e.g., if the task takes a full hour, you will receive \$10; if it takes only 30 minutes, you will receive \$5). You will receive this payment via credits through the Amazon Mechanical Turk system. No direct payments will be sent from the UC Berkeley research lab.

## **Rights**

***Participation in research is completely voluntary.*** You are free to decline to take part in the project. You can decline to answer any questions and are free to stop taking part in the project at any time. Whether or not you choose to participate, to answer any particular question, or continue participating in the project, there will be no penalty to you or loss of benefits to which you are otherwise entitled.

## **Questions**

If you have any questions about this research, please feel free to contact me. You can reach me, Celeste Kidd, at 510-664-5111 or [celestekidd@berkeley.edu](mailto:celestekidd@berkeley.edu).

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

**If you agree to take part in the research, please print a copy of this page to keep for future reference, then click on the “Accept” button below.**