

Consent to Participate in Research

You are invited to participate in a Research study that has been approved by the Rensselaer Institutional Review Board (IRB). The IRB reviews and approves all human subject research in accordance with applicable state law and federal law governing Human Subject Research.

RESEARCH STUDY TITLE: LEARNING AND DECISION MAKING FROM VISUAL INFORMATION

PRINCIPAL INVESTIGATOR: CHRIS R. SIMS

DESCRIPTION

- This research is being conducted in order to better understand how humans learn and make decisions based on visual information, and how their visual memory representations may change when learning a new task. In particular, the purpose of this research is to lead to advances in the basic scientific understanding of visual learning and memory that may help to inform researchers of human cognition.

METHODS

- You will be asked to complete a series of tasks on a standard desktop computer. On each trial, a visual stimulus is briefly shown such as a picture of a jar of marbles. You will then be tested on your memory and statistical reasoning (for example, by deciding which jar you would like to select a random marble from, or whether another jar of marbles is the same or different from one you previously saw). You will complete each trial using a standard keyboard.

BENEFITS

- There are no direct benefits to you from your taking part in this research. We cannot promise any benefits to others from your taking part in this research. The primary benefit is contribution to the body of knowledge in our scientific field.

POSSIBLE RISKS AND DISCOMFORT

- There are no particular risks associated with your participation in this experiment. You will be asked to perform tasks similar to those you already do on a daily basis. All of the data collected will be anonymous, so there is no risk to your privacy or emotional wellbeing if you choose to participate.

PAYMENT AND COMPENSATION

- You will be paid for your participation at the posted rate (\$5-10 for completion of all tasks).

PARTICIPANT'S RIGHTS

- If you have read this form and have decided to participate in this experiment, please understand your participation is voluntary and you have the right to withdraw your consent or discontinue participation at any time without penalty or loss of benefits to which you are otherwise entitled. You have the right to refuse to do particular tasks. Your individual privacy will be maintained in all published and written data resulting from the study. You may print this form for your records.



DATA CONFIDENTIALITY AND SECURITY

- Only research personnel listed as part of the current protocol will have direct access to the research data you have provided including information associating your name with your data. The PI will oversee the transmission of all data among the research personnel and all data will be kept on password protected and encrypted machines for a minimum of five years after the completion of data collection. Records of your agreement to these consent

SHARING OF RESEARCH RESULTS

- Data from the experiment will be stored in computer files, as well as made available to researchers from other laboratories who are interested in the results of the experiment. No personally identifiable information will be collected, stored, or released as part of this study. For the purpose of data collection, a randomly assigned identifier will represent participants.
- The procedure for releasing the data outside of the listed research personnel will consist of 1) third-party investigators making a written request for access to the data to the principal investigator, 2) followed by an assessment of whether the third- party investigators have a legitimate reason for requesting access to the data (such as scientists at other institutions wishing to replicate the study or perform additional analysis). This would only result in the release of de-identified data, with no tie to you.

CONTACT INFORMATION

For further information or questions about this research, please contact:

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Chair, Institutional Review Board, Rensselaer Polytechnic Institute, CII 9015, 110 8th Street, Troy, NY 12180 Phone: 518- 276-4873

If you agree to participate, please proceed to the study tasks.

