

University of California, Los Angeles

RESEARCH INFORMATION SHEET

Perception and Perceptual Learning of Objects, Space, and Motion

INTRODUCTION

Philip J. Kellman, Ph.D., from the Department of Psychology at the University of California, Los Angeles (UCLA) is conducting a research study. You were selected as a possible participant in this study because you are a UCLA student. Your participation in this research study is voluntary.

WHAT SHOULD I KNOW ABOUT A RESEARCH STUDY?

- An explanation of the research study will be provided to you.
- Whether or not you take part is up to you.
- You can choose not to take part.
- You can agree to take part and later change your mind.
- Your decision will not be held against you.
- You can ask all the questions you want before you decide.

WHY IS THIS RESEARCH BEING DONE?

The purpose of this study is to understand processes of visual perception in humans that allow us to see objects and their properties, spatial arrangements, and events occurring through information in light reflected to the eyes.

HOW LONG WILL THE RESEARCH LAST AND WHAT WILL I NEED TO DO?

The experiment will last for 1-2 sessions, with each session lasting 30-90 minutes, including occasional rest breaks.

If you agree to participate, your task will consist of responding to items presented on a computer. Items involve visual classification of simple shapes, patterns, or pictures. Sometimes you may view 3D images and you may be asked to wear 3D glasses, similar to ones used in movie theaters. You will be asked to respond to the displays by using the keyboard or mouse. The types of responses include matching (does this item look like the one you just saw), detection (did you see a specific item in this display), and identification/classification (what type of item did you see). Some of these tasks are difficult, and you are not expected to always know the correct answer.

The study may begin with a short assessment that occurs before the main task. When the task is complete, you may be asked to do another short assessment. You may be asked to complete a final short assessment one week later.

ARE THERE ANY RISKS IF I PARTICIPATE?

Materials are simple and similar to those found in many educational settings using computer-based learning. As with any extended visual task, participation could lead to eye fatigue or boredom. If you feel fatigue at any time, you may take a short break.

ARE THERE ANY BENEFITS IF I PARTICIPATE?

You will not directly benefit from your participation in the research study, other than learning about research in psychology. Potential benefits to society include insight into the processes by which the visual system organizes information, acquainting student participants with scientific research in psychology and cognitive science, and, in some research involving learning, potential benefits in educational practice that may enhance learning for many students.

WHAT OTHER CHOICES DO I HAVE IF I CHOOSE NOT TO PARTICIPATE?

If you were recruited from the UCLA Psychology Subject Pool and choose not to participate in this study, you may still receive course credit by choosing another research study to participate in through the SONA system.

HOW WILL INFORMATION ABOUT ME AND MY PARTICIPATION BE KEPT CONFIDENTIAL?

Any information that is obtained in connection with this study and that can be identified with you will remain confidential and will be disclosed only with your permission or as required by law. The researchers will do their best to make sure that your private information is kept confidential. Information about participants will not be released to other parties. Individual differences are not a topic of study in this research, and individual identifying information will play no role in the data analyses. Confidentiality will be maintained by means of assignment of a subject number to each subject. Tabulations of data will contain only the subject number. The experimenter will keep in confidence a list of numbers and subject names, but this will be kept secure and separate from any research use of the data. Research activities will not be videotaped or audiotaped.

Employees of the University may have access to identifiable information as part of routine processing of your information, such as processing participation credit or payment. However, University employees are bound by strict rules of confidentiality.

USE OF DATA FOR FUTURE RESEARCH

Your de-identified data may be kept for future research.

WILL I BE PAID FOR MY PARTICIPATION?

Participants recruited from the UCLA Psychology Subject Pool will receive 1 credit at the end of each 1-hour session.

Participants recruited separately will be paid at the rate of \$15 per hour.

Those participating for course credit through the Subject Pool and those participating for monetary compensation will be asked to perform the same tasks for the same duration.

WHO CAN I CONTACT IF I HAVE QUESTIONS ABOUT THIS STUDY?

- **The research team:**

If you have any questions, comments or concerns about the research, you can talk to the one of the researchers. Please contact:

Professor Philip J. Kellman at (310) 825-4202 or humanperceptionlab@gmail.com

- **UCLA Office of the Human Research Protection Program (OHRPP):**

If you have questions about your rights as a research subject, or you have concerns or suggestions and you want to talk to someone other than the researchers, you may contact the UCLA OHRPP

- by phone: (310) 206-2040;
- by email: participants@research.ucla.edu
- or by mail: Box 951406, Los Angeles, CA 90095-1406.

WHAT ARE MY RIGHTS IF I TAKE PART IN THIS STUDY?

- You can choose whether or not you want to be in this study, and you may withdraw your consent and discontinue participation at any time.
- Whatever decision you make, there will be no penalty to you, and no loss of benefits to which you were otherwise entitled.
- You may refuse to answer any questions that you do not want to answer and still remain in the study.