Columbia University Information Sheet Form

Protocol Information

Attached to Protocol: IRB-AAAT1888
Principal Investigator: Daphna Shohamy (ds2619)
IRB Protocol Title: Development of Learning, Memory, and Decision Making

General Information

Consent Number: CF-AACH0200
Participation Duration: 1-3 hours
Anticipated Number of Subjects: 100

Research Purpose: Research study to examine the effects of learning, decision making, and memory across development.

Contacts

Contact	Title	Contact Information
Catherine Insel	Investigator	Phone: 347-389-5302 Email: csi2101@columbia.edu

Information on Research

This study is funded by the National Institute of Mental Health.

This online experiment is designed to study decision making and learning. We want to understand how these process are affected by development.

In this study, you will be asked to play simple games or
watch images on a computer, and we will measure your responses as you encounter different stimuli, consider options, make choices, and learn about the task. This will help us answer questions about how these processes are organized and carried out. You will also be asked to fill out some brief questionnaires and to complete some tasks.

This consent form includes information about:

- the things that you will be asked to do if you are in the study;
- any known risks involved;
- any potential benefit; and
- options, other than taking part in this study, that you have.

Your participation in this study is entirely voluntary. You have the right to withdraw from the study at any time (even after you sign this consent form) or refuse to participate in any part of the study.

The study involves the following parts:
a. Computer Tasks: For most of the study, you will be playing games on a computer. You will be asked to answer questions and make decisions using the keyboard to make responses.

b. Questionnaires: We will then ask you to fill out some questionnaires that will ask you questions about your personality, mood, and preferences.

Risks

There are no known risks associated with participating in this study. However, should you become uncomfortable at any time, you may discontinue your participation with no penalty or loss of benefits to which you are otherwise entitled.

Loss of Confidentiality
There is the possibility of a loss of confidentiality or privacy. Loss of privacy means having your personal information shared with someone who is not on the study team and was not supposed to see or know about your information. The study team plans to do everything possible to protect your privacy.

Benefits

There are no known direct benefits to you associated with this study. However, the information collected from this research may help others in the future, and will help advance scientific understanding of the brain.

Alternative Procedures

You may choose not to participate in this research study.

Confidentiality

Any information collected during this study that can identify you by name will be kept confidential. We will do everything we can to keep your data secure, however, complete confidentiality cannot be promised. Despite all of our efforts, unanticipated problems, such as a stolen computer may occur, although it is highly unlikely. Your questionnaire and game responses will be assigned a code number, and separated from your name or any other information that could identify you. The research file that links your name to the code number will be kept in a locked file cabinet and only the investigator and study staff will have access to the file.

Identifiers will be removed from the identifiable private information that you share and, after such removal, the information could be used for future research studies without asking you for additional consent.

The following individuals and/or agencies will be able to look at and copy your research records:
The investigator, study staff and other professionals who may be evaluating the study Authorities from Columbia University, including the Institutional Review Board ('IRB') The United States Office of Human Research Protections ('OHRP'), the National Institutes of Health ('NIH').

This research is covered by a Certificate of Confidentiality from the National Institutes of Health. This means that the researchers cannot release or use information, documents, or samples that may identify you in any action or suit unless you say it is okay. They also cannot provide them as evidence unless you have agreed. This protection includes federal, state, or local civil, criminal, administrative, legislative, or other proceedings. An example would be a court subpoena.

There are some important things that you need to know. The Certificate DOES NOT stop reporting that federal, state or local laws require. Some examples are laws that require reporting of child or elder abuse, some communicable diseases, and threats to harm yourself or others. The Certificate CANNOT BE USED to stop a sponsoring United States federal or state government agency from checking records or evaluating programs. The Certificate DOES NOT stop disclosures required by the federal Food and Drug Administration (FDA). The Certificate also DOES NOT prevent your information from being used for other research if allowed by federal regulations.

Researchers may release information about you when you say it is okay. For example, you may give them permission to release information to insurers, medical providers or any other persons not connected with the research. The Certificate of Confidentiality does not stop you from willingly releasing information about your involvement in this research. It also does not prevent you from having access to your own information.

ANONYMOUS DATA SHARING
This study will share research data through data-sharing efforts which provides research laboratories (e.g. medical centers, universities, private research groups) with access to data contributed by imaging sites around the world. Data will be stored in repositories. Such anonymous data sharing is beneficial as it reinforces open scientific inquiry, encourages diversity of analysis and opinion and permits the creation of new, large, demographically diverse data sets by combining data from multiple sources. The information released for the research study will be kept in confidential, de- identified and encrypted databases.

Prior to sharing, we will remove all identifiers (e.g. name, birth date, date of participation) from the data obtained from you. We are doing this so that the information cannot be linked back to you. Each dataset will be assigned an identification number and the relationship between the anonymized code and original subject identifier will be

destroyed.
Information resulting from this study will be used for research purposes and may be published; however, you will not be identified by name in any publications. When the research findings are published or presented, no individual identifying information will be used and results will be reported in an appropriate statistical fashion.

Compensation

You will receive $10/hour for participating in the study today. You will receive payment in the form of an online gift card. Please be aware that this gift card can only be used for purchases and you cannot get cash from it.

Additional Costs

There are no costs to you for taking part in this study.

Voluntary Participation

Participation in this study is voluntary. Refusal to participate will involve no penalty or loss of benefits to which you are otherwise entitled.

Additional Information

You may print a copy of this form for your records.

If you have any questions about your rights or responsibilities as a research participant, please contact the Columbia University Human Research Protection Office at: Phone 212-305-5883; Email irboffice@columbia.edu.

Statement of Consent

Please read carefully and indicate your statement of consent.

___ I have read this consent form and the research study has been explained to me.

___ I agree to complete computerized tasks.

___ I agree to answer questions and complete surveys.

___ I certify that I am 18 years of age or older and freely give my consent to participate in this study.