INFORMATION

This section deals with visual testing conducted in the Psychology Department. In this visual task, you will see a series of pictures of faces, gratings or other images on a computer monitor. These images may be embedded in visual noise. You will be asked to make a judgment about the pictures on each trial. One portion of the testing requires a speeded response (a button press) to brief tones, and your reaction time will be recorded.

- The session will take approximately ninety minutes.
- You will not be taped or filmed.
- No deception is used in this study.

RISKS

There are no known risks involved with participation in this study.

BENEFITS

No specific benefits are known to result from training on these sensory tasks, however it is possible that practice on them might improve the ability to learn other sensory discriminations. Basic scientific understanding of the range of individual differences in sensory-perceptual abilities and of the relation between sensory processing and other cognitive abilities will be advanced by this research.

CONFIDENTIALITY

All data and other records collected in this project will be kept in a secure location. Your name will never be associated with any publication of this research or other dissemination of the results. The record of the relation between your name and the code number representation you in the project will be destroyed in one year or less after the completion of data collection (March 31, 2006).

COMPENSATION

For participating in this phase of the study you will receive a minimum of $8.00 per hour, for all of the sessions in which you participate. If you complete the schedule of eleven sessions this rate will be increased to $12.00 per hour for all eleven sessions. The reason for

Subject's initials
bonus is that your participation is much more valuable to use if we can compare your performance on all of the different tasks. While considerable efforts will be made to schedule testing sessions at times you can attend them, if it proves impossible to complete the series because you have conflicts with some or all of the scheduled sessions, you will be paid $8.00 per hour for those sessions you did attend.

CONTACT

If you have any questions at any time about the study or procedures, you may contact the researcher Dr. Tom Busey, Dept. of Psychology, Indiana University (812) 855-4261.

If you feel you have not been treated according to the descriptions in this form, or your rights as a participant in research have been violated during the course of this project, you may contact the office for the Human Subjects Committee, Carmichael Center L03, 530 E. Kirkwood Ave., Bloomington, IN 47405, 812/855-3067, by e-mail at iub_hsc@indiana.edu.

PARTICIPATION

Your participation in this study is voluntary; you may refuse to participate without penalty. If you decide to participate, you may withdraw from the study at any time without penalty and without loss of benefits to which you are otherwise entitled. If you withdraw from the study prior to its completion, your data will be used in reports on this study if sufficient data have been collected in any of the experiments that make up the study. The record of the relation between your name and the code number representing you in the project will be destroyed within one year of the completion of data collection (March 31, 2006).

CONSENT

I have read this form and received a copy of it. I have had all my questions answered to my satisfaction. I agree to take part in this study.

Subject’s signature ____________________________ Date _________

Investigator’s signature ____________________________ Date _________
INDIANA UNIVERSITY - BLOOMINGTON
INFORMED CONSENT STATEMENT

Exceptional Sensory-Perceptual Abilities: Identifying Persons with Superior Ability to Learn Auditory, Visual and Tactile Identification and Classification Tasks (EEG)

You are invited to participate in the second phase of a research study. Because of your performance in the first phase of this project, you have been invited to participate in the second phase. The main purpose of the study is to develop testing methods by which persons with exceptional abilities to learn auditory, visual or tactile tasks can be identified. An additional purpose of this work is to determine whether persons which exceptional abilities in one cognitive or sensory area are also exceptional in other areas.

INFORMATION

This section deals with visual testing conducted in the Psychology Department. In this visual task, you will see a flickering grating on the computer monitor and will be asked to identify whether it is tilted to the left or the right. We will measure your EEG (brainwaves) as part of this study. You should not participate in this experiment if you have experienced epileptic seizures.

The experimental procedures to be followed in these perceptual and/or memory experiments is as follows. To make the EEG recordings, electrodes will be held against your scalp using a special cap. In addition, electrodes will be taped to the bridge of your nose and to the right of your right eye. These electrodes record small electrical currents produced by your brain. The skin beneath the electrodes will be cleaned prior to applying the electrodes, and a gel will be applied to allow contact with the electrodes. During the EEG recordings, you will see images on a computer monitor and may be asked to press a key when a picture appears.

The EEG recording takes about 1.5 hours.

You will not be taped or filmed.

No deception is used in this study.

RISKS

Cleaning the skin occasionally causes irritation or redness in the area where the electrode is applied. All materials which come into contact with your skin will be sterilized prior to use.

EMERGENCY MEDICAL TREATMENT

In the unlikely event of physical injury resulting from your participation in this research, emergency medical treatment will be provided at no cost to you. Be certain that you immediately notify the researcher if you are injured. If you require additional medical treatment you will be responsible for the cost. No other compensation will be provided if you are injured in this research.

BENEFITS

No specific benefits are known to result from training on these sensory tasks, however it is possible that practice on them might improve the ability to learn other sensory discriminations. Basic scientific understanding of the range of individual differences in sensory-perceptual abilities and of the relation between sensory processing and other cognitive abilities will be advanced by this research.

Subject's initials_______
CONFIDENTIALITY

All data and other records collected in this project will be kept in a secure location. Your name will never be associated with any publication of this research or other dissemination of the results. The record of the relation between your name and the code number representation you in the project will be destroyed in one year or less after the completion of data collection (March 31, 2006).

COMPENSATION

For participating in this phase of the study you will receive a minimum of $8.00 per hour, for all of the sessions in which you participate. If you complete the schedule of eleven sessions this rate will be increased to $12.00 per hour for all eleven sessions. The reason for bonus is that your participation is much more valuable to use if we can compare your performance on all of the different tasks. While considerable efforts will be made to schedule testing sessions at times you can attend them, if it proves impossible to complete the series because you have conflicts with some or all of the scheduled sessions, you will be paid $8.00 per hour for those sessions you did attend.

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CONSENT

I have read this form and received a copy of it. I have had all my questions answered to my satisfaction. I agree to take part in this study.

Subject’s signature ___________________________ Date _________

Investigator’s signature _________________________ Date _________

Form date: 4/6/04