

**Title of the Study:** Examining the Effectiveness of Vision Training

**Principal Investigator:** C. Shawn Green

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### **DESCRIPTION OF THE RESEARCH**

You are invited to participate in a research study about how training can impact performance on cognitive tasks. You have been asked to participate because you are an adult between 18 and 30 years of age, have normal (or corrected to normal) vision, and have no neurological conditions that would preclude your ability to complete computerized cognitive tasks. This research will take place in the laboratory of Dr. C. Shawn Green in the Department of Psychology at the University of Wisconsin-Madison.

### **WHAT WILL MY PARTICIPATION INVOLVE?**

If you decide to participate in this research you will first complete a session where you are asked to view visual stimuli (such as black and white lines, letters, simple shapes like triangles, circles, and squares) presented on a computer or television screen and/or listen to auditory stimuli (such as pure tones) presented via headphone or speakers. You will then be asked to make some simple judgments about the stimuli (such as indicating whether the stimulus you observed is the same or different from that on a previous trial), and indicate your judgment decision with a button press on a keyboard, a mouse click, or a movement on a touchpad. You will also be asked to complete a set of questionnaires (please note you can skip any questions you are not comfortable answering). After this initial session you will then be given instructions regarding the training you will complete (which will be similar to some of the tasks you complete in the first session). You will be asked to complete 20 sessions of training and 5 test sessions over a period of no more than 60 days (each session lasts 30-60 minutes). The research group will contact you over this period to ensure you remain on schedule. The total duration of the study will thus be around 15-20 hours completed over the course of 5 to 8 weeks. If you have questions about the time commitment, please inform the experimenter now.

### **ARE THERE ANY RISKS TO ME?**

There are no major risks. Some of the tasks may induce a sense of boredom or fatigue. Please remember that you may interrupt or terminate your participation for any reason, including discomfort, and can do so at any time. There is always a small risk of a breach of confidentiality. However, all care will be taken to ensure that your data cannot be linked to your name.

### **ARE THERE ANY BENEFITS TO ME?**

There are no direct benefits to participation.

### **WILL I BE COMPENSATED FOR MY PARTICIPATION?**

You will receive \$10/hour for participating in this study. A bonus payment of \$20 will be provided if you complete all aspects of the study within the allowed timeframe. The experimenter will have discussed exact details of payment prior to your being given this form. If you do withdraw prior to the end of the study, you will receive compensation for the time that you completed prior to withdrawing from the study.

**HOW WILL MY CONFIDENTIALITY BE PROTECTED?**

While there will probably be publications as a result of this study, your name will not be used. This study involves a collaboration between researchers at two sites – the University of Wisconsin-Madison and the University of California-Riverside. Data will be shared across all the two sites, however, information about identity will not be shared with other sites (i.e., data will utilize a unique code and the link between that code and identity will be not be shared across sites). Furthermore, completely de-identified data may be shared with other researchers for future research without additional consent (i.e., the data will be put into a format where it will be impossible to identify you). Finally, a description of this research study will be available on <http://www.ClinicalTrials.gov>, as required by U.S. Law. This website will not include information that can identify you. At most, the website will include a summary of the results. You can search this website at any time. If you participate in this study, we would like to be able to quote you directly without using your name. If you agree to allow us to quote you in publications, please initial the statement at the bottom of this form.

**WHOM SHOULD I CONTACT IF I HAVE QUESTIONS?**

You may ask any questions about the research at any time. If you have questions about the research after you leave today you should contact the Principal Investigator, Christopher Shawn Green at (608) 263-4868. If you are not satisfied with the response of the research team, have more questions, or want to talk with someone about your rights as a research participant, you should contact the Education Research and Social & Behavioral Science IRB Office at 608-263-2320.

Your participation is completely voluntary. If you decide not to participate or to withdraw from the study, you may do so without penalty or, if applicable, effect on your grade. Your signature indicates that you have read this consent form, had an opportunity to ask any questions about your participation in this research and voluntarily consent to participate. You will receive a copy of this form for your records.

Name of Participant (please print): \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

I give my permission to be quoted directly in publications without using my name (initial): \_\_\_\_\_

I would / would not be interested in being contacted to participate in future research. (circle one above)