

Below is a sample of part of the consent form used for adult fNIRS research from Dr. Kovelman's study (HUM00033727), which has been approved by the IRB.

If you have any questions about your fNIRS human subjects consent form, please contact:  
fnirs-lab@umich.edu

#### 4. INFORMATION ABOUT STUDY PARTICIPATION

##### 4.1 What will happen to me in this study?

The study will involve the following steps, in the order listed:

1) Language & Reading Assessments. During your visit with us you will first complete a brief set of tasks that will assess your language, reading, auditory and visual abilities. During these tasks you will work directly with an experimenter, who will use a set of visual and auditory displays ask you to look at or listen to words or patterns. We will give you the directions for these tasks and there will be opportunities to practice. Your responses will be video-recorded for later scoring and analyses.

2) Computer Games. During your visit with us you will complete a set of language and reading games on the computer. During these games you will either see or hear words, and you will also hear tones and look at visual patterns. The experimenter will give you explicit instructions about these games and you will have opportunities to practice each of them.

3) fNIRS Imaging. During the fNIRS imaging you will complete computer games that will be similar to the computer games in (#2) above. As always, the experimenter will provide ample instruction and opportunities to practice. You should always feel free to ask questions about our experimental procedures.

During the fNIRS session, you will perform simple computer games while seated comfortably in a chair. A comfortable band of rubber and terry cloth will be positioned around your head, and we will place plastic optode probes in it. The optodes will emit low-intensity near-infrared light, which is harmless. We will also give you a footstool to make you feel more comfortable. We will ask you to sit as still as possible while we record your brain's activity with fNIRS.

#### 5. INFORMATION ABOUT RISKS AND BENEFITS

##### 5.1 What risks will I face by taking part in the study? What will the researchers do to protect me against these risks?

You may experience fatigue and frustration during this study. If you do, please let us know right away. As with any research study, there may be additional risks that are unknown or unexpected.