Image Search Task Instructions

The experiment is run using the **RunImageSearchTask.m** script which requires a participant number and demographic information to begin. All instructions screens are automatic and include descriptions of the button presses. Participants begin with a familiarity check, where they have to press Y if the name is familiar and N if the name is unfamiliar, with each identity checked one at a time. Program will automatically quit to error if there aren’t enough familiar or unfamiliar faces (minimum 10).

If familiar check passes, participants will be taken to new instruction screen explaining experiment. There are two practice trials. Participants need to click on each image in the array that matches their target or targets. They will receive feedback after each selection and incorrect selections will incur a time penalty. Trial will terminate either when all the targets are found or 6 consecutive errors are made. Participants are told to respond as quickly and accurately as they can. The number of targets will change in each block. Familiarity is also varied per block.

Experiment can be quit on any trial by pressing the Escape key. After each block (5 trials) participants are informed they can take a quick break before continuing. There are 4 blocks, with 5 trials in each block. This altogether should take between 15 and 30 minutes to complete.

I have also included my debrief sheet on the next page in case you need it.

Data is saved into two folders: **Raw\_Data** & **saveVariables**.

Headings for **Raw\_Data** are saved in **headings.mat**