Image & Identity Recognition Task Instructions

The experiment is run using the **RunExperiment5.m** script that requires a participant number and demographic information to begin. All instructions screens are automatic and include descriptions of the button presses.

Participants will begin on an instruction screen explaining experiment. There are four practice trials on which feedback is received. Participants will see 4 images of different unfamiliar or familiar faces and will need to either remember the images or the people (identities) they have seen. On 50% of trials participants will be told what they have to remember prior to seeing the image array, and on the remaining trials they will be told after seeing the array. Down Arrow key is pressed when it is a no match. Up Arrow if is a match. Participants are told to respond as quickly and accurately as they can. Trials of each condition are used in every block. Participants end 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.

There are also 5 catch trials (one per block) where participants are told which button they need to respond with to pass.

Experiment can be quit on any trial by pressing the Escape key. After each block (32 trials) participants are informed they can take a quick break before continuing. There are 5 blocks, with 32 trials in each block. This altogether should take between 30 and 60 minutes to complete.

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

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