

**Information Sheet**

Title of Project: Pupil Response to Brightness Illusion

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You are about to participate in an eye-tracking study to compare the brightness of stimuli. It is important for you to understand why the research is being conducted and what it will involve. Please take some time to read the following information carefully.

**What is the purpose of the study?**

The purpose of this study is to gain better understanding of how perceiving brightness effects pupil dilation and pupil constriction.

**What is the participant criteria?**

You must have normal/corrected-to-normal vision and not have a colour-vision deficiency.

**What will the study involve?**

You will be seated with your chin placed on a chin and headrest in front of a screen in a dimly lit room. The first part of the study requires you to appreciate the range of perceived brightness. You will need to rate how bright the stimulus is in the centre on a scale of 1 to 6, for 1 being the brightest and 6 being the less bright.In a separate run, you will be presented with the same visual stimuli and you simply need to look at the fixation cross and the centre of each stimulus. Eye tracking data will be recorded over a couple of seconds. It is very important that you try to keep your eyes on the fixation cross to minimise eye, head movements, and blinking otherwise you may have to repeat the trial.

**What will happen to the results of the research study?**

All data will be analysed confidentially and using the anonymous participant number. The findings of the study will be available on request. If you have any questions, please feel free to contact via email: Qinni Deng (researcher) [2375085d@student.gla.ac.uk](mailto:2375085d@student.gla.ac.uk)

Please review the information above and ask any questions you may have.