

## **Objective and subjective measurements of visual performance in conditions of simulated vision degradation**

**Research Study Title:** Objective and subjective measurements of visual performance in conditions of simulated vision degradation.

Researchers at UNSW are conducting a project to evaluate the association between objective and subjective measurements of visual performance under simulated conditions to mimic common visual impairments.



The research study is looking to recruit people who meet the following criteria:

- Are 18 years of age or older.
- Have good vision (corrected with glasses if needed)

Participants will be excluded from the study if they have:

- Any ocular diseases that may interfere with central vision
- A high degree of long-sightedness, short sightedness or astigmatism. We can quickly check if you are unsure.
- Any medications which may affect vision
- Any pupillary abnormalities which may affect vision
- Rigid gas permeable (RGP) contact lens wear in the last 24 hours
- Any ocular or medical conditions that may interfere with vision

Participants will be asked to complete the following research activities if they agree to participate:

- A vision screening lasting less than 15 minutes to make sure you are eligible to take part in this study.
- Contrast sensitivity measurement. You will be seated in front of a computer screen and view a series of blurry lines tilted at various angles while indicating your responses by pressing a key on the computer keyboard.
- Subjective Visual Quality: While looking at the computer screen or a set of additional pictures you will be asked to rate the quality of your vision using a 0 to 100 scale.

The total time commitment will be 2 hours.

Please contact the following person via email or phone to register your interest in taking part in the research:

<b>Name</b>	Asma Aljroudi		
<b>Position</b>	Masters student at SOVS		
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If you have questions about the research and would like to Investigator, Chief Investigator please contact the following person:

**Chief Investigator**

<b>Name</b>	Eric Papas
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