**UQ Winter Research Project Description**

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| **Project title:** | **Exploring repeatability of virtual reality goggles for assessment of oculomotor and vestibular function** |
| **Hours of engagement & delivery mode** | This project will be offered for 4 weeks, with expected hours of engagement at 36 hours per week between 30th of June to the 25th of July 2025For the Winter program, students will be engaged **for 4 weeks only**.The project will occur on site at the St Lucia Campus housed in the Centre for Neurological Ageing and Balance.  |
| **Description:** | Background :New and novel tools are being developed that provide clinicians and researchers with portable tools to assess oculomotor and vestibular function. If tools are being used to diagnose dysfunction or recovery their analysis must be reliable. Methods:40 adults will be assessed using the NEUROFLEX – virtual reality goggle set that captures eye movements and vestibular function. Each participant will be tested twice on one day using the standard battery of tests provided by the tool and software. Analysis: Reliability of the outputs will be evaluated |
| **Expected learning outcomes and deliverables:** | Scholars will gain skills in data collection, management, and evaluation. They will also have the opportunity to be part of the team in writing the manuscript to report on the findings and hence be published as an author on a paper.  |
| **Suitable for:** | This project is best suited to a Physiotherapy student enrolled in 3rd year physiotherapy full-time.  |
| **Primary Supervisor:** | Dr Katrina Williams  |
| **Further info:** | Should any applicant wish to discuss the above project please contact Dr Katrina Williamsk.williams2@uq.edu.au |