**UQ Winter Research Project Description**

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| **Project title:** | **Factors influencing the differential diagnosis of cervical spine conditions.** |
| **Positions available:** | **2** |
| **Project duration hours of engagement & delivery mode:** | * *30 hours per week*
* *Number of weeks: 4-6*
* 4 weeks from 26 June to 21 July

COVID-19 considerations: the student will be required on campus in the first few weeks for data collection experience but then data entry and analysis can be done remotely if necessary.  |
| **Description:** | Headache, neck pain and dizziness are common features of cervical spine musculoskeletal conditions, but they can also be early indicators of other non-musculoskeletal conditions such as vestibular pathology eg benign paroxysmal positional vertigo (BPPV), vestibular migraine, concussion or more serious pathologies such as arterial dissection, VBI. The aims of these projects are to improve the differential diagnosis of headache, neck pain and dizziness and identify clinical measures which can be used to direct appropriate management.One project will involve the collection and analysis of specific variables from existing data. These results will either be compared to each other or to data from a general population cohort.Another project will look at qualitative interviews in people with tension type headache.Another project will be finalising data for VBI research |
| **Expected outcomes and deliverables:** | Scholars will gain skills in handling and interpreting data from different sources. They will be involved in collecting and managing data into a spreadsheet format to prepare it for statistical analysis. They will also gain some experience in simple statistical and qualitative analysis. The projects will also involve the preparation of reports for publication with which scholars will be involved. Qualitative methodology  |
| **Suitable for:** | The project is open to UQ enrolled students in their 3rd or 4th year. A background in anatomy, physiology and neurological conditions would be an advantage. |
| **Primary Supervisor:** | Dr Lucy ThomasDr Julia Treleaven |
| **Further info:** | Applicants are requested to contact the project supervisors for further information, Dr Lucy Thomas l.thomas2@uq.edu.au and Dr Julia Treleaven j.treleaven@uq.edu.auAll applicants to contact the project supervisor prior to submitting an application.Two positions available.  |