**2019 SHRS UQ Winter Research Project Description**

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| **Project title:** | **Factors influencing the differential diagnosis of cervical spine conditions** |
| **Project duration:** | * 4 weeks * 20 hours/week |
| **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 or more serious pathologies such as arterial dissection.  The aims of the project is to improve the differential diagnosis of headache, neck pain and dizziness.  The project will involve the collection and analysis of specific variables from 2 existing data. These results will either be compared to each other or to data from a general population cohort, which will also be available. |
| **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 analysis.  The project will also involve the preparation of reports for publication with which scholars will be involved. |
| **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 Thomas  Dr Julia Treleaven |
| **Further info:** | Applicants are requested to contact the project supervisors for further information, Dr Lucy Thomas [l.thomas2@uq.edu.au](mailto:l.thomas2@uq.edu.au) and Dr Julia Treleaven [j.treleaven@uq.edu.au](mailto:j.treleaven@uq.edu.au)  All applicants to contact the project supervisor prior to submitting an application.  Apply via [UQ Advantange](http://www.uq.edu.au/uqadvantage/wr-info-for-applicants) |