**2019 SHRS UQ Winter Research Project Description**

|  |  |
| --- | --- |
| **Project title:** | **Evaluating Physical Activity and Sedentary Behaviour after Acquired Brain Injury in Laboratory and Free-Living Contexts** |
| **Project duration:** | * 4 weeks (24th June to 19th July) * 30-36 h/week |
| **Position/s available** | 1 |
| **Description:** | The student will have the opportunity to participate in data collection for a study that is aiming to 1) establish the validity of activity monitors (including consumer monitors such as the Fitbit) 2) explore patterns of physical activity and sedentary behaviour, in individuals with acquired brain injury. To achieve this, participants will be asked to wear three devices - the thigh-worn activPAL monitor, the belt-worn Actigraph monitor and a consumer wearable device for 7 days. On the day of the attachment, participants will also be observed in the clinic for 1 hour while performing a set of standardised activities in and around the clinic (e.g. sitting, lying, walking on a treadmill) (laboratory context). They will then be asked to wear the devices for the next 7 consecutive days while they go about their everyday lives (free-living context). |
| **Expected outcomes and deliverables:** | Students participating in this winter scholarship can expect to gain experience in project management, participant recruitment and the consent process and principles of data collection, with the specific skills of preparing, administering and downloading activity monitors. The student will be supervised by an inter-disciplinary team across the School of Health and Rehabilitation Sciences and RECOVER and will be taught all the necessary skills required for this project by the research team. The student may also have the opportunity to generate presentations for local or national conferences, or work towards a paper for publication with the supervisors. |
| **Suitable for:** | This project would be suitable for 3rd year or 4th year UQ undergraduate Physiotherapy students or first year Master of Physiotherapy students. |
| **Primary Supervisor:** | Dr Sjaan Gomersall (SHRS) and Dr Esther Smits (RECOVER ) |
| **Further info:** | Please contact me at [s.gomersall1@uq.edu.au](mailto:s.gomersall1@uq.edu.au) to make a time to meet and discuss the scholarship and your suitability prior to applying.  Apply via [UQ Advantange](http://www.uq.edu.au/uqadvantage/wr-info-for-applicants) |