**UQ Summer or Winter Research Project Description**

Please use this template to create a description of each research project, eligibility requirements and expected deliverables. Project details can then be uploaded to each faculty, school, institute, and centre webpage prior to the launch of the program.

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| **Project title:** | **Improving cardiothoracic wound management in paediatrics** |
| **Hours of engagement & delivery mode** | Duration of the project, four weeks during Winter Vacation (24 June – 19 July).Hours of engagement must be between 20-36hrs per weekThe applicant will be expected to be on site for part of the project (at Centre for Children’s Health Research), with flexible arrangements after the first 2 weeks. |
| **Description:** | **Background**Globally, the reported prevalence of Childhood-onset Heart Disease (CHD) varies between 4 and 10 per 1,000 live births. Half of these babies will require surgical intervention in their lifetime, and almost a quarter will develop an infection related to their hospital stay, sometimes in the sternal or thoracotomy surgical wound. Surgical site infections increase morbidity and mortality, quadruple the risk of death and double the length of hospital admission and/or intensive care stay. **Aim**To explore the current state (evidence, experience, practice) of cardiothoracic wound management in paediatrics.**Approach**We are conducting a series of related projects to reach this aim. This includes:1) a systematic review of paediatric cardiothoracic wound practices, 2) clinician, patient and caregiver qualitative interviews, and The student will work across this research program, within an interdisciplinary clinical research team based at the Centre for Children’s Health Research (Queensland Children’s Hospital). |
| **Expected learning outcomes and deliverables:** | Students will gain in skills in systematic review process, ethics application, interview development, data analysis, and data management. Students will have an opportunity to generate publications from their research. Students may also be asked to produce a report or oral presentation at the end of their project. |
| **Suitable for:** | This project is suitable for students of nursing, medicine and health-related disciplines entering their final year of study. |
| **Primary Supervisor:** | Professor Amanda Ullman |
| **Further info:** | For further information you can contact Professor Ullman via a.ullman@uq.edu.au |