**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:** | **Pain management for children undergoing cancer treatment** |
| **Hours of engagement & delivery mode** | For the Summer program, students will be engaged for 6 weeks only.  Hours of engagement must be between 20 – 36 hrs per week and must fall within the official program dates (13 Jan – 21 Feb 2025).  The project will be offered through a hybrid arrangement (in person and on line). |
| **Description:** | **Background**  Each year, more than 400,000 children are diagnosed with cancer and undergo treatment. As cancer remains the leading cause of disease-related death among children, effective treatment and supportive care are crucial. The toxic impact of cancer treatment often leads to multiple painful complications, resulting in complex pain for children. There is a pressing need for evidence-based supportive care guidelines to manage pain during treatment, optimise pain relief, and reduce variations in clinical care.  **Aim**  The aims of this study are to create an evidence and gap map of interventions for managing pain during children’s cancer treatment and identify gaps between existing evidence and patient-oriented research priorities.  **Approach**  We are conducting a series of related projects to reach this aim. This includes:   1. an evidence and gap map review of paediatric oncology pain management practices to inform current evidence landscape and gap. 2. clinician, patient and caregiver qualitative interviews and surveys.   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) and a National team of paediatric oncology clinicians. |
| **Expected learning outcomes and deliverables:** | Students will gain in skills in evidence and gap map 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:** | Mari Takashima |
| **Further info:** | For further information, you can contact Mari Takashima m.takashima@uq.edu.au |