2022/2023 Summer Research Project Description

Project title:	**Enhancing treatment outcomes after gynaecological cancer (ACUMEN): Investigating the effect of exercise on health-related quality of life after cancer therapy**
Project duration, hours of engagement & delivery mode	Duration of the project: 8 weeks during Summer Vacation Hours of engagement: 36 hours per week Delivery mode and COVID-19 considerations: The project can be completed in a hybrid format (on-site and remotely). A remote working arrangement can be organised due to specific circumstances associated with COVID-19 (e.g., lockdowns, student testing positive)
Description:	The overall aim of the ACUMEN trial is to enhance the physical and mental health-related quality of life in women treated for gynaecological cancer by enhancing their ability to exercise for life. This project is a hybrid effectiveness-implementation trial. The purpose of hybrid designs is to test interventions in clinical settings while simultaneously exploring strategies to translate the intervention to practice. The 'effectiveness' component (Study 1, the RCT) provides the context-specific evidence of efficacy that can convince consumers and clinical stakeholders of the need to adopt the intervention in practice. The 'implementation' component (Study 2) runs alongside the clinical trial, thoroughly assessing the target environment, determining relevant transfer strategies, and scoping the potential for context-specific sustainability and wider adoption.
Expected outcomes and deliverables:	Scholars will gain skills and training in data collection, data cleaning and data analysis in a clinical research project. Students may also have an opportunity to generate a publication from their research.
Suitable for:	This project is open to applications from third- and fourth-year students with a background (or interest) in clinical sciences and basic statistical analyses. Good interpersonal skills, writing skills and high attention to detail are required.
Primary Supervisor:	Primary supervisor: Dr Grace Rose Associate supervisors: Professor Sandie McCarthy, Dr Natalie Vear
Further info:	Primary supervisor: grace.atkinson@uq.edu.au Associate supervisors: s.mccarthy@uq.edu.au, n.vear@uq.edu.au

2022/2023 Summer Research Project Description

Project title:	**Women's Wellness After Cancer Program (WWACP): Implementation and rigorous evaluation across Mater**
Project duration, hours of engagement & delivery mode	Duration of the project: 8 weeks during Summer Vacation Hours of engagement: 36 hours per week Delivery mode and COVID-19 considerations: The student must be available to complete the project on-site in Brisbane, Queensland at the Wesley Hospital. A remote working arrangement can be organised due to specific circumstances associated with COVID-19 (e.g., lockdowns, student testing positive)
Description:	Women with female-specific cancers can now survive decades after diagnosis, however there is little support after treatment despite their risk of physical and psychosocial complications. Previous studies from members of this research team demonstrate that the Women's Wellness after Cancer Program (WWACP) improves quality of life and reduces treatment-related chronic disease risks in these women through targeted lifestyle management. The purpose of this study is to implement and evaluate the WWACP as standard practice after treatment, Queensland-wide, across Mater.
Expected outcomes and deliverables:	Scholars will gain skills and training in data collection, data cleaning and data analysis in a clinical research project. Students may also have an opportunity to generate a publication from their research.
Suitable for:	This project is open to applications from third- and fourth-year students with a background (or interest) in clinical sciences and basic statistical analyses. Good interpersonal skills, writing skills and high attention to detail are required.
Primary Supervisor:	Primary supervisor: Dr Sarah Balaam Associate supervisors: Professor Sandie McCarthy, Dr Natalie Vear
Further info:	Primary supervisor: s.balaam@uq.edu.au Associate supervisors: s.mccarthy@uq.edu.au, n.vear@uq.edu.au

2022/2023 Summer Research Project Description

Project title:	**'Transforming Blends': Integrating Technology into Teaching and Learning for Social Work Practice**
Project duration, hours of engagement & delivery mode	**Project Duration:** Summer Vacation 2022 The project will be undertaken over 8 weeks during the Summer Vacation period [28th November – 17th February 2022] with a two week break for Christmas. **Hours of engagement:** 20-36 hours per week **COVID-19 considerations:** The applicant will be required to work on-site for the project.
Description:	**Project Background** The rapid transition to online teaching and learning in universities in the global pandemic context placed the focus on issues of access rather than on pedagogical design. There was little opportunity for social work educators to redesign courses taught face-to-face for online delivery in the emergency context. However, as educators transition back to face-to-face classroom delivery there is an opportunity to distil the learning from online teaching experiences and reflect on new ways to integrate technology into social work courses. Drawing on conceptualisations of blended learning, and specifically the notion of 'transforming blends' in course design (McGee and Reis, 2012), this project is a collaboration between a social work educator and an educational designer to explore how social work educators currently integrate technology in their teaching and learning practice, and how students use those integrated technologies to support their learning experiences. The project will identify in what contexts and for which course learning outcomes a blended learning approach can contribute to student-centred and meaningful learning as students acquire knowledge and skills for social work practice. *Project Aims and Objectives:* The project draws on the concept of 'transforming blends' (McGee and Reis, 2012) to explore how social work educators currently integrate technology in their teaching and learning practice, and how students use those integrated technologies to support their learning experiences. The objective of the project is to identify the distinctive characteristics of blended learning in social work education that can pedagogically enhance teaching and learning practices in social work beyond pandemic conditions.

	Methodological Approach: A Rapid Review (RR) of the literature (Cochrane Review) and a survey of social work educators on their use of technology in social work courses drawing on the learning from online teaching during pandemic conditions, and how students use integrated technologies to support their learning experience. Online experiences, challenges and opportunities will be canvassed.
Expected outcomes and deliverables:	The Summer Scholar will be expected to undertake a Rapid Review (RR) of the literature (Cochrane Review) following a protocol developed for the project, contribute to a UQ Ethics Application and the design of a Qualtrics survey. The Scholar will gain skills in the Rapid Review (RR) methodology, UQ Ethics Application and designing a Qualtrics survey. The student will be acknowledged in any papers submitted for publication or conference presentations as a result of the project.
Suitable for:	The project is open to 3rd or 4th year students only. While a background in social work is preferred, students in the health and behavioural sciences, social sciences or humanities are also encouraged to apply.
Primary Supervisor:	Dr Deborah Lynch Senior Lecturer, School of Nursing, Midwifery and Social Work The secondary supervisor will be Dr Isaiah Awidi, Educational Designer and Adjunct in the School of Nursing, Midwifery and Social Work.
Further info:	If applicants would like further information, please contact Dr Deborah Lynch on d.lynch@uq.edu.au

2022/2023 Summer Research Project Description

Project title:	**Factors that impact recovery after spinal surgery: an exploratory study**
Project duration, hours of engagement & delivery mode	Duration of the project, 8 weeks during Summer Vacation. Hours of engagement must be between 20-36hrs per week The applicant will be expected to be on site for part of the project, with flexible arrangements after the first 2 weeks.
Description:	**Background:** Adolescent idiopathic scoliosis (AIS) is one of the most common spinal deformities in children that often require a posterior spinal fusion (PSF) for stabilisation. The average length of stay for children undergoing PSF is between 5-10 days. Standardised pathways have been implemented in other institutions and shown to improve patient outcomes. **Aim:** To explore what factors may impact a patient's length of stay after undergoing a spinal fusion for idiopathic scoliosis in children. **Approach:** We will conduct a literature review to explore current practices for children undergoing PSF. We will also do a retrospective review of the charts of children who have undergone PSF to explore what may have impacted their recovery after spinal surgery (type of pain relief post operatively, time to mobilisation, aperients and time to opening of bowels).
Expected outcomes and deliverables:	Students will gain experience in performing a literature review, data collection, data management and some data analysis. 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 and Dr Adrienne Hudson
Further info:	If you would like any further information about this project please contact Dr Adrienne Hudson via email: Adrienne.Hudson@health.qld.gov.au

2022/2023 Summer Research Project Description

Project title:	**Extravasation identification and management in paediatrics: a cross-sectional survey**
Project duration, hours of engagement & delivery mode	Duration of the project, 8 weeks during Summer Vacation. Hours of engagement must be between 20-36hrs per week The applicant will be expected to be on site for part of the project, with flexible arrangements after the first 2 weeks.
Description:	**Background** Paediatric extravasation injuries are significant healthcare-associated injuries, with sometimes significant sequelae. Despite infiltration and extravasation injuries being common within paediatric healthcare, identification and management interventions are under-researched, with low quality studies and no consensus on treatments or outcomes. **Aim** To explore current practice and guidelines surrounding the identification and management of extravasation injuries in paediatrics. **Approach** We will conduct cross-sectional survey to explore current practice and guidelines surrounding extravasation injury identification and management, followed in paediatrics. The survey will framed via existing guidelines. Participants will be recruited using a snowballing technique using professional organisations and academic networks. The survey will be hosted using Research Electronic Data Capture, (REDCap, Vanderbilt).
Expected outcomes and deliverables:	Students will gain in skill in ethics application, survey development, the use of REDCap, 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