

## 2022/2023 Summer Research Project Description

<b>Project title:</b>	<b>Enhancing treatment outcomes after gynaecological cancer (ACUMEN): Investigating the effect of exercise on health-related quality of life after cancer therapy</b>
<b>Project duration, hours of engagement &amp; delivery mode</b>	<p>Duration of the project: 8 weeks during Summer Vacation</p> <p>Hours of engagement: 36 hours per week</p> <p>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)</p>
<b>Description:</b>	<p>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.</p>
<b>Expected outcomes and deliverables:</b>	<p>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.</p>
<b>Suitable for:</b>	<p>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.</p>
<b>Primary Supervisor:</b>	<p>Primary supervisor: Dr Grace Rose Associate supervisors: Professor Sandie McCarthy, Dr Natalie Vear</p>
<b>Further info:</b>	<p>Primary supervisor: <a href="mailto:grace.atkinson@uq.edu.au">grace.atkinson@uq.edu.au</a> Associate supervisors: <a href="mailto:s.mccarthy@uq.edu.au">s.mccarthy@uq.edu.au</a>, <a href="mailto:n.vear@uq.edu.au">n.vear@uq.edu.au</a></p>