**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:** | **Do quality of life, sexual function and physical activity mediate body image in women after cancer treatment?**  |
| **Project duration:** | 4 weeks |
| **Description:** | After cancer treatment, women experience a range of side effects that can impair their quality of life and increase their risk of other chronic diseases. These outcomes include diabetes, obesity, severe menopausal symptoms, cardiovascular disease, neuropathy, osteoporosis, sleep and body image disruption, and disturbance of sexual function.The Women’s Wellness after Cancer Program (WWACP) is a whole of lifestyle intervention that systematically helps affected women manage these effects through good diet, exercise, sleep hygiene, and stress mitigation in a socially-supportive environment. 351 women from all over Australia participated in our NHMRC-funded single-blinded randomised controlled trial of the WWACP.In this Winter Research Project, we seek a student with a talent for statistical modelling to clean and analyse the data related to one of the project’s important secondary outcomes (body image). We hypothesise that body image in women previously treated for cancer is mediated by their quality of life, sexual function and physical activity.  |
| **Expected outcomes and deliverables:** | The successful applicant will work with an established team that has an outstanding reputation in the field of women’s cancers. Along with basic skills in data cleaning and coding, the applicant will gain experience in leading the descriptive and inferential analysis of a large and complex dataset. It is envisaged that applicant will be named on the subsequent journal publication. A presentation in research week may be included as part of this project. |
| **Suitable for:** | This project is suitable for motivated Honours or coursework Masters students with advanced skills in statistical analysis. Psychology, nursing, and exercise science students are encouraged to apply.  |
| **Primary Supervisor:** | Professor Alexandra McCarthy |
| **Further info:** | For further information, contact Prof McCarthy on s.mccarthy@uq.edu.au |