**2020 Summer Winter Research Project Description**

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| **Project title:** | **Online assessment of cognition and behaviour in dementia** |
| **Positions available:** | **1**  |
| **Project duration:** | Please outline the length of the project.  * *30 hours (4 days/week)*
* *10 weeks*
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| **Description:** | Please insert a project description to give applicants a comprehensive overview of the project. *The aim of the project is to validate new cognitive and behaviour screening tools for people with dementia targeting executive functions. This includes validating an online questionnaire for carers of people with dementia and comparing results to an in-person assessment to check that the behavioural data captured online accurately reflects these changes. Other tools to be validated include a brief in-person cognitive screening test. This detailed phenotyping may be combined with biological samples collected and will help our understanding in the range of cognitive and behavioural changes that occur in neurological disorders.*  |
| **Expected outcomes and deliverables:** | Please highlight what applicants can expect to gain/learn from participating in the project, and what they will be expected to complete as a part of the project. * *Gain knowledge of cognitive and behavioural changes in neurological disorders.*
* *Participate in a research clinic environment with potential opportunity to observe a neuropsychological assessment.*
* *Conduct a literature review and summary.*
* *Acquire skills in data coding, analysis and data presentation.*
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| **Suitable for:** | Please highlight any particular qualities that individual supervisors are looking for in applicants to assist with the selection process. * *Students with a background in psychological science and research methodology (3-4 year students).*
* *Keen interest in neuropsychology and clinical / cognitive neuroscience.*
* *Good attention to detail.*
* *Professional and conscientious.*
* *Strong interpersonal skills.*
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| **Primary Supervisor:** | Prof Gail Robinson |
| **Further info:** | If you would like applicants to contact your unit for further information, please provide the relevant contact details here. Please highlight if the supervisor wishes to be contacted by students prior to submitting an application.*We welcome students to visit the clinic for an informal meeting. Please contact the Neuropsychology Research Clinic Coordinator Lisa Mackenzie:* *lisa.mackenzie@uq.edu.au* |
| **Co-Funding** | Do you have the funds to contribute to 50% of the scholarship, should co-funding not be available/approved? Yes - funded from account \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_No  |
| **Will you be collaborating with an external organisation on this project (for example NGO, government agency or private industry)?**  | Royal Brisbane and Women’s Hospital: Neurology department  |