**2020 Summer Research Project Description**

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| **Project title:** | **Online assessment of cognition and behaviour in dementia** |
| **Positions available:** | **1** |
| **Project duration:** | * 30 hours (4 days/week) * 10 weeks |
| **Description:** | 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:** | * 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. |
| **Suitable for:** | * 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. |
| **Primary Supervisor:** | A/Prof Gail Robinson |
| **Further info:** | 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](mailto:lisa.mackenzie@uq.edu.au) |