**2022/2023 Summer 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:** | **Spontaneous language and speech in healthy and pathological ageing** |
| **Project duration, hours of engagement & delivery mode** | * *30 hours (4 days/week)* * *10 weeks* * *On-site and remote option depending on Covid-19 considerations* |
| **Description:** | *The aim of the project is to investigate the speech and language in the context of ageing. It will involve analysis of speech samples of healthy older adults and those with neurodegenerative disorders. We will be comparing different methods of analysis to identify the best method to detect early changes in communication. The overall aim is to identify changes in a reliable manner that could become ‘preclinical’ markers of dementia.* |
| **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 speech 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:** | 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.* |
| **Primary Supervisor:** | Prof Gail Robinson |
| **Further info:** | *We welcome students to visit the clinic for an informal meeting. Please contact the Neuropsychology Research Unit Administrator Emily Lehman: e.lehman@uq.edu.au* |