**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:** | **Please insert name of project**  **Neuromodulation of behaviour** |
| **Project duration, hours of engagement & delivery mode** | Duration: 10 weeks during Summer vacation  Hours of engagement: max 36hrs per week  *As data collection is conducted at the UQ St Lucia campus, on-site attendance is required to complete the project. We will provide P2 masks, we require all study participants to wear masks, and use HEPA air purifiers to optimise safety of summer scholars.* |
| **Description:** | *We often act with the aim of obtaining rewarding outcomes and/or avoiding punishing outcomes. The processing of rewards and punishments is affected by the neurotransmitter dopamine. In this work, you will help conduct and run studies where we examine how behaviour is affected by manipulating brain function via dopamine medications, brain stimulation and/or behavioural techniques.* |
| **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.  *Scholars will be involved in hands-on data collection. Scholars will also be encouraged to invest intellectually in the research process, for example by reviewing and discussing relevant literature with the supervisor, conduct data analysis, etc. Co-investment by scholars in this process will help scholars get the most out of the experience.* |
| **Suitable for:** | Please highlight any particular qualities that individual supervisors are looking for in applicants to assist with the selection process.  *This project is open to applications from motivated students from any science degree. We particularly value organised and self-motivated students who are intrinsically interested in the research area. Please contact l.leow@uq.edu.au to discuss this opportunity before applying.* |
| **Primary Supervisor:** | Please insert supervisor name.  *Li-Ann Leow* |
| **Further info:** | Please contact [l.leow@uq.edu.au](mailto:l.leow@uq.edu.au) to discuss this opportunity before applying. |