**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:** | **Identifying the active ingredients of treatments used by speech pathologists: a scoping review** |
| **Project duration, hours of engagement & delivery mode** | Duration: 6 weeks  Hours per week: 25  Total estimated hours: 125  The project schedule is flexible. The project can be completed under a remote working arrangement. On-site attendance may be required for some aspects of the project. |
| **Description:** | Background: Speech pathologists provide a large variety of behavioural treatments across broad practice areas (e.g., motor-speech, language, communication, swallowing, voice) and across the lifespan. Many treatments are known to be effective, but the mechanisms underlying effective treatment are rarely understood.  Effective treatments contain active ingredients. Active ingredients are the actions performed by the therapy provider and therapy recipient during treatment which lead to positive behaviour change. Identifying the active ingredients of speech pathology treatments will enhance understanding of how treatments work and for whom, and will lead to critical improvements in treatment efficacy and efficiency across the discipline of speech pathology.  Research question: What are the active ingredients of treatment used to treat disorders of motor-speech, language, communication, swallowing and voice?  Aim: Identify and map the active ingredients of treatment used to treat disorders of motor-speech, language, communication, swallowing and voice.  Method: Scoping review methodology.  Progress: The scoping review is underway. A systematic search for relevant literature has been conducted (July, 2023) and a large yield of studies has been collected. Titles and abstracts of studies have been screened for inclusion. This Summer Scholarship will undertake Phase 2 of the scoping review. |
| **Expected outcomes and deliverables:** | This project will identify active ingredients that are common across speech pathology practice and active ingredients that are unique to a particular therapy approach. This will help build understanding of how speech pathology treatments work and for whom.  With support, the successful applicants will gain experience undertaking a scoping review (see tasks below), reading and extracting pertinent data from published speech pathology journal articles, and managing these data including documenting review processes. The students will have the opportunity to begin building a network of research mentors and engage in other activities within the Queensland Aphasia Research Centre.  Specific tasks [estimated time required to complete task]:   * Obtain and review full texts of eligible studies to determine inclusion [50 hours] * Extract data from eligible studies, with supervisor [40 hours] * Identify themes in the extracted data, with supervisor [25 hours] * Plan the manuscript [10 hours]   The students will be invited to participate in manuscript preparation and will be offered authorship on any resulting publications in alignment with UQ authorship guidelines. |
| **Suitable for:** | Prior experience conducting a scoping review is not required.  This project would suit speech pathology students in 3rd or 4th year (undergraduate) or final year (masters). However, all interested students are encouraged to apply.  The successful applicants will be highly organised and self-motivated students who are willing to meet regularly with and be guided by the supervisor. |
| **Primary Supervisor:** | [Dr Sam Harvey - UQ Researchers](http://researchers.uq.edu.au/researcher/39287)  Queensland Aphasia Research Centre  School of Health and Rehabilitation Sciences |
| **Further info:** | If you are interested in this project, please contact the supervisor via email prior to applying (sam.harvey@uq.edu.au). |