

<b>Project Title</b>	Sensory Assessment and Retraining in a Rehabilitation setting
<b>Supervisor</b>	Brindabella Rehabilitation Services Occupational Therapy Team (Direct supervisor TBA)
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**Lead discipline (please select one)**

Nursing and Midwifery

Allied Health

Medicine

Pre-clinical

Health Policy

Health Economics

Biostatistics

Value-based Healthcare

Epidemiology

Other

**Outline of the project 250 words max**

Development of recommendations and/or a sensory assessment and rehabilitation program for persons experiencing sensory changes following neurological conditions that will be implemented with appropriate persons receiving rehabilitation at the University of Canberra Hospital.

A review of contemporary literature will ascertain the most appropriate tools and approaches for sensory assessment and rehabilitation which can then be developed into a therapeutic program and resources which can be provided for consumers requiring this rehabilitation.

**Proposed research methods**

1. Literature review of existing evidence related to sensory assessment and retraining for persons diagnosed with a variety of neurological conditions.
2. Evaluation of evidence to determine optimal therapeutic approaches for sensory assessment and intervention.
3. Formulation of recommendations or sensory rehabilitation program and/or resources in collaboration with the Brindabella Rehabilitation Occupational Therapy team.

**Preferred study discipline being undertaken by the student**

Occupational Therapy, physiotherapy

**Benefits to the student and to the department**

Benefit for student – increased knowledge and skills in area that will increase capacity for

transition from a student to therapist role including; increased knowledge regarding evidence-based practice for people with sensory changes following neurological conditions; development of professional communication and collaboration skills; development of experience in contributing to the quality improvement cycle.

Benefit for department – will enable implementation of evidence-based practice for persons requiring this rehabilitation. This therapy is currently not provided due to the need to engage in this project to determine optimal assessment and rehabilitation approaches, which is not able to be undertaken due to chronic staff shortages.

**Alignment with Government Research Priorities 100w max**

The completion of this evidence based review and the resulting outcomes enables the service to provide a “comprehensive” and “exceptional” rehabilitation service to enhance the recovery and long term health and well-being of Canberrans with a neurological conditions.

**Department within ACT Health Directorate / Canberra Health Services where the student will be based**

Brindabella Day and Ambulatory Rehabilitation Service (University of Canberra Hospital), Rehabilitation, Aged and Community Services Division, Canberra Health Services.

Please submit form to [preclinical.research@act.gov.au](mailto:preclinical.research@act.gov.au)