

UQ Summer or Winter Research Project Description

Project title:	Addressing cognitive concerns for people with neurological conditions through telerehabilitation
Project duration:	<i>10 Weeks for 28 hours p/w</i>
Description:	<i>Telerehabilitation technologies have the potential not only to optimise our conventional practice, but to fundamentally revolutionise the way in which we deliver rehabilitation services (Russell, 2009). The aim of this research study is to evaluate the feasibility and effectiveness of telerehabilitation, versus face-to-face delivery of cognitive rehabilitation, for improving memory, executive function, self-efficacy for daily living and community participation for people with cognitive concerns associated with multiple sclerosis. This project will lay the groundwork for a large-scale randomised controlled trial focussed on improving cognitive function in people with neurological conditions, such as multiple sclerosis, Parkinson's disease and acquired brain injury.</i>
Expected outcomes and deliverables:	<i>Scholars will be involved in adapting a novel cognitive rehabilitation program, entailing smartwatch use in daily life, for delivery via our state-of-the-art telerehabilitation system in the Centre for Research in Telerehabilitation. Scholars may have an opportunity to gain skills in data collection (i.e. interviewing people with multiple sclerosis living in the community), as well as be exposed to data analysis techniques and preparation of research toward publication. Students will be given opportunity to practise presenting within a School of Health and Rehabilitation Sciences seminar series to develop skills in disseminating information about their work conducted over the summer.</i>
Suitable for:	<i>This project is open to applications from students with a background in allied health i.e. occupational therapy and psychological sciences. Students currently enrolled at UQ in the 3rd or 4th year (1st or 2nd year graduate-entry masters) of study preferred.</i>
Primary Supervisor:	Dr Hannah Gullo, hannah.gullo@uq.edu.au
Further info:	All applicants to contact the project supervisor prior to submitting an application. Two positions available Apply via UQ Advantange .