

# INTERESTED IN HOW THE BRAIN PROCESSES LANGUAGE?

The aim of this study is to investigate how stroke patients with communication impairment recover language function. We want to determine the best predictors of language improvement and treatment response in the critical phases of brain recovery following a stroke.



We are seeking healthy male and female participants between 55-85 years of age who are right handed, have English as a primary language, have no history of neurological disease, mental illness, or head trauma, nor have any metals present in the body which would be unsafe in an MRI scanner.

Participation in the research will involve one brain scanning (MRI) session, carried out at the Herston Imaging Research Facility (HIRF) at the Royal Brisbane and Women's Hospital, Herston. Prior to the scanning session, a brief telephone interview will be conducted to screen for project suitability. Eligible participants will then attend a scanning session at HIRF where they will be required to complete a functional MRI (fMRI) language task while in the scanner (approximately 1 hour). Participants will also be required to complete a few language activities prior to the scan (approximately 2 hours). A reimbursement of \$30 for time and effort and will be provided to all participants.

If you live in Brisbane and would be interested in finding out more about the study (or know of anyone who may) please contact a member of **the PAPAR research team (Kim Garden or Kate O'Brien).**

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Your interest in this important stroke research is much appreciated!