



PARTICIPANTS WANTED: An EEG Study of Word Processing



Healthy adult participants (**age 50+**) are sought for an EEG study investigating the brain's response to spoken and written words

STUDY DETAILS:

This study uses electroencephalography (EEG) to measure your brain's response while you read or listen to different types of words presented in different contexts. You will be invited to attend a **single 2-hour session**. You will be asked to fill in some questionnaires about negative thoughts and impulsivity. Then, an EEG cap (like a stretchy swimming cap with holes in it) will be placed on your head, the holes will be filled with gel, and electrodes will be placed in the holes to measure EEG and around your eyes to measure eye movements and blinks. We will then show you words on a computer screen or play words through loudspeakers and ask you to make occasional responses using a keyboard while we record your brain activity. Afterwards, we will remove the cap and electrodes, and you will be given the opportunity to wash the gel out of your hair.

To participate, you must:

- **Be 50 years old or older**
- Be a native speaker of British English
- Have normal or corrected-to-normal vision
- Have normal hearing
- Have no history of neurological or psychiatric disorder
- Not be taking psychoactive medication
- Not have dyslexia or any other reading impairments

The study will take place in the **EEG Lab, Zochonis Building, Brunswick Street**. You will receive financial compensation (cash or high-street vouchers) for your time.

FOR MORE INFORMATION, CONTACT:

Multimodal Neuroimaging and Memory Lab

- Recruitment coordinator: mnml.participation@manchester.ac.uk
- Supervisor: Dr Jason Taylor: jason.taylor@manchester.ac.uk or phone: 0161 306 0454