

## DEBRIEFING

### Study title: Neural correlates of reading

Thank you for participating in this study. We will now explain a bit about the background and aims of the study.

Some words, like *bat* (which can be an animal or cricket/baseball equipment) have multiple meanings. This study investigates how such words with multiple meanings are processed and represented in the human mind. For this, we have used electroencephalography (EEG) and eye-tracking.

Specifically, we are investigating the processing of denominal verbs. Denominal verbs are verbs that are derived from nouns. Maybe you noticed that some words were slightly odd? An example would be the verb *to cocktail* (from the noun *cocktail*) in the sentence *She always cocktails her guests*. Have you ever heard the word *cocktail* being used like this before? If not, were you nevertheless able to understand the sentence?

The ease with which people can process new sentences and words is very interesting for researchers. In this study, we therefore investigate how easily people are able to process denominal verbs, and whether this relates to their cognitive abilities on tasks that don't contain any language.

If you have any questions about the study, please ask the researcher now. Otherwise, feel free to contact the Principal Investigator, **Dr Margreet Vogelzang**, at **mv498@cam.ac.uk**.

Thank you once again for your help with this research.