



# Participants Needed!

## Understanding Voices in Noisy Environments

The study investigates the perception of speech and complex sounds.

Participants will be asked to listen to speech sounds while sitting in a brain scanner (MEG) and make responses to those sounds (by clicking buttons).

Email [a.caso@ucl.ac.uk](mailto:a.caso@ucl.ac.uk) with your name, email address and contact number to take part.



# About the study

## Who can take part?

We're looking for volunteers who fit the following criteria:

- Native English Speakers (British, American, Australia, South-African, etc.)
- Aged 55 - 80
- Normal or corrected vision
- No Cochlear Implant
- No loud tinnitus
- No Severe ( $> 70\text{dB}$  in any frequency) hearing loss (people with mild and moderate hearing loss are welcome)
- No metal in the body above the knee (e.g. hip replacement) (foot plates and screws are fine)
- No dental implants (crowns without posts are fine, amalgams are fine)
- No dental bridges or non-removable retainers (removable dentures are fine)
- No past or current neurological conditions (dementia, strokes, etc.)

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# About the study

## What can you expect?

### Brain Imaging

Volunteers will be sitting in a brain scanner called MEG. The scanner is completely safe, quiet, and painless.

This will take place at The Wellcome Centre for Human Neuroimaging, 12 Queen Square WC1N 3BG.

### Reimbursement

The study will require you to come to the center on a single occasion and will last approximately 2.5 hours.

Volunteers will be paid £25 for their time.

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