



Participants Needed!

Memory and decision-making ONLINE and MEG study

In this study we are intending to understand more about brain mechanisms underlying decision making.

Location: Wellcome Centre for Human Neuroimaging, 12 Queen Square, WC1N 3AR.

Please contact Dr Tricia Seow (t.seow@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:

- No substantial neurological or psychiatric history (past nor present)
- Aged 18-55
- Fluent in written and spoken English
- Normal/corrected to normal vision

As the experiment involves being in the MEG scanner and also the deliverance of electric shocks, the following persons **WILL NOT** be able to take part:

- Have a history of psychiatric or neurological disease/injury
- Have a cardiac disorder (or have a pacemaker), uncontrolled Hyperthyroidism, severe hypertension or significant skin conditions (e.g., eczema, psoriasis) on the hand
- Have metal anywhere in the body e.g. implants such as pacemakers or any sort of dental work (i.e., dental crowns, permanent retainers, etc.)
- Have tattoos on the head, neck or upper area (including permanent eye lining/eyebrows) or large tattoos (greater than 20cm) anywhere on the body

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Visit https://uclpsychology.sona-systems.com/exp_info.aspx?experiment_id=9708 for more information.



About the study

What can you expect?

Brain Imaging

The Magnetoencephalographic (MEG) scanner measures the magnetic fields produced by your brain cells (neurones). These magnetic fields pass through the skull and scalp as if they were transparent. We measure these magnetic fields outside of the head using the MEG scanner. MEG is silent, painless and safe. We will ask you to play some tasks on the computer and use MEG to see how your brain activity changes.

Participants will have to complete 3 parts:

- 1) mental health screening over zoom
- 2) online questionnaires and computer task practice
- 3) play the same computer task in the MEG scanner (some mild electric shocks will be given)

Do note that only suitable participants from the screening will be allowed to participate.

Days/times of the in-person MEG session will be on Wednesdays (10:45AM-2:30PM) and Fridays (11:15AM-3:00PM). Do contact the researcher for specific availability and to arrange individually.

Reimbursement

Participants have to complete all 3 parts for reimbursement. Total payment is £46.75, plus a bonus of up to £4 depending on task performance.

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