

Information Sheet for Deaf Participants in Research Studies

Title of Project: **Lateralisation of language processing in deaf people**

This study has been approved by the UCL Research Ethics Committee (Project ID Number): **3612/001**

Name	Eva Gutierrez, Mairead MacSweeney, Victoria Mousley	
Work Address	Deafness, Cognition and Language (DCAL) research centre, UCL, 49 Gordon Square, London, WC1H 0PD	
Contact Details	SMS: 07532094234	Email: eva.gutierrez@ucl.ac.uk

We would like to invite deaf people to participate in this research project.

Details of Study:

This study is designed to examine which side of the brain is most involved in different forms of language processing in deaf and hearing people. Most hearing people who are right handed use the left side of their brain to carry out the majority of language processing. We will examine whether the same is true in people who are deaf. This research will inform our understanding of how the brain processes language.

We will ask you to carry out language and cognitive tests: some will be pen and paper tests others will be on the computer. We will also ask you to bring along a recent audiogram if you have one. If you don't, we would like to carry out a quick hearing test with you. However, you do not have to do this test if you do not want to, and you can still be involved in the study.

We will also ask you to perform some simple language tasks involving sign language or English, lipreading and reading. While you do this we will measure which side of your brain receives the most blood flow. We will measure this using a very safe technique called 'functional transcranial Doppler sonography' (fTCD). This method is very safe and just involves small sensors being placed at each side of your head. The method uses 'ultrasound': the same technique used to take pictures of babies in the womb.

You will be provided with a summary of the findings from the research and also details of how to request a full copy of any published papers that may result from the research.

If you agree to take part, we will contact you to arrange a convenient time for you come to UCL. The session should last around 2 hours in total. We will pay for your travel and you will be reimbursed £15/hour for your time.

What do we do with the data? All data will be stored on password protected databases and on secured premises. All data is treated as confidential and you will be identified by a number and not by your name. The results of this study will be published in scientific journals, but you will not be identifiable from such publications. The data will be retained indefinitely and securely, and may be accessed in the future by the research team for further analysis.

Please discuss the information above with others if you wish or ask us if there is anything that is not clear or if you would like more information. If you do decide to take part you are still free to withdraw at any time and without giving a reason.

If you agree to take part you will be asked whether you are happy to be contacted about participation in future studies. Your participation in this study will not be affected should you choose not be re-contacted

All data will be collected and stored in accordance with the Data Protection Act 1998.