

Investigating Motor and Cognitive Control in Developmental Motor Disorders.

The Motor Development and Impact Lab (MoDI Lab) at the University of Surrey would like to invite you to volunteer for an innovative study investigating motor and cognitive processes. The study uses new technology investigating brain activity associated with the control of movement and performance on learning tasks.

What will I have to do on the day?

The prepared tasks will be scheduled in three parts (you may complete them in a different order):

1. A set of questionnaires (some will be completed on a laptop and some on paper)
2. A set of motor and reasoning tasks
3. An electroencephalography (EEG) recording whilst completing two game like computer tasks

If you are interested to find out more about the tasks, please get in touch and I will provide you with detailed descriptions.

*You can pick whether you would like to participate in the morning (10 am) or in the afternoon (2pm). The tasks should take about **3 hours and 30 minutes** all together.*

When can I participate?

Data collection will be ongoing until the end of January. Please let me know what dates would suit you best and I will try to adapt to your schedule.

You can contact me via email at m.topor@surrey.ac.uk.

What are the participation criteria?

You can take part in the study if:

- You are over 18 years old
- You have a diagnosis of developmental coordination disorder (DCD) or dyspraxia, or you have a reason to believe that you may have DCD or dyspraxia
- You **do not** have a **current** diagnosis of attention deficit hyperactivity disorder (ADHD), dyslexia, autism spectrum disorder (ASD), anxiety disorder, depression or any other neurodevelopmental, neurological or psychiatric disorder
- You **are not currently** taking any medication for ADHD, anxiety or depression

Reimbursement:

If you participate in my study:

Your travel costs will be reimbursed if you have to travel to the University of Surrey from outside of Guildford.

You will receive a few pictures of your brain waves activity.

What is it like to participate in research?

Watch the short video below to find out more about the study and the tasks involved.

<https://bit.ly/2y9mxSm>