

STudent REseArch Mobility Programme (STREAM) Project proposal



Host University:
Utrecht University

Field:
Social sciences, journalism and information

Specified field, subject:
Psychology

Research project title:
The neuropsychology of motor control, somatosensory function and body representations

Possible starting month(s):

| Sep | Oct | Nov | Dec | Jan | Fev | Mar | Apr | May | Jun | Jul | Aug |
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Possible duration in months:

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
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Suitable for students in: Bachelor level Master level

Prerequisites:
None

Description:

Neuropsychological and neurocognitive research focuses on investigating the relation between cognitive, perceptual and affective (dys)function and (impaired) underlying neural processes. A topic that has received increased attention is how sensory signals are processed for the guidance of action and for bodily experience. There is increasing knowledge based among others, on studies with brain damaged patients and bodily illusions in healthy participants about the underlying neurocognitive processes. The aim of this project is to conduct a study in this area, thus setting up an experiment, collecting and analysing data and writing a scientific paper. A variety of methods are available, including kinematic movement recording neuropsychological and psychophysical assessment and a range of bodily illusions such as the rubber hand illusion. Details of a specific project will be determined together with the project supervisor.

Experimental Psychology is one of the four Divisions of the Department of Psychology. The researchers of the Division of Experimental Psychology participate in the Helmholtz Institute. Experimental Psychology is specialized in fundamental, clinical and applied aspects of cognition and perception, memory and emotions. It has extensive collaboration with other divisions within the department as well as the Faculty of Medicine (University Medical Center Utrecht). The faculty of the Division teaches in the Teaching Institute of



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Psychology, and also in the Artificial Intelligence programme, the Science track at University College Utrecht, the research Master's programme Neuroscience & Cognition, and postgraduate programmes (RINO).

Faculty and/or Department:

Faculty of Social and Behavioural Sciences, Department Psychology

Contact person, including position:

Charlotte Brand, coordinator Honours College

Contact email:

honourscollege@uu.nl

Deadline for nomination to reach host university:

Ongoing

Notification of admission given by the end of:

Three weeks after application



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