

## **PhD student position on spatial memory project (1,0 fte)**

Faculty of Social Sciences

Maximum salary: Euro 2.558,- gross/month

Vacancynumber: 24.34.08

Closing date: 15-09-2008

### **Jobdescription**

A PhD student position is available in the research group of Gabriele Janzen at the Behavioural Science Institute (BSI) and the F.C. Donders Centre for Cognitive Neuroimaging of the Radboud University Nijmegen. We investigate the development of spatial skills and the neural correlates of spatial memory. We examine healthy adults and children using a combination of imaging as well as behavioural methods: fMRI, EEG, measurement of eye movements, and response times, as well as navigational behaviour. The proposed fMRI research and parts of the EEG research will be carried out at the F.C. Donders Centre for Cognitive Neuroimaging. The centre has facilities for (f)MRI at 1.5 and 3 Tesla as well as three EEG labs, including a baby lab and an MEG lab. An eye tracker for measuring eye movements in MR scanners is available. A mobile EEG laboratory ideal for testing children is available at the Behavioural Science Institute.

### **Requirements**

Candidates for the PhD student position should have a Master's degree in experimental/cognitive psychology, psycholinguistics, or related cognitive neuroscience fields. They are expected to have a strong interest in and hold qualifications for scientific research. Experience with functional MRI and EEG is an advantage.

### **Organisation**

The Behavioural Science Institute studies individual human behaviour as a function of social and physical contexts. The central goal of the institute is to gain fundamental insight into the causal factors and regulatory processes that govern individual human behaviour. The BSI is an interdisciplinary endeavour aimed at exploring the aetiology of individual human behaviour. The BSI is a KNAW acknowledged research school providing excellent research facilities and high-quality training for Phd-students.

Website: [www.ru.nl/fsw](http://www.ru.nl/fsw)

### **Conditions of employment**

Maximum employment: 1,0

Maximum salary per month, based on fulltime employment: Euro 2.558,-

Starting salary is EUR 2,000 per month; the salary will increase to EUR 2,558 per month in the fourth year

### **Additional conditions of employment**

The candidate will be appointed as a PhD student (1.0 FTE) for a period of four years. The candidate's performance will be evaluated after 18 months. If the evaluation is positive, the contract will be extended by 2½ years.

### **Other information**

Candidates should submit a detailed Curriculum Vitae, a list of university courses followed and marks obtained, and the names and e-mail addresses of two scientists who may be contacted for confidential references.

### **Additional information**

Dr. Gabriele Janzen

Phone: (0031)024-3614668

E-mail: gabriele.janzen@fcdonders.ru.nl

### **Application**

You can apply for the job (mention the vacancynumber 24.34.08) before 15-09-2008 by sending your application -preferably by email- to:

Faculty of Social Sciences/P en O

Postbus 9104

6500 HE Nijmegen

The Netherlands

E-mail: [vacancies@socsci.ru.nl](mailto:vacancies@socsci.ru.nl) <<mailto:vacancies@socsci.ru.nl>>

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