

## **PhD studentship in Developmental Cognitive Neuroscience at the Centre for Brain and Cognitive Development, Birkbeck, University of London.**

We invite applications for a three-year studentship linked to a Leverhulme research grant. The project funded by this grant is a 3-year longitudinal project exploring the origins of motor mimicry in infancy, and will follow a cohort of infants across the first three years of life. The project will employ a range of methods including EMG, EEG and fNIRS, as well as behavioural tools, in order to investigate the factors that contribute to the emergence and development of mimicry. **The PhD project will specifically investigate how increasing functional connectivity influences the emergence and development of mimicry.**

The successful student will be involved in the day-to-day running of the project together with a post-doctoral fellow. This will include design and experimental set-up, testing infants on a battery of tasks using multiple methods, and analyzing complex data sets. The student will also be expected to assist in recruiting and scheduling infants for testing.

The Centre for Brain and Cognitive Development is one of the world's leading institutions for developmental cognitive neuroscience with an international reputation for training and research in functional brain development.

Applicants should have an excellent undergraduate and Masters degree in Psychology, Neuroscience, or a related/relevant discipline. In addition to a keen interest in brain and cognitive development, the ideal candidate will have:

- Strong computer and mathematical skills
- Strong skills with programming tools, preferably Matlab
- Experience working with neuroimaging data or other complex data sets
- The confidence and ability to independently investigate and pursue novel methods for data analysis
- Experience working with infants and young children
- Excellent written and spoken English skills

Candidates must be EU residents. The studentship will cover Home (UK/EU) fees, plus a stipend of £15,863 for up to 3 years.

Application deadline is **Wednesday 28<sup>th</sup> April 2015**. For further information and/or informal discussion, please contact Dr Victoria Southgate ([v.southgate@bbk.ac.uk](mailto:v.southgate@bbk.ac.uk)).

### **Detailed instructions for applicants:**

Applicants should use the following link and apply online for Psychology 2015/6 (Full-time) entry, making it clear that you are applying for the Leverhulme-linked PhD Studentship. You should additionally upload a CV, a one-page statement of support, and 2 academic references. Your CV should demonstrate all the skills you have which can contribute to this post with details as needed. The statement of support should

make it clear what your research interests are and why you are well suited to this position. This should include showing how you meet the criteria for the ideal candidate listed above.

<http://www.bbk.ac.uk/prospective/research/applyonline?yearlevel=Phd|2015/6|MPhil/PhD%20research,%202015/2016%20entry&applyquery=psychology>