

**Aston University**

**School of Life & Health Sciences**

**Post-Doctoral Research Fellow - EU Marie Curie Initial training Network (ITN) 2-year fully funded**

Magnetoencephalographic investigations of language function in typical and atypical development

**Salary £53,765 per annum plus mobility allowance**

As part of the Marie Curie Initial Training Network, LanPercept, the Aston Brain Centre is seeking a creative researcher to undertake a 2-year Post-doctoral position to develop and refine protocols for mapping receptive and expressive language mapping using magnetoencephalography (MEG). The LanPercept network offers a unique interdisciplinary approach to the study of the relationship between language and perception with a focus on bridging the translational gap between basic and applied research. LanPercept is composed of 10 European partners, hosting a total of 11 PhD projects and 4 research fellows.

This project will develop methodologies for functional studies of language localization for use in children and in atypical populations (for e.g. epilepsy). Of special interest are MEG paradigms which apply a psycholinguistic approach to parsing receptive language and language production mechanisms, within a developmentally-appropriate and child-friendly context. The resulting paradigms will therefore inform both theoretical and clinical understanding of language development and of impairment. An availability to start the project in summer 2014 (exact date is negotiable) would be desirable.

**LanPercept offers you:**

- A stimulating and interdisciplinary research project, focusing on developing new and exciting solutions for language and perception research
- A host organization with state-of-the art facilities and internationally leading research mentors
- An extensive and unique international training program preparing you further for a career in language and perception research
- Opportunities for interaction and collaboration with other individuals and partners (both academic and industrial) in the network through exchange visits, training events, secondments and conferences.

Aston University is committed to disability equality and is a Positive about Disabled People Symbol User.

Please visit our website <http://www.aston.ac.uk/jobs> for further information and to apply online. In addition to the online application form, applicants should submit a full CV, an application letter outlining your background, experience and interest in the topic, and example publication outputs (no more than 3).

If you do not have access to the internet telephone 0121-204-4500 and leave your name and address quoting **Reference number R130435**

**Closing date: 1 March 2014**

**Interview date: to be confirmed**