PhD POSITIONS OPEN in Cognitive Neuroscience

The Barcelona BrainLab (BBL) [www.ub.edu/brainlab] invites applications for several 3-year PhD studentships commencing during the fall 2010 in the field of the Cognitive Neuroscience of Attention and Auditory Perception.

Principal Investigator: Prof. Dr. Carles Escera

We are seeking for the most talented graduates in Psychology, Neurosciences, Cognitive Sciences, Computer Sciences, Medicine, Biology, Engineering or Physics

Candidates should be in a position to enter into the PhD Program in Biomedicine (Area of Neurosciences) of University of Barcelona [www.ub.edu/doctorat_biomedicina/eng/index.htm], have the highest academic marks, computer skills (e.g. Matlab programming), and be willing to work hard and travelling across the world as part of their training.

Positions are open in the following research projects:

Cerebral sources of neuroelectric responses of involuntary attention

The auditory novelty system: ultrafast brain responses in humans

This position is settled in the framework of a European Research Area Network on auditory novelty detection (Era-Net-NEURON programme), which offers the opportunity for the PhD studentships to interact and collaborate with a large group of researchers in Spain, Finland, and Israel working with different techniques (EEG, MEG, single-unit, multi-unit, local-field and epidural recordings) on auditory novelty detection in animals, human adults and newborns.

Our current approach includes: human oscillatory and event-related EEG, and through collaborators fMRI, MEG, and single unit recordings in animals

Applicants should send 1) a letter of motivation, 2) CV, and 3) a copy of the academic marks to Ms. Marta Turró by email at brainlab@ub.edu. Applications will be processed until the position is filled [date of post: May 3rd 2010]

The studentship will provide a maintenance stipend of circa 15,000 EUR/year