

Research Assistant / PhD positions open in Cognitive Neuroscience (Barcelona)

The **Brainlab – Cognitive Neuroscience Research Group** [www.ub.edu/brainlab] invites applications for a 1-year research assistant position with the possibility to extend into a 3-year PhD contract starting in early 2018

The PhD thesis will be carried out within the BrainLab **research line of predictive processes in motor-sensory interactions** [www.ub.edu/brainlab/research-post/predictive-processes-in-motor-sensory-interactions/]

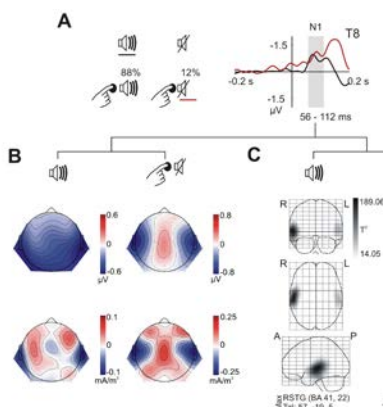
Principal Investigator: Dr. Iria SanMiguel [<http://www.neurociencias.ub.edu/recerca/neurociencia-cognitiva-i-neuropsicologia/iria-sanmiguel/>]

We are seeking for talented graduates in any field related to the Neurosciences (Psychology, Cognitive Sciences, Computer Sciences, Medicine, Biology, Engineering, Physics)

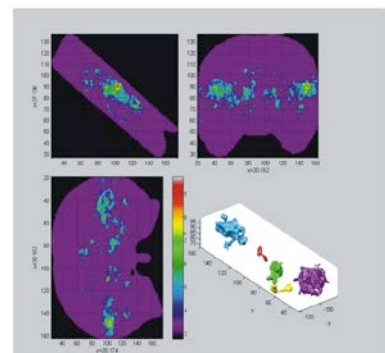
Requirements: 1) EU citizenship, 2) to have 300 ECTS completed (at least 60 ECTS in a Master degree) 3) to have the highest academic marks, 4) computer skills (e.g., Matlab)

Candidates will have the opportunity to enter the PhD Program in Biomedicine (Area of Neurosciences) of the University of Barcelona [www.ub.edu/doctorat_biomedicina/eng/index.htm].

The candidate will join the project “*TEMPLATES: Exploring sensory templates for predictive processing through motor-sensory associations*”.



In this project, we investigate the role of prediction in conscious perception. The research strategy is mostly based on the manipulation of motor-sensory associations to observe how predictions stemming from motor acts impact the perception of sensory stimuli, leading e.g. to perceptual biases or the perception of self-agency. We use all the tools available to the field of cognitive neuroscience (EEG, MEG, fMRI, TMS...) that can best answer the research questions at hand.



Applicants should send a letter of motivation, CV, a copy of the academic marks record (in ECTS format) and any recommendation letters to Iria SanMiguel (isanmiguel@ub.edu) [**subject: RA/PhD position**].

Applications will be processed until the position is filled [Post date: Nov 20, 2017]