



Universitat de les
Illes Balears



THREE RESEARCH POSITIONS IN COGNITIVE NEUROSCIENCE

The Neuropsychology Research Group at the University of the Balearic Islands is offering two PhD studentships and one Postdoctoral Research Fellowships to join three of our ongoing research projects (www.neuropsicologiaclinica.es).

These posts will be linked to projects funded by the Spanish Ministry of Science and Innovation (www.micinn.es). The first project ('Aging, cognition and physical activity'; ref.: PSI2010-21609-C02-02, awarded to **Dr Pilar Andrés**) aims to investigate how age-related differences in attentional and memory abilities may be mediated by physical activity. The second project ("Probabilistic models of cognitive control: their application to neuropsychological assessment"; ref.: PSI2010-17419, awarded to **Dr Francisco Barceló**), aims to apply Bayesian models of cognitive control to the neuropsychological assessment of cognitive deficits in elderly people and in patients with prefrontal damage. The third project ("An empirical study of behavioral distraction by auditory novelty: Towards a new theoretical model"; ref.: PSI2009-08427, awarded to **Dr Fabrice Parmentier**, aims to establish new empirical landmarks in the study of attention capture by unexpected stimuli and encapsulate them into a new theoretical framework).

We are looking for highly motivated candidates with an interest in the above topics and a degree in an area relevant to one of the projects (i.e., Cognitive or Experimental Psychology, Neuropsychology, Physics, Bioengineering, or related disciplines).

1. The two PhD studentships are funded for 4 years, and cover scholar fees and an annual stipend of circa 15.000-17.000 €. The grants also cover for travel and training visits to research centers abroad. We are looking for postgrad students with a Masters degree in areas relevant to projects PSI2010-21609-C02-02 and PSI2010-17419.

2. The postdoctoral position (in projects PSI2010-17419 and PSI2009-08427) consists of one year contract with the possibility of a 3 years extension funded by the National Program for the Incorporation of Human Resources (Juan de la Cierva). The extension will be subject to the candidate's successful application to this scheme. This post will be funded at an annual salary of between 20.000-25.000 € depending on experience.

The candidates, both at post-graduate and post-doctoral level, should have experience in cognitive neuroscience methods, including skills in at least two of these techniques: EEG/ERP, MEG, eye-tracking, and behavioral testing. Experience in the neuropsychological assessment of brain damaged patients will be positively valued. Successful candidates will form part of a dynamic research group, have access to our on site facilities (EEG/ERP, eye tracking, neuropsychological tools, sound-attenuated booths for behavioral testing), and will be expected to contribute to the group's research seminars. Candidates should be fluent in English and Spanish, both oral and written.

Please send a CV, letter of motivation and names and addresses of 2 referees to Pilar Andrés (pilar.andres@uib.es), Francisco Barcelo (f.barcelo@uib.es), or Fabrice Parmentier (fabrice.parmentier@uib.es) quoting the reference of the project(s) you are interested in. For more information about the projects, please contact the relevant grant holder. The deadline for reception of expressions of interest is December 15th 2010.