



**Universitat de les
Illes Balears**

2-year Post-doctoral position in the Cognitive Neuroscience of Executive Functions

The Clinical Neuropsychology Research Group at the [University of Illes Balears \(www.neuropsicologiaclinica.es\)](http://www.neuropsicologiaclinica.es) is hiring a postdoctoral research fellow to join an ongoing project on Cognitive Neuroscience and the neuropsychological assessment of executive functions in healthy and brain damaged persons.

The project is inspired on modern theories of prefrontal cortex function and aims to develop novel and state-of-the-art neuropsychological tools for a valid and cost-efficient evaluation of dysexecutive symptoms in young and elderly adults, and patients with prefrontal lesions (Nyhus & Barcelo, *Brain & Cognition*, 2009).

Successful candidates will hold a PhD in (Human, Cognitive, Computational) Neuroscience, or related areas relevant to the project, and will play a key role in designing, conducting and analyzing EEG & MEG experiments, with a special focus on event-related potentials, oscillatory brain activity and neural synchrony. Integration with anatomical MRI data will be available too. Candidates will work closely with the grant holder as part of a highly motivated multidisciplinary team.

We request:

- * Good command of English and Spanish (both spoken and written);
- * Good interpersonal and communication skills;
- * Successful experience in writing and publishing scientific papers;
- * Solid programming skills, such as MATLAB or equivalent;
- * Extensive experience in designing, conducting and analysing human electroencephalography (EEG) or magnetoencephalography (MEG) studies.

We offer:

- * Integration in an friendly and enthusiastic multidisciplinary group;
- * Full time dedication to research activities;
- * Full access to our onsite facilities (EEG/ERP, eye tracking, neuropsych. tools);
- * Access to clinical samples from associated hospitals;
- * A salary equivalent to Spanish official standards (Juan de la Cierva, Ramon y Cajal), ranging from 24.000 to 30.000 € /year according to experience. Financial support is provided by national and local governmental research agencies. The initial appointment is for one year, with possibility of renewal for another year.

Please send an updated CV in pdf format, a letter of motivation, and the names and addresses of two referees to Dr. Francisco Barceló (f.barcelo@uib.es). The reception of applications will be opened starting from January 15th 2012 until the position is filled. Informal inquires are welcomed. For more information visit: www.mcst.es, or www.neuropsicologiaclinica.es.