



**Barcelona
Brain Health Initiative**
INSTITUT GUTTMANN

Postdoctoral Researcher

The Barcelona Brain Health Initiative (www.bbhi.cat) is recruiting a Postdoctoral Student to work in the research line of **Lifestyle factors and healthy brain aging** with a focus on **Neuroimaging**.

Project description

The *Barcelona Brain Health Initiative* is a prospective cohort study promoted by the Institut Guttmann and with the support of the "La Caixa" Obra Social, aiming to investigate lifestyle and biological determinants of brain health maintenance throughout adult life. The project has a multidisciplinary team of professionals under the scientific leadership of the Professors Álvaro Pascual-Leone from Harvard Medical School, and David Bartrés-Faz from the University of Barcelona. The BBHI has currently enrolled over 4.000 volunteers and in early 2108 will initiate in-person evaluations including medical, cognitive, biological, and neuroimaging assessments.

The successful applicant

Should have a strong background in cognitive neuroscience and neuroimaging, with a PhD in these areas. Background should include experience in task-related fMRI experiments including the design and data analyses. Analytical skills, using some of the major neuroimaging analyses software (FSL, SPM, AFNI and Freesurfer) is required. Matlab and R programming capacities will also be highly considered.

The position is presently funded for up to 2 years. Remuneration is based on the pay scale of the contracting institution Institut Guttmann.

Please submit your application directly to Prof. David Bartrés-Faz (dbartres@ub.edu).