

Stanford



Jean Marie Batail

Postdoctoral Research Fellow, Psychiatry

Bio

BIO

I am a MD/PhD postdoctoral scholar from Rennes in France. Before arriving in Stanford, I worked in both clinical and research fields. I led a unit specialized in neuropsychiatric treatment resistant disorders (mainly depression, Parkinson Disease with psychiatric comorbidities and obsessive-compulsive disorder) with two residents. In this unit, I used and coordinated neuromodulation techniques such as repetitive Transcranial Magnetic Stimulation, Electroconvulsive therapy, and Deep Brain Stimulation. In the research part of my activity, my work focused on biomarkers of poor outcome of depressive disorder using clinical/neuropsychological/brain imaging assessments. In addition, I conducted research on neurofeedback applied to depression. Apart from being involved in the national coordination of this topic for psychiatric diseases (Neurofeedback section of French Association of Biological Psychiatry and Neuropsychopharmacology <https://www.afpbn.org/sections/next/>), I was actively involved in the development of a new generation of brain-computer interface therapies based on joint bimodal EEG-fMRI neurofeedback. In this project, I led the clinical research applying this new technology to depression. I am very interested in working on biomarkers of neuropsychiatric disorders and the development of personalized-targeting neuromodulation techniques.

STANFORD ADVISORS

- Nolan Williams, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

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