

[Print this Page](#)

Presentation Abstract

Presentation/Poster#: 20.09SA/LLL19

Title: Changing our minds on neurofeedback? history, efficacy, challenges, and ethical concerns in altering affect

Location: Halls B-H

Presentation time: Saturday, Nov 09, 2013, 1:00 PM - 2:00 PM

Topic: ++H.01.a. History of neuroscience

Authors: ***A. R. MUÑOZ**, E. L. OHAYON, A. LAM;
Green Neurosci. Laboratory, Neurolinx Res. Inst., San Diego, CA

Abstract: Neurofeedback is being increasingly explored as a non-invasive therapy for atypical affective orientations both as an adjunct and an alternative treatment to psychiatric drugs and psychotherapy. This presentation reviews literature on the efficacy of neurofeedback in treating atypical affective orientations and related symptoms. We briefly review underlying physiology and challenges with neurofeedback training, such as: placebo effects, standardization, confounding factors, individuation and possible contraindications. We consider some ethical concerns including issues relating to psychiatric diagnosis of atypical affective orientations (such as clinically diagnosed depression) and stigma related to these diagnoses. We also explore the potential of novel neurofeedback approaches aimed at promoting self-exploration of one's own neural activity as it corresponds to self-described affective orientation during neurofeedback sessions.

Disclosures: **A.R. Muñoz:** None. **E.L. Ohayon:** None. **A. Lam:** None.