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EEG Biofeedback

This presentation will include a recollection of meeting Eran as a new professor at UCLA following getting my degree from UCSF. We had a mutual friend and colleague in Joseph Bogen, M.D., the late neurosurgeon who performed the split-brain operations and worked with graduate students in Roger Sperry's lab at Caltech, including both Eran and Dahlia Zaidel. Bogen and Sperry were instrumental in shaping Eran's interest in the split-brain and laterality studies and this work also had a significant impact on me as a graduate student. After joining the Psychology Department here, I was fortunate to work with Eran on a one-day symposium presented at UCLA on "Quantitative EEG and Neurofeedback" in April of 2005. Since that time Eran has initiated scientific investigations on the mechanism of EEG biofeedback.

After years of rapidly increasing clinical application of EEG biofeedback and claims of clinical efficacy, Eran stood up as an academic researcher with appropriate skepticism, and began making measurements, refining hypotheses, and analyzing data with advanced analytic methods in association with several colleagues to better understand EEG biofeedback. This is complex work integrates concepts in laterality, EEG biofeedback, and attention. Dr. Barry Sterman will provide additional comments about Eran and this more recent work on EEG Biofeedback.