

World Summit on

## PSYCHIATRY DISORDERS, MENTAL HEALTH AND WELLNESS

June 24-25, 2019 | Philadelphia, USA

J Ment Health Aging 2019, Volume 3

## CUTTING-EDGE TECHNOLOGY FOR EVALUATION AND TREATMENT OF BOTH THE CAUSE AND SYMPTOMS OF PSYCHIATRIC AND MENTAL HEALTH DISORDERS

## **Diane Roberts Stoler**

Dr. Diane Brain Health, USA

eEG-Pro by BrainMaster Technologies offers advancements over other QEEG programs. A standard electroencephalogram (EEG) records electrical activity or brainwaves representing underlying cortical brain activity, while a Quantitative EEG (qEEG) process allows you to create a brain map through precise measurement and quantitative comparison identifying patterns of dysfunction. In the past, qEEG would produce visual pictures of the various hertz of the brain and amplitude. Brain mapping is a set of neuroscience techniques predicated on the mapping of (biological) quantities or properties onto spatial representations of the brain resulting in maps. Unlike other QEEG software qEEG-Pro provides in-depth sLORETA information, as well as protocol recommendations for treating causes and symptoms of neurological disorders, along with 2 and 3 dimensional photos with locations of specific Brodmann areas and neural networks. She is a neuropsychologist, board certified health psychologist, board certified sports psychology and survivor of multiple neurological disorders and brain injuries. Once she was suffered from permanent brain damage and would never walk or talk again. However, through this type of technology she was able to regain her life again. She will present step-by-step on how qEEG Pro works showing clinicians how to evaluate through evidence based technology causes of various symptoms of neurological disorders, along with discussing specific treatment modalities to help patients regain their life again, as she has done with her own.

