ABSTRACT

Major Depressive Disorder is a mental disorder that is difficult to diagnose due to a lack of conclusive biomarkers; however, it is thought to be linked to a reduced ability to regulate emotion. This talk will describe some preliminary machine learning and feature selection analysis that was conducted on a range of subject data including fMRI time series encapsulating changing levels of activity in different brain regions during emotional regulation.

Research Intern:Avon High School studentPI Mentor:Paola Vera-Licona, PhD