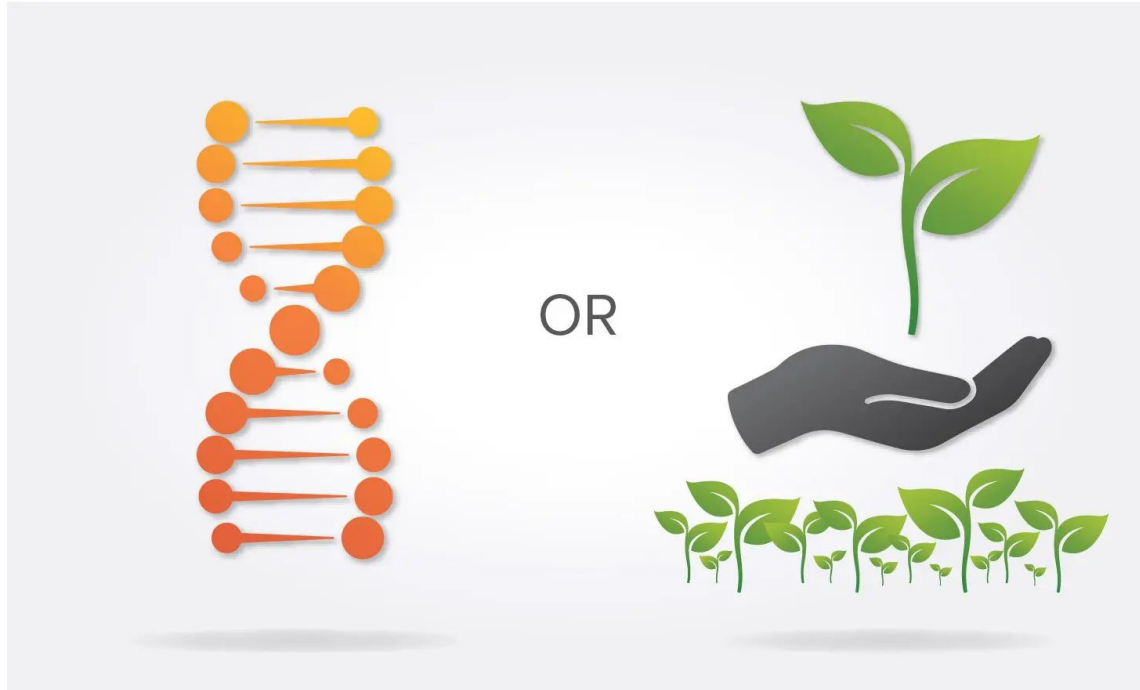


Research Exploration Project



Nature vs. Nurture

Research Question

Can we look at genetics in early stages of life to determine if alcohol addiction is possible during years of adolescence?

MUSC Teen Science Ambassador Experience

Mentor: Dr. Kirkland



Meet The Ambassador:
Michell Cordova-Huerta

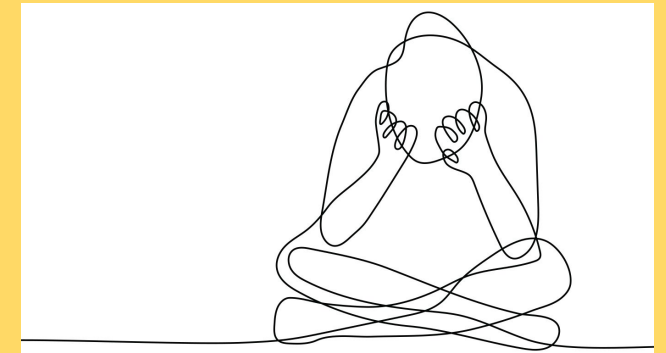
Those with a family history in alcoholism are minimally affected by consumption but instead suffer stronger consequences.



A family history of alcohol problems does not determine the amount of alcohol consumption that will be made but it does increase the risk of encountering difficulties with alcohol.



However, the kids of parents with an AUD are around “2-6 times more likely to” encounter an AUD, unlike those whose parents do not have an AUD.



A gene that corresponds solely to detecting the future possibility of addiction does not exist.



Ferguson. 2022

Serial killer genes, linked genes, trigger aggression
Epigenetics: study of how behaviors and environments cause changes that affect the way genes work.