Database: Projects in Progress

Add Your Project Study: Both

Primary Author Name: Shandell Pahlen

Working Title: Etiological pathways between smoking behavior and cognition across the lifespan: A behavior genetic approach

Potential Co Author(s) (enter none if not applicable): Chandra Reynolds, Michael Stallings

Description (4-5 sentences): The proposed research aims to test how individual differences including measured environmental experiences and genetic backgrounds shape the co-development of health salient traits, tobacco use, and cognition. The proposed research aims to integrate behavior genetic approaches to explore the possible gene-environment interplay of smoking initiation and persistence and etiological associations with cognitive health. This proposal will include the CATSLife sample and combine archival data from CAP, LTS, and CADD to examine longitudinal associations of smoking behavior and cognitive functioning from infancy to later adulthood. Study measures will include phenotypic and polygenic risk scores for cognitive and smoking traits. I plan to evaluate measured genetic and environmental risk factors to smoking and cognitive behavior. (F31 submitted April 2020)

Sample(s): CATSLife, LTS, CAP, CADD

Process Stage: Idea Formation

Start Date (YYYY-MO): 2020-04

Last Update (YYYY-MO): 2020-04