Title:

Associations between environmental characteristics and cognitive function.

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Description:

This study will examine the concurrent and enduring associations between exposure to stressful or negative environments and cognitive function. Using previously collected waves of data we will: 1) test whether early exposure to stressful or negative environments is associated with level and changes in cognitive function across time and whether APOE moderates this association; 2) test the heritability and unique environmental contributions to level of cognitive function and change and test whether stressful environments, as a form of risk exposure, moderate these contributions; and 3) using Geographic Information System (GIS), code for neighborhood demographics associated with participants’ residences to obtain an objective indicator of exposure to environmental stress. Exposure to early adverse environments will be assessed via the Caldwell HOME modified measure, the Home Environment questionnaire, Global Ecological Ratings, and the Life Events Scale and we will use multiple cognitive function indicators assessed from ages 9 through ~45.

Sample:

CAP and LTS (CATSLife)

Process:

Idea Formulation

Start:

2016-01

Last:

2016-02