

ADRC Participant Access Request

Access Request Goal

Goal - Formal request for ADRC data

Principal Investigator

Name Mubarick Saeed

Title M.Sc.

Institution University of Alabama at Birmingham

Email msaeed2@uab.edu (<mailto:msaeed2@uab.edu>)

Phone (659) 202-9664

Co-PI

Name Del Bene Victor

Title PhD

Institution University of Alabama at Birmingham

Email victordelbene@uabmc.edu
(<mailto:victordelbene@uabmc.edu>)

Phone (205) 934-2334

Study and Theme Details

Hypothesis

There are racial and sex differences in the relationship between allostatic load (AL) and cognitive functioning.

Specific Aims

Aims of the Proposed Study

- Examine the relationship between AL and cognitive functioning.
- Explore racial and sex differences in the AL index.
- Investigate the moderating effects of race and sex on the relationship between AL and cognitive functioning.

This study is not related to Deep South disparities

Funding and IRB Details

Funding source - Not yet funded

IRB Contact - IRB contacted for discussion / pending approval

IRB Protocol # - IRB-300013105

Subject Sample Size and Profile

Sample size by cognitive ability

Normal Controls	maximum sample size
Preclinical AD	maximum sample size
MCI	maximum sample size
Mild Dementia	maximum sample size
Moderate to Severe	maximum sample size

Additional inclusion/exclusion details

NA

Racial minorities and other stratification

This study tests hypothesis on B/AA disparities or other race issues

Additional stratification details

The study will also examine the differences in the level of AL index and the strength of the association between AL and cognition by sex.

Requested Resources

Existing data

Demographics	Required
Medical History	If available
Social Determinants	Required
Clinical Exam	Not needed
Cognitive Testing	Required
MRI Values	Not needed
Amyloid PET Values	Not needed
Tau PET Values	Not needed
Raw MRI/PET Image Files	Not needed
CSF	Not needed
Blood Test	Required
AD Blood Biomarkers	Not needed
Genetics	Not needed

Additional data comments

Required data on biomarkers include Vitals (pulse, heart rate variability, systolic and diastolic BP

Lipid panel (Cholesterol, HDL, LDL, triglycerides), Renal function (Creatinine, BUN, GFR calc), Albumin, HbA1c, Fasting glucose, Fasting insulin, and Body composition (BMI, visceral fat, and % body fat).

Data on the following specific cognitive assessments are required Craft Story 21, Benson Complex Figure Copy/Recall, Forward/Backward Number Span, Trails A & B, Multilingual Naming Test (MINT), Category Fluency, and Phonemic Fluency.

Any data on related biomarker or cognitive assessment not included in the above list can be added if available.

Statistical support

Statistician has already been consulted - Dr. Charles Murchison