Manuscript #281

1. Title:
Hb Alc & Atherosclerosis

2. Writing Group (list individual with lead responsibility first):
(lead) Shahar McGovern CSCC Representative
     Vitelli Brancati Heiss
     Folsom Eckfeldt

3. Timeline:

4. Rationale:
Hemoglobin Alc is a commonly used measure of long term glucose levels among diabetics. Some data suggest that, among non-diabetics, hemoglobin Alc levels are associated with prevalent cardiovascular disease. ARIC has measured the level of hemoglobin Alc in ultrasound-defined atherosclerosis cases and matched controls.

5. Main Hypothesis:
In non-diabetics, hemoglobin Alc level is positively associated with caseness after control for cardiovascular risk factors including insulin and glucose.

6. Data (variables, time window, source, inclusions/exclusions):
Ultrasound-defined cases and controls.
Hemoglobin Alc
Covariates: cardiovascular risk factors (smoking, hypertension, LDL cholesterol, HDL cholesterol, body mass, diabetes, glucose, insulin, education).