ARIC MANUSCRIPT PROPOSAL FORM

Manuscript #432

1. a. Title: Correlates of FEV\textsubscript{1} and FVC in ARIC  
   b. Abbreviated Title: Correlates of FEV\textsubscript{1} and FVC

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4. Timeline: Analysis can begin immediately.

5. Rationale:

   For several decades, investigators have evaluated the relationship between pulmonary function and cardiovascular disease. Higgins et.al. have investigated the correlates of pulmonary function and cardiovascular risk factors in young adults. Studies of correlates of pulmonary function in middle-aged adults are few and based on small sample sizes. Data collected in the ARIC study provides an unusually informative opportunity to examine correlates of pulmonary function in a middle-aged population.

6. Main Study Question:

   a. Is there an association between pulmonary function and well-established and other risk factors for cardiovascular disease?

   Risk factors investigated by Higgins that are available in ARIC will be evaluated along with other risk factors for cardiovascular disease. Some of the cardiovascular disease risk factors that will be evaluated are: body mass index, systolic blood pressure, diastolic blood pressure, lipids, race, gender, smoking status, and clotting factors.

7. Data to be Used:

   In order to reduce variability the mean pulmonary function will be calculated using data from visit 1 and visit 2.

8. Central/Distributed Analyses: Analysis will be carried out at the Department of Epidemiology, UNC at Chapel Hill.
9. Reference: