

## ARIC MANUSCRIPT PROPOSAL FORM

Manuscript #004

1. Title (length 26):

HDL, HDL2, HDL3, and apo A-1 Associations

2. Writing Group (list individual with lead responsibility first):

(lead) Patsch	Sorlie	Brown
Sharrett	Davis	

3. Timeline:

Complete preliminary analyses in 6 months.

4. Rationale:

HDL, its subfractions and its cholesterol and apoprotein content are closely associated with triglycerides, obesity, alcohol consumption, gender, and use of sex hormones (see Lipids Working Group Reports).

Though these associations differ in strength for HDL cholesterol and apo A-1, the differences have not been examined in large representative populations. Exploration of these relationships is important preparation for understanding the relationship of HDL composition to CHD.

5. Hypothesis:

6. Data (variables, time window, source, inclusions/exclusions):

High-density lipoprotein cholesterol, HDL2-cholesterol, HDL3-cholesterol and apolipoprotein A-1: associations with demographic factors, personal habits, body habitus and other blood lipid, lipoprotein and apoprotein measurements.

Year 01 cross-sectional data. Two year data desirable if available in time for final analyses at Coordinating Center. Data needed are available in datasets used for lipids working group report.

Keywords: HDL, Lipids, Cholesterol, Apo A-1 / Anthro, Alcohol, Gender, Hormones