1. Title:
Magnitude of the Problem: Prevalence of CHD and Stroke

2. Potential Writing Group Members:
(lead) G. Burke, R. Hutchinson (or designee), HA Tyrold, G. Evans, J. Nieto, G. Howard, P. Sorlie, G. Heiss

3. Date:
November 8, 1993

4. Summary of Writing Group Proposal:
The purpose of this presentation will be to present race and gender specific differences in cardiovascular and cerebrovascular disease. This will be accomplished by showing both differences in CVD morbidity and mortality. U.S. mortality data will be used to show racial differences in the mortality rates and time trends for CVD, CHD and cerebrovascular diseases. In addition, ARIC data on disease prevalence will be presented for the 15,796 participants, black and white, men and women, ages 45 to 64, examined during the study baseline examination. Prevalent disease in ARIC has been defined using both participant self-report and variables measured at the baseline examination (ECG, medication use, etc.) for the following conditions: myocardial infarction, angina, cerebrovascular disease and peripheral vascular disease. Previous analyses performed as part of the prevalent disease and wall thickness paper have shown racial differences in disease prevalence in the ARIC cohort to be consistent with relationships observed in other studies of middle-aged populations (i.e. higher prevalence of CHD in African-American vs. white women; higher prevalence of cerebrovascular disease in African-Americans). These data will be presented by age, race and gender group and be integrated into the context of observed racial differences in US mortality and morbidity rates.

5. Analysis of ARIC Data:
It is anticipated that additional analyses (beyond those conducted as part of the ARIC prevalent disease and wall thickness paper) will be performed at Bowman Gray, hence there should not be an additional load on the coordinating center beyond their normal capacity of official data analyses and verification. The data for the U.S. mortality data are available to the investigators from other sources.