

# ARIC MANUSCRIPT PROPOSAL FORM

Manuscript #606

1. Full Title: CRP and CVD

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

Lead: Aaron R. Folsom, M.D.

Address: University of Minnesota, Div of Epidemiology

1300 South Second Street, Suite 300

Minneapolis, MN 55454-1015

Phone: (612) 626-8862

Fax: (612) 624-0315

Email Address: folsom@epivax.epi.umn.edu

H. Juneja

E. Davis

N. Aleksic

C. Ahn

P. Pfile

K. Wu

3. Timeline:

Begin Fall, 1998. Analysis by Dr. Ahn.

4. Rationale:

C-reactive protein (CRP) is a nonspecific marker of inflammation associated positively with CHD risk in just a few prospective studies (Danesh, JAMA, 1998;279: 1477). We measured in ARIC controls and cases: CHD, MRI, PAD, carotid IMT, and African Americans.

5. Main Hypothesis:

a) Incident CHD is independently and positively associated with CRP.

b) Carotid IMT is independently and positively associated with CRP.

c) We may also investigate the MRI and PAD associations.

6. Data:

Inclusion: ARIC cases/noncases.

Dependent variable: CHD or carotid IMT.

Independent variable: CRP level.

Covariates: Other CVD risk factors measured at baseline.