Manuscript #119

1. Title:
BP Trend in WC

2. Writing Group:
(lead) Nieto
Perneger
Szklo
Whelton
Comstock

3. Timeline:
Immediately

4. Rationale:
A subset of Washington County ARIC participants (N=1,410) have been linked to the 1974 CLUE I survey, in which blood pressure measurements were taken. This sample provides an opportunity to examine BP trends in mid-adulthood, and to examine predictors of blood pressure change.

5. Main Hypothesis:
Blood pressure tracks in mid-adulthood. Sex, age, race, smoking, and socioeconomic factors are associated with blood pressure change.

6. Data:
ARIC data on 1,410 WC ARIC subjects also participants in CLUE I: blood pressure, blood pressure medication, family history, anthropometry, dietary Na, sociodemographics. CLUE data include 1974 blood pressure, blood pressure medication, education, marital status, smoking habits.

P.S. Dr. Thomas Perneger is a graduate student in the Department of Epidemiology, JHU School of Hygiene and Public Health, and will work under the supervision of Dr. Nieto and Dr. Szklo.