

ARIC Biostatistician Position Description

Requisition Number: 16696

<https://jobs.jhu.edu/job/Baltimore-Biostatistician-MD-21287/569744400/>

We are seeking to hire a full-time Biostatistician for the Johns Hopkins University research unit of the multi-center Atherosclerosis Risk in Communities (ARIC) Study.

Drs. Elizabeth Selvin and Chiadi Ndumele, faculty members in the Department of Epidemiology (Selvin) and Cardiology (Ndumele) at the Johns Hopkins Bloomberg School of Public Health and the Johns Hopkins School of Medicine.

The ARIC Study is a large NIH-funded cohort of almost 16,000 people followed for over two decades. This position will entail:

- Active collaboration with ARIC investigators to design analyses of study data for papers, grants, and presentations;
- Conduct of analyses for cross sectional, cohort, and case-cohort study designs;
- Assisting in the interpretation and writing of statistical results for manuscripts and other reports;
- Assisting in developing, writing and implementing statistical analysis plans;
- Guide faculty and students in appropriate use of the data including documentation of information on a shared network drive and collaboration with administrative and IT staff;
- Collaboration with statisticians at other ARIC Study research units and the Coordinating Center regarding study designs and analyses;
- Implementation of novel analytic methods when appropriate in collaboration with faculty in the Department of Biostatistics;
- Participation in regular seminars and meetings of ARIC investigators;
- Collaboration with faculty members and trainees in epidemiology and preventive cardiology.

The ideal candidate for this position will have outstanding quantitative skills and a strong interest in collaborative epidemiologic and biostatistical research. Data management skills are important. The ARIC study analytic core, based the Welch Center for Prevention, Epidemiology and Clinical Research (<http://www.jhsph.edu/welchcenter>), is affiliated with the Cardiovascular Epidemiology Training Program (www.jhsph.edu/cvdepi), and has strong ties to multiple departments and other training programs at Johns Hopkins.

Overview of the ARIC Study: The ARIC Study has collected data from nearly 16,000 participants at four sites examined multiple times with a 25-year follow-up visit that is nearly complete. The primary research topics are in heart disease, kidney disease, and diabetes although investigators utilize these data for a broad range of topics. The study includes a large number of ancillary grants including genetic research. Core investigators of the Johns Hopkins ARIC Study research unit have faculty appointments in the Schools of Public Health and Medicine (~50 investigators and students at Hopkins collaborate with other sites; ARIC publishes ~60 papers a year with ~10-20 per year led by Hopkins investigators).

Qualifications:

- Master's degree in biostatistics, statistics, epidemiology, or a related quantitative field.
- One year of related experience required, five or more years desirable.
- Experience in statistical analysis using SAS, Stata, R, and/or other statistical package is required.
- Candidates should have excellent communication skills and collaborative research experience.
- Demonstrated ability on a significant graduate project or additional doctoral education may substitute for experience.