Senior Biostatistician
JHUJobs Req# 57696

Full-time position at the Johns Hopkins Welch Center for Prevention, Epidemiology and Clinical Research unit, part of the Johns Hopkins School of Public Health and School of Medicine. The employee will work as part of a dynamic research team with multiple collaborators.

Primary duties:
- Conduct complex statistical analyses of data from large, epidemiologic studies including the Atherosclerosis Risk in Communities (ARIC) Study, Ancillary Studies to ARIC related to diabetes, cardiac biomarkers, and cognition, the National Health and Nutrition Examination Survey (NHANES), the Kidney Disease Biomarker Consortium (CKD-BC) and the CKD Prognosis Consortium (CKD-PC).
- Collaborate with investigators on these and other research projects with primary responsibility for analysis and presentation of project data.
- Design and implement statistical analysis plans.
- Organize and prepare reports including publication-ready tables and figures.
- Manage computerized systems for analysis of complex research projects to prepare scientific presentations related to study results.
- Develop prototype code for a highly collaborative environment and assist with training students and junior data analysts.
- Participate in regular working group meetings, manage and organize data network, and implement of novel analytic methods when appropriate in collaboration with faculty members in the Departments of Epidemiology and Biostatistics at the Johns Hopkins Bloomberg School of Public Health.

Qualifications:
- Master’s degree or higher in biostatistics, statistics, or a related quantitative field.
- Minimum of five years of experience required. Seven or more years of experience preferred. Doctoral-level education (PhD or equivalent) in epidemiology or biostatistics may substitute for experience.
- Excellent programming skills in Stata, SAS, R, or equivalent statistical package.
- Excellent written and verbal communication skills.
- Excellent organizational skills.
- Prior collaborative research experience and proven ability to work independently.
- Familiarity with survival analysis, longitudinal data analysis, marginal structural models, generalized estimating equations, and measurement error models is desirable.
- Expertise in the analyses of cognition data preferred.

Interested candidates can email Elizabeth Selvin directly with a CV (and apply via the JHUJobs system) or contact Laura Camarata for more information.
ARIC Biostatistician Position Description

JHUJobs Req#: 57625

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.

Supervisors for this position: Drs. Elizabeth Selvin and Josef Coresh, faculty members in the Department of Epidemiology at the Johns Hopkins Bloomberg School of Public Health.

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 novel analytic methods when appropriate in collaboration with faculty in the Department of Biostatistics;
• Participation in regular seminars and meetings of ARIC investigators.

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 is 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.

Interested candidates can email Elizabeth Selvin directly with a CV (and apply via the JHUJobs system) or contact Laura Camarata for more information.