**Statistical programmer**

The Center for Vaccine Development at the University of Maryland, Baltimore is seeking a statistical programmer to assist in the management and analysis of datasets from diverse projects across the Center for Vaccine Development (CVD). The incumbent will also assist in analyses for planned, in process, and completed studies, and will be called upon to research methods and assumptions related to analyses. As such, formal training in epidemiologic/clinical study design and familiarity with health sciences is desired. Duties include:

- Data cleaning, database maintenance and stewardship, table creation, figure development
- Planning and programming of analyses for proposals, papers, and reports to project stakeholders
- Collaboration on manuscripts
- Serving as an expert resource in statistical programming package of choice (e.g., SAS, Stata, R)

Qualifications: competitive candidates will have at least a master's degree in epidemiology, biostatistics, or another quantitative discipline in combination with training in health sciences. Significant (at least three years) experience analyzing data for scientific studies is required.

Required skills:

- Significant experience with statistical programming in SAS, Stata, or R
- Familiarity with descriptive statistics and statistical modeling
- Strong computer literacy
- Ability to troubleshoot code and statistical problems independently
- Ability to clearly explain statistical and data management concepts to both statistical experts and laypeople

Desired:

- Willingness to travel to study sites in Africa
- Familiarity with survey design and sampling methodologies