

**Institute for International Programs
Johns Hopkins Bloomberg School of Public Health**

**Job Description
Assistant Scientist (full-time non-tenure track faculty)**

Dates: Immediate for one year with possibility of extension

Based in Baltimore, MD USA

Background

Working collaboratively with research institutions and government agencies in high-burden countries, Institute for International Programs (IIP) at the Johns Hopkins Bloomberg School of Public Health is dedicated to improve the evidence base for strong public health programming for maternal, newborn and child health and nutrition programs.

This is a full-time non-tenure track faculty position within IIP under the Department of International Health. It is at the level of Assistant Scientist for doctoral level candidates. S/he will primarily work on the Child and Adolescent Causes of Death Estimation (CA-CODE) project funded by the Bill & Melinda Gates Foundation to improve the estimation of causes of mortality among 0-19 year olds globally.

Job responsibilities include but are not limited to providing assistance and support to the general management and research activities of CA-CODE for the following four main objectives: 1. Methodological Innovations: To harness emerging empirical data and cutting-edge methodological innovations to produce a new round of neonatal, child and adolescent causes of death (NCA-COD) estimation; 2. Country Engagements: To engage countries for NCA-COD data generation and curation, and NCA-COD estimation, interpretation, and utilization; 3. Estimates Harmonization: To enhance harmonization and synchronization of global, regional, and national estimation and estimates of newborn, child and adolescent mortality and NCA-COD across multiple key stakeholders; and 4. Results Dissemination: To improve global access, visibility, impacts and utilization of NCA-COD estimates through the CA-CODE Data Portal.

Specific functions include but are not limited to:

- Preparing and managing databases and performing data quality assessment and adjustment for quantitative components of the projects;
- Supporting or leading (as needed) regular and advanced demographic and biostatistical analyses and modeling to produce estimates;
- Understanding and liaising with team members on systematic reviews to identify and extract data from published and unpublished sources on relevant research topics;
- Participating in writing and preparation of project-related presentations, reports, manuscripts, and grant applications for multiple audiences including donors and funding agencies;
- Assisting general management of the project, including ensuring and tracking progress of various activities and deliverables of the project, facilitating communications between the investigating team and collaborating institutions and individuals, managing research assistants, and scheduling and coordinating meetings among collaborators;
- Collaborating with contractors to facilitate the design, testing, and execution of the CA-CODE Data Portal.

Qualifications:

Essential

- Doctoral (e.g. PhD, ScD) training in biostatistics, demography, epidemiology, public health, statistics or related fields with a focus on quantitative methods and at least 3 years of related experience
- Knowledge of and experience in quantitative analysis
- Proficiency in at least one statistical package, e.g. STATA, R
- Knowledge of or experience with global child survival, all-cause and cause-specific mortality, knowledge of related technical terms, concepts, and major data sources and population surveys in low-and-middle-income countries
- Knowledge in demography
- Excellent oral and written communication and organization skills
- Ability to work independently and as a member of a team, to optimize multiple activities and competing priorities, and to deliver on time
- Excellent work ethics and prompt responsiveness
- Proficiency in Microsoft office

Highly desired:

- Previous experience publishing peer-reviewed articles
- Knowledge or experience in Bayesian analysis
- Knowledge or experience in data visualization and presentation
- Team and project management skills
- Good people skills and a sense of humor

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