INTERNATIONAL VACCINE INSTITUTE

Job Description

Part A: HR Information (internal only)

Position ID:	Position Grade: 9 (potentially 8)	Date Updated (yyyy-mm-dd): 2022-12-20

Part B: Job Description

Title: Research Assistant	Organization (Team/Sub-department/Department, Unit): PER, EPIC
Direct Supervisor (Specify the position): Research scientist, PER, EPIC	No. of Direct Subordinates: 0
Indirect Supervisor (Specify the position): N/A	No. of Indirect Subordinates: 0

Job Purpose (A short statement of WHY the positions exists)
The incumbent of the position is responsible for supporting the vaccine impact modeling for typhoid and cholera (VIM-TyChol) project led by the PER, EPIC unit, in collaboration with other colleagues within and outside IVI.

Key Roles, and Accountabilities

1. **Support Vaccine Impact Modeling for Typhoid and Cholera (VIM-TyChol) project**
   - Extract information from scientific articles
   - Create summary statistics of the information from literature or model simulation results
   - Help conduct simulations of the vaccine impact model to evaluate vaccine impact
   - Help construct vaccine impact models, which are static or dynamic models of infectious disease transmission with vaccine introduction component
   - Help develop reports, manuscripts, and presentation slides for the VIM-TyChol project
   - Attend the conference calls and meetings, and take necessary follow-up actions

2. **Support other related activities such as writing grant proposal and expanding collaboration network**
   - Support the project team to develop grant proposals related to the VIM-TyChol project
   - Support the project team to expand scientific collaboration network within and outside IVI

Job Requirements and Qualifications	
Education Requirements (Specify field of studies preferred)	Master's degree or equivalent
Related Field Work Experience (Specify people management experience)	1+ years
Technical and Professional Skills / Knowledge (e.g., official certification, training, project, etc.)	• Proficiency in R programming language • Knowledge in statistics, epidemiology, health economics, or other quantitative fields such as mathematics, physics, or engineering • Knowledge in infectious diseases, vaccines, burden of disease, and cost-effectiveness
Key Competency	• Oral and written communication skills in English • Scientific writing • Willingness to learn new skills (e.g., mathematical/statistical modeling skills) • Highly organized • Willingness and ability to work as part of a team
Language Proficiency	Proficiency in English