



## RESEARCH ASSOCIATE POSITION IN GLOBAL HEALTH – MATERNAL HEALTH IN INDIA FOCUSED ON GESTATIONAL DIABETES, TB, AND HIV

The Center for Global Health at Weill Cornell Medical College invites applications for a 1-2 year renewable global health research associate position offering unique opportunities to participate in global health research focused on maternal health in India. The research associate will be based in New York City, but with field opportunities to learn critical skills in the conduct of studies in international settings and to collaborate with other investigators conducting research in India. The associate will participate in scientific activities including study design and implementation, data analyses, manuscript preparation, dissemination, and development of research proposals.

### The associate will work on major research projects under the supervision of Drs. Mathad and Chebrolu:

- **PRAGATHi:** (meaning “progress” in Hindi) is a longitudinal study of **P**regnancy **R**elated **A**ssociations between **G**DM, **A**nd **T**B/ **H**IV Infection. The primary objectives of this study are to delineate the effect of HIV on the risk of gestational diabetes, and the effect of gestational diabetes on the immune response to tuberculosis.
- **Community Health Worker Study:** This is a mixed-methods study to determine if community health workers can improve screening and diagnosis of diabetes in pregnant and postpartum women in urban slum communities in India. In collaboration with an Indian NGO, we will train community health workers from slum communities to counsel and test pregnant and postpartum women for diabetes in their homes. Projected to start summer 2023.
- **Sex differences in TB study:** The primary objectives of this longitudinal study are to delineate mechanisms of TB pathogenesis during pregnancy in women living with and without HIV. This study will be conducted in India and South Africa and is projected to being in late 2023/early 2024.

### WCM Center for Global Health

Our center has leading research programs in the clinical epidemiology of infectious diseases, women’s health, and cardiometabolic diseases in Tanzania, Haiti, India, and Brazil. The mission of our Center is to address health problems that transcend national boundaries through service, research and training. The Center for Global Health has been collaborating with Weill Bugando School of Medicine, located in Mwanza, Tanzania for the past 15 years, BJ Government Medical College in Pune, India for 12 years, and Mbarara University of Science and Technology and Mbarara Regional Referral Hospital in Mbarara, Uganda, for 4 years. All of the sites are associated with tertiary referral hospitals with large patient catchment areas. As part of the center, you will have the opportunity to engage with the faculty and other research assistants to learn more about the various projects in progress.

The research fellow will meet weekly with Drs. Mathad and Chebrolu to create an individual development plan, review progress, troubleshoot challenges, and guide analysis and writing. Specific job-related tasks are:

### Research Oversight

- Actively participate in meetings with study PI and collaborators (US and Indian), and represent the PIs at meetings with stakeholders as appropriate
- Develop an understanding of research administrative processes and nurture working relationships with grants office staff, bioethics review boards, and institutional leadership to further the goals of project(s).
- Act as a liaison for the studies to ensure that payments for the study are processed and distributed in a timely manner, IRB protocols are submitted, reviewed and approved, and staff contracts are kept up to date.
- Ensure data collected is high quality and accurate; “clean” databases and track recruitment goals, providing a monthly summary of data to the research team
- Actively pursue independent learning related to research topic and study implementation
- Contribute to Ethical Board renewal applications and maintain documents
- Contribute to data reporting and research dissemination (e.g. abstracts, manuscripts, grant applications)
- Participate in national and international research conferences
- Attend research management and research training institutes, as instructed by PI(s)
- Identify and communicate to the PIs any threats and challenges to the study or its conduct



### Research Activities

- Engage in research methods training conducted by study team, including learning and studying SOPs
- Provide assistance with research data collection, when necessary, including recruiting participants, providing informed consent, conducting qualitative interviews, administration of survey instruments, maintenance of project tracking systems, including data collection and data entry

**Requirements for this position include:** Fluency in English, an undergraduate degree, and willingness to be based in Pune, India for a few consecutive weeks per year (pending approval for research related travel by the medical college). Prior research experience, especially in a low- or middle-income country is encouraged but not required.

Project Personnel are linked below:

[Jyoti Mathad](#) (PI, Weill Cornell Medicine)

[Puja Chebrolu](#) (PI, Weill Cornell Medicine)

This one-year position with an additional renewable year (highly encouraged) will begin on or about 1<sup>st</sup> July 2023. Applications will remain open to candidates with U.S. citizenship or a visa to work in the U.S. until the position is filled. To apply, **please send a letter describing research interests and curriculum vitae to Arthi Vaidyanathan ([arv4002@med.cornell.edu](mailto:arv4002@med.cornell.edu))** Please include "Research Associate in Global Health" in the subject line.