Malaria Elimination Initiative (MEI)
University of California, San Francisco (UCSF) Global Health Group (GHG)

Position Title - Latin America Postdoctoral Fellow, Impact Malaria

Location – San Francisco, CA (remote until tentative return to the office in June 2021)

Start Date – March/April 2021

End Date – October 2022

To Apply
Please email your CV and cover letter to Kyle.Daniels2@ucsf.edu with "Postdoctoral Fellow – Latin America" in the subject line.

Postdoctoral Fellow Position
Impact Malaria (IM) is a five-year (2018-2023) President's Malaria Initiative project led by Population Services International and supported by UCSF across dozens of countries. IM has recently been asked by the Pan American Health Organization (PAHO) to provide technical assistance to support two operational research studies in Latin America. One study will investigate high vs low dose primaquine for radical cure of *Plasmodium vivax* (most likely in Peru). The second project will be the development of a risk-benefit assessment tool to support countries to make decisions on what radical cure treatment regimen they should use bearing in mind local prevalence and severity of glucose 6 phosphate dehydrogenase (G6PD) deficiency variants, and possibility to test for G6PD deficiency.

The Postdoctoral Fellow will be the focal point for UCSF's Latin America work and will support the Primary Investigators in all aspects of the project. The Postdoctoral Fellow will also be responsible for working in close partnership with the implementing partner(s) in Latin America to help oversee the study by providing key logistical, technical, partnership, and administrative support to ensure the overall smooth facilitation of the study. The Postdoctoral Fellow may be asked to support additional IM projects or other USAID funded workstreams.

UCSF Global Health Group
The Global Health Group at the University of California, San Francisco, Global Health Sciences (UCSF), is an "action tank," dedicated to translating major new paradigms into large-scale action to positively impact the lives of millions of people. The Global Health Group works across the spectrum from analysis, through policy formulation and consensus building, to catalyzing large-scale implementation of programs in collaborating low- and middle-income countries.

The Malaria Elimination Initiative (MEI)
The Malaria Elimination Initiative (MEI) at the University of California, San Francisco (UCSF) Global Health Group believes a malaria-free world is possible within a generation. The MEI brings the vision, strategy, and evidence-based approaches to catalyze action in countries and regions paving the way for global malaria eradication. As a forward-thinking partner on the malaria elimination frontline, the MEI generates evidence through operational research, develops new tools and approaches, documents and disseminates elimination experiences, builds consensus, assesses the costs and benefits of elimination, and strengthens political and financial commitment to shrink the malaria map. With support from the

MEI's highly-skilled team of economists, advocates, project managers, malariologists, and epidemiologists, countries around the world are actively working to eliminate malaria—a goal that nearly 30 countries will achieve by 2020. For more information about our approach and impact, visit www.shrinkingthemalariamap.org.

Postdoctoral Fellow Key Responsibilities

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of time	Key Responsibilities
55%	Lead protocol development, data analysis and manuscript writing. Support and supervise study preparations, trainings, data collection, and data analysis activities of local implementing partner. Specific activities will include: literature reviews, writing of protocols, SOPs, training materials, use of computer software to develop data collection systems, monitor data collection, cleaning data, supporting interim and final analyses (this will include using statistical software such as STATA, R, or other equivalent software, ArcGIS, Microsoft Excel, Microsoft Access, and lab-specific software), troubleshooting, detailed documentation and thoughtful interpretation of results, preparation of reports, manuscripts, and presentations to document and share research findings, incorporating comments and input from partners and co-authors.
15%	Support regulatory aspects of projects. Specific activities will include: obtaining and maintaining ethical approvals and coordinating QC and QA aspects of studies.
20%	Study coordination and communications. Specific activities will include managing timelines, coordination of meetings and phone conferences, responding promptly to emails, liaising between partners, support meeting planning.
10%	Support administrative aspects of projects. Specific activities will include: working with finance and administrative staff to support travel arrangements, shipments of supplies and samples, ordering of laboratory supplies.

Required Skills

- Experience working with Ministries of Health, Malaria Control Programs, or other government bodies, particularly in Latin America or rural health settings in low-income countries
- Knowledge of malaria epidemiology and malaria surveillance
- Experience in the conduct of clinical trials
- Experience with electronic data collection tools
- Experience with cleaning and managing data
- Experience conducting statistical analyses for epidemiological/clinical studies using Stata, SAS, SPSS, or R and including: general descriptive statistics, logistic regressions, and survival analysis

- A Masters or Doctoral degree in public health, epidemiology, infectious diseases, development or related field
- Exceptional skills in project management and/or coordination, including development and management of workplans, milestones/targets, and budgets
- Excellent problem-solving skills and flexibility
- Excellent attention to detail
- Conversant in spoken and written Spanish
- Fluent spoken and written English
- Strong computer skills, including experience with Microsoft Office, Excel, and PowerPoint
- Open-mindedness and respect for cultural diversity
- Enthusiasm for learning new skills
- Good interpersonal skills

Preferred Skills (not required)
- Experience with *Plasmodium vivax* and/or G6PD deficiency research
- Experience setting up an electronic data collection system
- Experience with decision algorithms
- Experience in risk-benefit or cost-benefit analyses