

Global Health

RESEARCH FELLOWSHIP

This unique fellowship is designed to address the **global needs** of low-income communities including primary care across the lifespan, non-communicable and communicable diseases, and maternal and child health.

Fellowship Mission:

The mission of the **Global Health Research Fellowship** is to train general internists for academic careers in global health research. The three-year fellowship includes field-based research, courses in research methods, and teaching and clinical service at Weill Cornell NewYork-Presbyterian Hospital.

Background:

Global health is a multidisciplinary field of service, research, and training that seeks to improve the health of individuals and populations to achieve worldwide health equity, especially for the resource-poor. Over the past decade there has been a heightened recognition of the need for generalist clinician-scientists in global health, reflecting the rise of non-communicable diseases in resource-limited settings and the importance of primary care for sustainable health improvements.

Fellowship Innovation:

1. Tailored for post-residency graduates in internal medicine
2. Extensive field-based research in Weill Cornell programs in Haiti, Tanzania, Brazil or India
3. Masters degree in Clinical Epidemiology and Health Services Research or other tailored research methods training
4. Intensive faculty mentorship with New York and international Weill Cornell faculty

Fellowship Objectives:

1. Deepen trainees' understanding of health care delivery systems, epidemiology of disease, and interventions to improve health in resource-poor settings
2. Provide trainees with the skills to design and conduct patient-oriented research in global health
3. Mentor trainees in the practice and teaching of evidence-based clinical medicine in New York and abroad
4. Prepare trainees for NIH K-award submission by the end of the program

Apply to the Fellowship:

Eligible applicants are graduates of internal medicine residency training programs who express a commitment to become clinician-scientists focused on global health research.

Applicants are encouraged to have prior global health experience. Applicants with Masters and/or PhD degrees or prior fellowships are also encouraged to apply, and the program can be adapted to provide them with more advanced training.

Please send the following to the Weill Cornell Global Health Research Fellowship (ghrf@med.cornell.edu).

1. Personal statement outlining your research interest, experience in global health, and career goals
2. Curriculum Vitae



Weill Cornell Medicine

Department of Medicine • Division of General Internal Medicine • Center for Global Health

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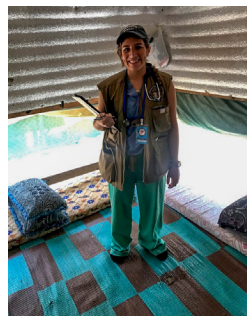
Dr. Puja Chebrolu and her colleagues following completion of a hypertension survey among low-income communities in Pune, India

Dr. Puja Chebrolu MD (India)

Inspired by early clinical experiences in India, Dr. Chebrolu's research focuses on diabetes, a disease which affects nearly 1 in 10 adults in South Asia. In this region, >50% of people with diabetes are non-overweight. Non-overweight, or 'lean' diabetes is severely underrepresented in diabetes research resulting in clinical guidelines that are less effective and may poorly manage this disease. Dr. Chebrolu studies lean diabetes through the lens of gestational diabetes (GDM), investigating its association with both tuberculosis and HIV, as well as determining that traditional risk factors for diabetes do not necessarily apply to lean diabetes or GDM. Her work has contributed to improved screening for GDM in pregnant women at BJ Medical School in Pune, India. Dr. Chebrolu was awarded a NIH Fogarty Research award in 2021 to continue her work on GDM.

Dr. Sasha Fahme MD (Tanzania)

Dr. Fahme began her training at Weill Bugando in Tanzania, focusing on hypertension in people living with HIV as well as on improving the retention and advancement of women from LIMC in global health research. She then leveraged her research training there to study women's health in Lebanon. She is examining the impact of forced displacement on the sexual and reproductive health of Syrian refugee women and adolescents living in Lebanon. Promoted to Assistant Professor of Medicine at Weill Cornell, Dr. Fahme continues her research with female refugees as well as co-directs the Weill Cornell Female Global Scholars Program.



Dr. Sasha Fahme conducting field research in a refugee camp

Dr. Justin Kingery MD, PhD (Tanzania)

Dr. Kingery, the first Weill Cornell Global Health Research fellow, studies the immune effects on cardiovascular disease, specifically exploring the mechanisms of macrophage interaction with the cardiovascular system. During his fellowship he established an echocardiography team at Weill Bugando in Tanzania. With his team, he demonstrated that people living with HIV have twice the risk of diastolic dysfunction, which may be driven by alternatively activated monocytes. Dr. Kingery was promoted to Assistant Professor of Medicine and awarded a NIH K23 award in 2019.

Dr. Kathleen Walsh MD, MS (Haiti)

Dr. Walsh's research focuses on the epidemiology and management of drug-resistant tuberculosis in Haiti. Working closely with her colleagues at GHESKIO Centers in Port-au-Prince, Haiti, Dr. Walsh has conducted a phase 2 clinical trial exploring a novel drug for the treatment of tuberculosis. She has demonstrated novel risk factors for isoniazid-resistant tuberculosis and unique molecular clustering of this form of drug-resistant tuberculosis. She was promoted to Assistant Professor of Medicine in 2019 and received a Burroughs Wellcome Award in 2020. Dr. Walsh is also devoted to improving the retention of women in the field of global health and co-directs the Weill Cornell Female Global Scholars Program.

Dr. Lily Yan MD, MS (Haiti)

Dr. Yan's research focuses on understanding the relevant social and environmental factors that contribute to the overwhelming burden of cardiovascular disease in Haiti. Together with her colleagues at GHESKIO Centers in Port-au-Prince, Haiti, Dr. Yan has demonstrated an association between high blood lead levels and hypertension among adults living in slum communities in Haiti prompting further investigation into how to reduce lead levels and improve cardiovascular health. She also directs research into prehypertension management for adults living with HIV in the GHESKIO cardiovascular clinic, a unique area currently lacking evidence-based guidelines.



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