



Fogarty Research and Research Training Programs

The Fogarty International Center is dedicated to advancing the mission of the National Institutes of Health (NIH) by supporting and facilitating global health research conducted by U.S. and international investigators. As part of its mission, Fogarty invests in research training for U.S. and low- and middle-income country (LMIC) scientists who serve on the front lines of the fight against diseases that threaten populations around the world and in the United States.

Bioethics Training

These programs support education and research training to develop ethics expertise in LMICs. The programs complement other global health research and research training programs in the mission areas of NIH Institutes and Centers.

Project Types & Mechanisms

The International Research Ethics Education & Curriculum Development Award (R25) supports curriculum development for master's level courses; courses for skill development; and mentoring activities.

The International Bioethics Research Training Program (D43) supports LMIC-U.S. collaborative institutional bioethics doctoral and postdoctoral research training programs to prepare trainees for positions at health research institutions in LMICs.

Program Officer

Dr. Barbara Sina
Barbara.Sina@nih.gov

Chronic, Noncommunicable Diseases (NCD-Lifespan)

Fogarty's NCD-Lifespan program comprises two subgroups.

The *Chronic, NCDs & Disorders Across the Lifespan* program supports collaborative research training between institutions in the U.S. and LMICs.

The *Global NCDs & Injury Across the Lifespan Research* program aims to support innovative, collaborative biomedical or behavioral/social science research in the areas of NCDs and injury throughout life in LMICs.

Project Types & Mechanisms

Chronic NCDs aims to strengthen research capacity of LMIC institutions and train in-country experts with the goal of implementing evidence-based interventions relevant to their countries (D43, D71).

Global NCDs encourages basic to clinical and translational research in addition to specific NCD or injury focused areas (R21).

Program Officer

Dr. Marya Levintova
Marya.Levintova@nih.gov

Data Science for Health Discovery and Innovation in Africa (DS-I Africa)

DS-I Africa facilitates the development of a robust network of health-related data science partnerships across the African continent and in the U.S., including numerous national health ministries, nongovernmental organizations, corporations and other academic institutions.

Project Types & Mechanisms

The program will establish a consortium consisting of a data science platform and coordinating center (U2C); seven research hubs (U54); seven data science research training programs (U2R); and four projects focused on studying the ethical, legal and social implications of data science research (U01).

Program Officer

Dr. Laura K. Povlich
Laura.Povlich@nih.gov

Ecology and Evolution of Infectious Diseases (EEID)

This multi-agency program supports research on the ecological, evolutionary, organismal, and social drivers that influence transmission dynamics for infectious diseases of concern in LMICs. Research focus is on the determinants and interactions of transmission among humans, non-human animals and/or plants.

Project Types & Mechanisms

Projects should be broad, interdisciplinary efforts that go beyond the scope of typical studies. The central theme must be quantitative or computational understanding of pathogen transmission dynamics (NSF-20-585).

Program Officer

Dr. Christine Jessup
Christine.Jessup@nih.gov

Global Brain Disorders Research

The Global Brain and Nervous System Disorders Research across the Lifespan program supports collaborative research and capacity building projects relevant to LMICs on brain and nervous system disorders throughout life.

Project Types & Mechanisms

Exploratory and developmental research grants (R21) help researchers develop collaborations, build research capacity and conduct pilot studies. Research grants (R01) support well-developed collaborations and capacity building for research networks within institutions, countries or regions.

Program Officer

Dr. UnJa Hayes
Unja.Hayes@nih.gov

Global Infectious Disease (GID) Research Training

This program addresses research training needs related to infectious diseases that predominantly impact people living in developing countries. The focus is on a major endemic or life-threatening emerging infectious disease, neglected tropical disease, infections that frequently occur as a co-infection in HIV infected individuals, or infections associated with noncommunicable disease conditions of public health importance in LMICs.

Project Types & Mechanisms

Training programs include a variety of research training options to match the needs of the developing country institution, both Planning Grant for Global Infectious Disease Research Training Program (D71) and Global Infectious Disease Research Training Program (D43). The goal is to build a critical mass of researchers and support staff to conduct independent infectious disease research in developing country institutions.

Program Officer

Dr. Barbara Sina
Barbara.Sina@nih.gov

Mobile Health: Technology and Outcomes in LMICs (mHealth)

This program supports projects studying the development, validation, feasibility, and effectiveness of innovative mHealth interventions or tools suited to LMICs. Research focuses on the utility of new or emerging technology, platforms, systems, or analytics.

Project Types & Mechanisms

The goal of the mHealth program is to catalyze innovation through multidisciplinary research and develop an evidence base for the use of mHealth technology to improve health outcomes in LMICs (R21/R33).

Program Officer

Dr. Brad Newsome
Brad.Newsome@NIH.gov

Trauma and Injury Research Training

This program aims to strengthen injury and trauma research capacity at academic institutions in LMICs. Areas of study include but are not limited to: childhood injuries; intimate partner, domestic and gender-based violence; policy; prevention, treatment and rehabilitation of trauma and injury; and implementation science.

Project Types & Mechanisms

Research training can include long-, medium- and short-term training in trauma and injury priority areas that are currently underdeveloped at a given LMIC institution. Eligible focus areas are broad, including physical and psychological trauma and injury (R43).

Program Officer

Dr. Marya Levintova
Marya.Levintova@nih.gov

HIV/AIDS

Fogarty's HIV/AIDS program comprises three subgroups.

Fogarty HIV Research Training aims to strengthen human capacity to conduct research on evolving HIV-related epidemics in their countries.

Reducing Stigma to Improve HIV/AIDS Prevention, Treatment and Care in LMICs seeks to develop and test interventions to reduce the impact of HIV-associated stigma on the prevention and treatment of HIV infection and/or AIDS, and on the quality of life of People Living with HIV and/or AIDS.

HIV-associated NCD Research at LMIC Institutions aims to build a network of researchers both within and across LMICs.

Project Types & Mechanisms

HIV Training has provided over 25 years of support to researchers (D43, G11, D71).

Reducing Stigma supports collaborative exploratory research that improves the research environment and strengthens LMIC individual and institutional capabilities (R01).

HIV-NCD includes exploratory studies to uncover the extent to which HIV infection influences the etiopathogenesis of the NCDs; and research to identify and develop appropriate approaches for effective diagnosis, prevention, therapeutic interventions and integrated clinical care for PLWH with comorbid conditions (R21).

Program Officer

Dr. Geetha Bansal
Geetha.Bansal@nih.gov

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