FOGARTY INTERNATIONAL CENTER

Fogarty International Center

Vision

The Fogarty International Center's vision is a world in which the frontiers of health research extend across the globe and advances in science are implemented to reduce the burden of disease, promote health, and extend longevity for all people.

Mission

The Fogarty International Center is dedicated to advancing the mission of the National Institutes of Health by supporting and facilitating global health research conducted by U.S. and international investigators, building partnerships between health research institutions in the U.S. and abroad, and training the next generation of scientists to address global health needs.

Facts and Figures (FY2024)

- Budget: $96.162 million
- 488 funded grants
- 77% of grants involve a US individual/institution
- 61% of grants awarded for research training, 13% for career development, 26% for research
- Grantees published nearly 1,400 scientific articles
- 608 individuals from 57 countries trained through extramural research programs

Background

Established in 1968, Fogarty's distinct mission of global health research and research training ensures that all of NIH can harness scientific talent worldwide to combat health threats in the U.S. and abroad. Fogarty's extramural portfolio supports collaborations between U.S. institutions and their global partners, with a focus on scientific partnerships with low- and middle-income country (LMIC) research institutions. In addition to their scientific discoveries, many current and former Fogarty grantees and trainees are now senior national and global leaders, informing health policies and programs in the U.S. and other countries and training the next generation of leaders. Fogarty programs span a wide range of cross-cutting topics, including non-communicable diseases, global brain disorders, mobile technologies and health, trauma and injury, research ethics, and emerging infections. **In FY2024, Fogarty funded 440 grants to US grantees across 39 states and involving 122 US institutions.** Overall, more than 7,500 individuals from 132 countries have received long-term training through Fogarty programs.

Mathematical Modeling to Address Emerging Threats

Fogarty's in-house research unit uses mathematical models to track the global spread of infectious diseases and inform policymakers on current and emerging threats. The team also investigates the population dynamics of infectious disease spread and is combining genomic and epidemiologic data to better predict the size, severity, and timing of emerging infectious disease outbreaks.

Catalytic Role and Cross-IC Collaboration

Fogarty plays a unique role at NIH by leveraging the complementary strengths and interests of multiple NIH ICOs to achieve common scientific goals in global health. Early-career scientists funded by Fogarty support go on to receive research support from other ICOs. Fogarty also invests in the research infrastructure in partner countries, including strengthening research ethics capacity, which enables US scientists to conduct vital research with their in-country collaborators. Fogarty has consistently proven to be highly collaborative. In FY2024, 27 ICOs contributed co-funding to at least one of FIC's programs and other ICOs contributed 52% of the total funds awarded through FIC programs.

Coordination of NIH's International Engagements

Fogarty works with the NIH Office of the Director and across the ICOs to respond to inquiries about supporting research outside the U.S. This includes development of bilateral and multi-lateral cooperative programs; hosting of delegations with relevant NIH ICOs and the NIH Director; and representation of NIH international research agendas and policies with other relevant USG agencies and White House offices.

Fogarty Programs Benefit Americans

Scientists supported by Fogarty conduct and train others to carry out research on health problems of importance to Americans, such as cardiovascular disease, Alzheimer's disease, diabetes, and stroke. Scientists trained through Fogarty programs also detect infectious diseases at their source and help to prevent their spread, before they become pandemics. Our support bolsters the reach and competitiveness of U.S. universities by offering U.S. scientists international research training opportunities and cultivating promising global collaborations. Fogarty also promotes U.S. leadership through our partnerships with scientists, governmental entities, and research funding agencies around the world.

Leadership in NIH Initiatives

Fogarty coordinates NIH involvement in the Global Alliance for Chronic Diseases (GACD), an alliance of 15 of the world's largest health research funding agencies and the first of its kind to specifically address the disproportionate burden of non-communicable diseases (NCDs) in LMICs.

In close collaboration with three other ICs, Fogarty led the development and leads the implementation of the NIH Common Fund's Harnessing Data Science for Health Discovery and Innovation in Africa program (DSI-Africa), which leverages data science technologies to develop solutions to the continent's most pressing health problems through a robust ecosystem of new partners from academic, government and private sectors.

Fogarty provides leadership in global implementation science across NIH through research and research training investments, direction and guidance on NIH-wide initiatives, and active engagement in international research collaborations. This scientific priority at NIH aims to ensure that proven and effective health interventions are successfully implemented and scaled in real-world settings.