



Fogarty International Center

CONGRESSIONAL JUSTIFICATION
FY 2024

Department of Health and Human Services
National Institutes of Health

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DEPARTMENT OF HEALTH AND HUMAN SERVICES

NATIONAL INSTITUTES OF HEALTH

Fogarty International Center (FIC)

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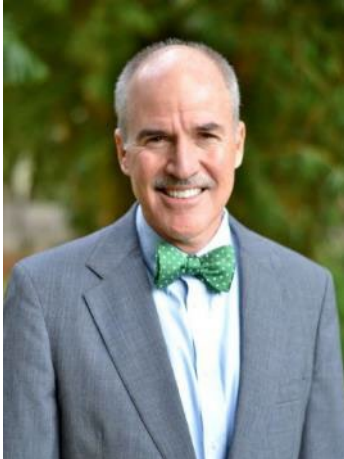
General Notes

1. FY 2023 Enacted levels cited in this document include the effects of the FY 2023 HIV/AIDS transfer, as shown in the Amounts Available for Obligation table.
2. Detail in this document may not sum to the subtotals and totals due to rounding.

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Director's Overview

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



Peter Kilmarx, M.D.

**Acting Director of the FIC and
Acting Associate Director for
International Research**

Fogarty's research and training programs bring scientists together from across the globe to address health challenges that affect us all. Compared to other Institutes and Centers at NIH, we, as part of our mission, offer training opportunities that are targeted towards scientists from countries with less developed research capacity, helping to develop and inspire the next generation of scientists to turn discoveries into improved health for people around the world.

Programmatically, Fogarty complements and supports the work of other parts of NIH by identifying unique, often transdisciplinary global scientific opportunities that cut across the mission of NIH's Institutes, Centers, and Offices. Fogarty also strengthens individual and institutional research capacity through early-career training that enables scientists to go on to receive support from other NIH Institutes. Fogarty also leads several NIH-wide activities and partners extensively across the U.S. Government, with foreign governments, and with key international research organizations.

Fogarty's programs benefit the U.S. in several ways. First, our programs strengthen the scientific workforce, contribute to the training of the medical workforce, and develop global research networks that are prepared to take on existing and future threats at their source and prevent their spread. Second, health innovations, strategies, and solutions developed abroad can be adapted and adopted here at home for similarly situated populations, such as in regions with limited infrastructure or access to medical facilities. Third, Fogarty's investments bolster the reach and competitiveness of U.S. universities by offering training opportunities for U.S. scientists abroad. Currently, Fogarty supports 340 research and research training awards involving 74 U.S. universities. Nearly all of these awards involve U.S. researchers, and 60 percent of Fogarty grants are awarded to U.S. institutions that partner with research institutions in low- and middle-income countries (LMICs). These collaborations result in long-term relationships that provide scientific and training opportunities for both partners and help American scientists remain at the forefront of scientific discovery.

Turning Discovery into Health: Science for Everyone by Everyone

Fogarty'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. For Fogarty, supporting science for everyone means a focus on health issues that are relevant across the globe. As we learned from the COVID-19 pandemic, the health of Americans is increasingly intertwined with that of populations around the world, and

each of us now sees that “none are safe until all are safe.” Accordingly, Fogarty’s diverse portfolio of research and training programs addresses a wide range of diseases and cross-cutting health challenges that are relevant around the world.

One such example is our multi-faceted approach to pandemic preparedness. Fogarty’s in-house epidemiological modeling team conducts research using advanced computational tools and techniques while leading training for LMIC scientists on the use of genomic data to track the spread of emerging pathogens. The team is also a leading partner for the **COVID-19 Scenario Modeling Hub**, a consortium of partners combining insights from different models to inform decision-makers, public health experts, and the general public on the possible epidemiological trajectories of SARS-CoV-2 variants and the effectiveness of public health interventions. Additionally, many foreign scientists who started their careers through Fogarty training programs are now leaders in their country’s pandemic response, including Dr. Christian Happi, who sequenced the first SARS-CoV-2 strain identified in Nigeria, and Dr. Sikhulile Moyo, who discovered the omicron variant in Botswana.

Too often, scientific advances do not benefit all people equally. Fogarty supports research that examines the social and environmental determinants that lead to health disparities to better understand and address these inequities. For example, Fogarty is a lead partner in an NIH Common Fund program on **Harnessing Data Science for Health Discovery and Innovation in Africa (DS-I Africa)**. One of the DS-I Africa research hubs at Moi University in Kenya aims to develop data science leaders who are equipped to capture and analyze data on social determinants of health and design more effective interventions for communicable and non-communicable diseases. Dr. Simone Badal, an **Emerging Global Leader** awardee with the National Cancer Institute (NCI) and Fogarty, is addressing research gaps of prostate cancer in Black men in Jamaica. Importantly, what we learn from research in LMICs may open our eyes to the same areas of concern at home. Recent investments have enabled Fogarty to reach research groups that have been marginalized. The **Reducing Stigma to Improve HIV/AIDS Prevention, Treatment and Care in LMICs** program includes several awards exploring the intersection of stigma and health disparities. Furthermore, recent funding increases are supporting new health disparities research grants, expanding opportunities for under-represented minorities in research training programs, and facilitating networking among researchers across several Fogarty programs.

Fogarty’s approach ensures that scientific research opportunities are open to everyone. We are committed to diversity, equity, inclusion, and accessibility among our staff and the scientific workforce we support in the global health research community. For example, we have made concerted efforts to engage underrepresented minorities in the **Launching Future Leaders in Global Health Research Training (LAUNCH)** program (formerly known as the Global Health Program for Fellows and Scholars). More than half of the latest cohort are women and more than 20 percent of U.S. Fellows self-identified as an under-represented minority. In another example, a **Chronic, Noncommunicable Diseases and Disorders Across the Lifespan: Fogarty International Research Training (NCD-Lifespan)** program in South America trains indigenous researchers on topics such as epidemiology, genetics, and neuroimaging so that they can develop a greater understanding of the major psychiatric disorders in their populations.

Ensuring Global Health Research Benefits All People at All Stages of Life

Fogarty's research and training portfolio reaches diverse global populations of all ages. For example, grantees in the NCD-Lifespan program study health challenges affecting people of all ages including mental health, cardiovascular disease, cancer, maternal and child health, and substance abuse and addiction – all of which are relevant to U.S. populations. Over the past 20 years, grantees have contributed to clinical research protocols, new patient registries and databases, data analysis tools, and improved public health policies.

Fogarty's efforts include often overlooked populations, such as adolescents living with HIV. The **Adolescent HIV Prevention and Treatment Implementation Science Alliance (AHISA)** aims to use evidence to improve care for teens, who often do not seek medical services. AHISA's work shows the importance of listening to adolescents and tailoring services to this age group's unique characteristics. In another example, **Emerging Global Leader** awardee Dr. Manasi Kumar is testing the use of technology to provide mental health interventions for pregnant adolescents in Kenya, in the context of the COVID-19 pandemic.

Inspiring the Next Generation of Scientists

Investing in people is central to Fogarty's mission. For example, Fogarty supports early career scientists from the U.S. and LMICs through several career development awards, such as the LAUNCH program described earlier. Fellows participate in mentored research training at established biomedical and health research institutions and project sites in LMICs. Former Fellows often become leaders in global health research at the forefront of discovery. For example, several former Fellows play important roles as a part of the COVID-19 Prevention Network (CoVPN), tasked with conducting vaccine and monoclonal antibody efficacy trials. Fogarty provides additional opportunities for early career scientists from the United States through the **International Research Scientist Development Award (IRSDA)** and LMIC scientists through the **Emerging Global Leader Award**. For example, awardee Dr. Lola Kola from Nigeria led the design and development of an innovative, technology-based approach to improve the mental health of young mothers.

Fogarty trainees, Fellows, and Principal Investigators are now inspiring future generations of scientists as leaders in global health. Dr. John Nkengasong's early training in a Fogarty program had a positive impact on his career. He was recently confirmed as the U.S. Global AIDS Coordinator Ambassador and previously led the Africa Centers for Disease Control and Prevention. Dr. Michelle Groome is a former Emerging Global Leader awardee who now leads the National Institute for Communicable Diseases in South Africa. Dr. Folasade Ogunsola, a grantee of several Fogarty programs, was recently appointed the first female Vice Chancellor at the University of Lagos. Individuals like these in Fogarty's powerful network are contributing to scientific advancements in their countries as well as supporting, mentoring, and inspiring the next generation of global health leaders.

Promoting the Public Good

Fogarty's cross-cutting programs are designed to benefit the public at large by addressing significant and emerging threats that affect us all. For example, the **Global Environmental and Occupational Health (GEOHealth)** program supports regional research hubs in LMICs that are providing guidance to policymakers on complex issues such as health problems resulting from climate change-related droughts, floods, heat waves, and vector- and water-borne diseases. Additionally, new **DS-I Africa** research hubs aim to mitigate the health impacts of climate change and address anti-microbial resistance in Africa using data science.

These and many other Fogarty programs help inform local, national, and international policies. In India, for example, Dr. Nandini Kumar is a former trainee and more recent grantee of Fogarty's **International Bioethics Research Training Program**. She has played a crucial role in guiding her country's bioethics framework and policies to ensure that biomedical research is performed ethically and vulnerable populations are protected. On the global scale, Fogarty's in-house epidemiological research unit has contributed modeling projections to the White House, U.S. Centers for Disease Control and Prevention (CDC), and World Health Organization (WHO), as well as state governments across the United States, informing their responses to the COVID-19 pandemic.

Fogarty has also stepped up efforts to ensure that all grantees and trainees have a safe environment for research. Fogarty recently provided funding to several LMIC institutions to develop and strengthen policies and procedures to address sexual harassment at their institutions. Grantees conducted surveys, raised awareness, organized training, and instituted a variety of measures to help ensure safer work environments.



Overview

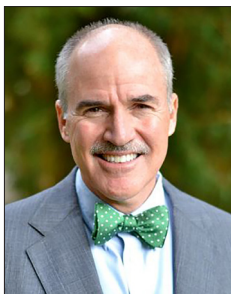
The Fogarty International Center is dedicated to advancing the NIH mission by supporting and facilitating global health research conducted by U.S. and international investigators, building partnerships between health research institutions in the United States and abroad, and training the next generation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

Since the 1980s, Fogarty has supported innovative programs that train future global health leaders and harness scientific talent around the world to tackle complex health challenges and accelerate discovery. 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. Fogarty also serves as a focal point for international activities at NIH, helping to advance global health research agendas, develop NIH-wide cooperative activities, establish agreements between NIH and foreign institutions, and represent the NIH international research agenda within the U.S. Government.

Facts and Figures (FY2022)

- 340 active awards through Fogarty programs
- Awards include \$61 million of Fogarty funding coupled with \$37 million in contributions from 21 other NIH Institutes, Centers and Offices and other U.S. Government partners
- 310 Principal Investigators including scientists from 74 American universities
- Nearly 1,400 articles published by grantees
- 657 individuals from 25 countries trained
- 57 full-time employees

Acting Director



Peter Kilmarx

Acting Director of the Fogarty International Center and Acting Associate Director for International Research.

Dr. Peter Kilmarx, an expert on infectious disease research and HIV/AIDS prevention, received his M.D. from Dartmouth University.

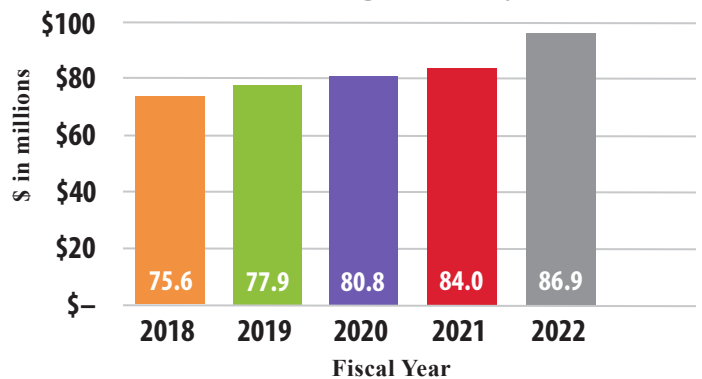


Photo courtesy of Lindille Cele

Research and Training Highlights

- Former Fogarty trainees and Fellows are now global health leaders, such as U.S. Global AIDS Coordinator, **Ambassador Dr. John Nkengasong** and head of the National Institute for Communicable Diseases in South Africa, **Dr. Michelle Groome**.
- Former Fellow **Dr. Sikhulile Moyo** discovers the omicron variant of SARS-CoV-2 in Botswana.
- Fogarty’s in-house epidemiological modeling team informs the U.S. and global response to the pandemic.
- Research partners from Atlanta and Guatemala develop a device and mHealth app that reduces risks in pregnancy and delivery in rural Guatemala.
- Former Fogarty trainees lead a groundbreaking multi-country trial for a treatment for drug-resistant tuberculosis that is effective at a lower dosage with fewer side effects.
- Over the past decade, Fogarty helped lead the NIH Common Fund’s Human Heredity and Health in Africa program and now leads Harnessing Data Science for Health Discovery and Innovation in Africa (DS-I Africa), advancing science and strengthening the health workforce in Africa.

Funding History



FY2023 enacted amount is \$95.2 million

FY2024 President’s Budget request is \$95.1 million

Recent Accomplishments

Leading research on COVID-19 vaccines and treatments

As the SARS-CoV-2 outbreak rapidly turned into a global pandemic, NIH formed the COVID-19 Prevention Network (CoVPN) tasked with conducting vaccine and monoclonal antibody efficacy trials. Many CoVPN investigators from the U.S. and LMICs were better prepared to face the pandemic because of Fogarty-supported training. **Dr. Jim Kublin**, CoVPN's director of operations, received Fogarty support to study malaria. He is now applying that training to COVID-19. His experience is just one example of how Fogarty helps develop and expand the pipeline of global health researchers able to take on new and emerging threats.

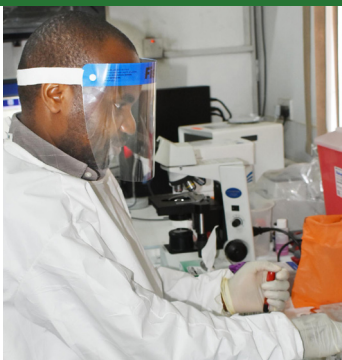


Photo courtesy of UNC

Helping teen mothers manage post-partum depression

Adolescent mothers are at greater risk for depression and anxiety than their adult counterparts, yet they often don't receive the mental health care they need due to stigma. **Dr. Lola Kola**, a current Fogarty Emerging Global Leader, led the design and development of a mobile phone app to encourage young mothers in Nigeria to seek treatment via short, age-appropriate animated videos. Through her grant Dr. Kola and colleagues at the University of Ibadan, Nigeria completed a field trial of the app and are now exploring its use in other countries. She was featured in *The Lancet* for this pioneering work.

Select Current Activities

- **HIV Research Training Program for LMIC Institutions:** Part of Fogarty's long history of supporting HIV/AIDS research, this program strengthens the capacity of institutions in LMICs to conduct HIV/AIDS-related research. Past scientific advancements relate to mother-to-child transmission, pre-exposure prophylaxis (PrEP), HIV/TB coinfection, behavior change, microbicides, and antiretroviral drugs.
- **Global Brain and Nervous System Disorders Research:** This longstanding program supports collaborative research and capacity building projects on the brain and nervous system disorders at all life stages, which pose particular challenges in the developing world. Grantees have generated evidence on mental health, substance abuse, and gene-environment interactions, while informing practice and policy in the U.S and abroad.
- **Emerging Global Leader Award:** An exciting opportunity to support early career LMIC scientists with mentorship, research skill-building, and career development. Grantees go on to become leaders in their countries and part of a growing network of global health scientists prepared to address current and future global health crises.

Future Initiatives

- **Pandemic Preparedness:** Fogarty will continue to strengthen the scientific workforce to address emerging infectious diseases and future pandemics and will also engage in global networks and support research to inform public health policy on emerging outbreaks.
- **Climate Change and Human Health:** Fogarty and several other NIH Institutes are partnering to plan and design research and research training activities to reduce health threats from climate change across the lifespan and build health resilience in individuals, communities, and nations, especially among those at highest risk.
- **HIV/AIDS Implementation Science:** Fogarty will support researchers in LMICs to engage policymakers and ministries of health to develop implementation science research agendas that promote evidence-based practices in a manner that complements other U.S. investments and programs.



Photo courtesy of Learn Andrews

Major Changes in the Fiscal Year 2024 Budget Request

Major changes by budget mechanism and/or budget activity detail are briefly described below. Note that there may be overlap between budget mechanism and activity detail, and these highlights will not sum to the total change for the FY 2024 President's Budget request for FIC, which is \$95.1 million, the same as the FY 2023 Enacted level. FIC will pursue research priorities through strategic investments and careful stewardship of appropriated funds.

Research Project Grants (RPGs) (-\$0.3 million, total \$14.3 million):

FIC will support a total of 65 Research Project Grant (RPG) awards in FY 2024, the same number of awards as in FY 2023. Research Project awards will decrease by \$0.3 million, or -2.3 percent from FY 2023.

Research Centers and Other Research (-\$1.2 million, total \$52.2 million):

Research Center awards will decrease by \$24,000, or -2.2 percent, relative to FY 2023; Career awards will decrease by \$0.2 million, or -2.2 percent; and Other Research -- Other awards will decrease by \$1.0 million, or -2.2 percent.

Research Management and Support (+\$1.4 million, total \$23.7 million):

Research Management and Support (RMS) will increase \$1.4 million, or 6.4 percent, relative to the FY 2023 Enacted level. This will cover pay cost increases and other inflation, and additional support for program management.

BUDGET MECHANISM TABLE

NATIONAL INSTITUTES OF HEALTH
Fogarty International Center

Budget Mechanism *
(Dollars in Thousands)

Mechanism	FY 2022 Final		FY 2023 Enacted		FY 2024 President's Budget		FY 2024 +/- FY 2023	
	Number	Amount	Number	Amount	Number	Amount	Number	Amount
Research Projects:	-	-	-	-	-	-	-	-
Noncompeting	28	\$6,965	35	\$8,231	50	\$10,737	15	\$2,506
Administrative Supplements	(11)	\$796	(10)	\$1,000	(10)	\$1,000	(0)	\$0
Competing:	-	-	-	-	-	-	-	-
Renewal	4	\$424	4	\$424	4	\$424	0	\$0
New	25	\$4,585	26	\$4,941	11	\$2,104	-15	-\$2,837
Supplements	0	\$0	0	\$0	0	\$0	0	\$0
Subtotal, Competing	29	\$5,009	30	\$5,365	15	\$2,528	-15	-\$2,837
Subtotal, RPGs	57	\$12,770	65	\$14,596	65	\$14,265	0	-\$331
SBIR/STTR	0	\$0	0	\$0	0	\$0	0	\$0
Research Project Grants	57	\$12,770	65	\$14,596	65	\$14,265	0	-\$331
Research Centers	-	-	-	-	-	-	-	-
Specialized/Comprehensive	0	\$1,025	0	\$1,092	0	\$1,068	0	-\$24
Clinical Research	0	\$0	0	\$0	0	\$0	0	\$0
Biotechnology	0	\$0	0	\$0	0	\$0	0	\$0
Comparative Medicine	0	\$0	0	\$0	0	\$0	0	\$0
Research Centers in Minority Institutions	0	\$0	0	\$0	0	\$0	0	\$0
Research Centers	0	\$1,025	0	\$1,092	0	\$1,068	0	-\$24
Other Research:	-	-	-	-	-	-	-	-
Research Careers	80	\$8,277	85	\$8,815	83	\$8,621	-2	-\$194
Cancer Education	0	\$0	0	\$0	0	\$0	0	\$0
Cooperative Clinical Research	0	\$0	0	\$0	0	\$0	0	\$0
Biomedical Research Support	0	\$0	0	\$0	0	\$0	0	\$0
Minority Biomedical Research Support	0	\$0	0	\$0	0	\$0	0	\$0
Other	166	\$39,513	183	\$43,513	179	\$42,556	-4	-\$957
Other Research	246	\$47,790	268	\$52,328	262	\$51,177	-6	-\$1,151
Total Research Grants	303	\$61,585	333	\$68,016	327	\$66,509	-6	-\$1,507
Ruth L Kirschstein Training Awards:	FTTPs		FTTPs		FTTPs		FTTPs	
Individual Awards	0	\$0	0	\$0	0	\$0	0	\$0
Institutional Awards	0	\$0	0	\$0	0	\$0	0	\$0
Total Research Training	0	\$0	0	\$0	0	\$0	0	\$0
Research & Develop. Contracts	0	\$4,262	0	\$4,819	0	\$4,889	0	\$70
SBIR/STTR (non-add)	(0)	(\$0)	(0)	(\$0)	(0)	(\$0)	(0)	(\$0)
Intramural Research	0	\$0	0	\$0	0	\$0	0	\$0
Res. Management & Support	57	\$21,001	61	\$22,295	61	\$23,731	0	\$1,436
SBIR Admin. (non-add)		(\$0)		(\$0)		(\$0)		(\$0)
Construction		\$0		\$0		\$0		\$0
Buildings and Facilities		\$0		\$0		\$0		\$0
Total, FIC	57	\$86,849	61	\$95,130	61	\$95,130		0

*All items in italics and brackets are non-add entries.

NATIONAL INSTITUTES OF HEALTH

JOHN E. FOGARTY INTERNATIONAL CENTER

For carrying out the activities of the John E. Fogarty International Center (described in subpart 2 of part E of title IV of the PHS Act), [~~\$95,162,000~~]*\$95,130,000*.

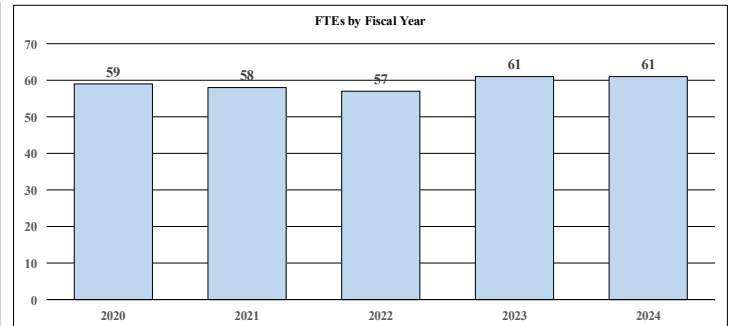
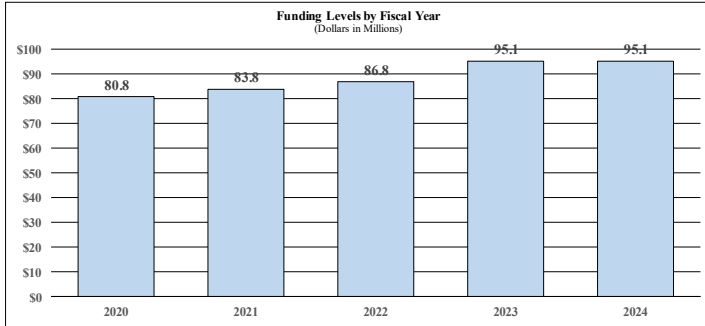
**NATIONAL INSTITUTES OF HEALTH
Fogarty International Center**

**Summary of Changes
(Dollars in Thousands)**

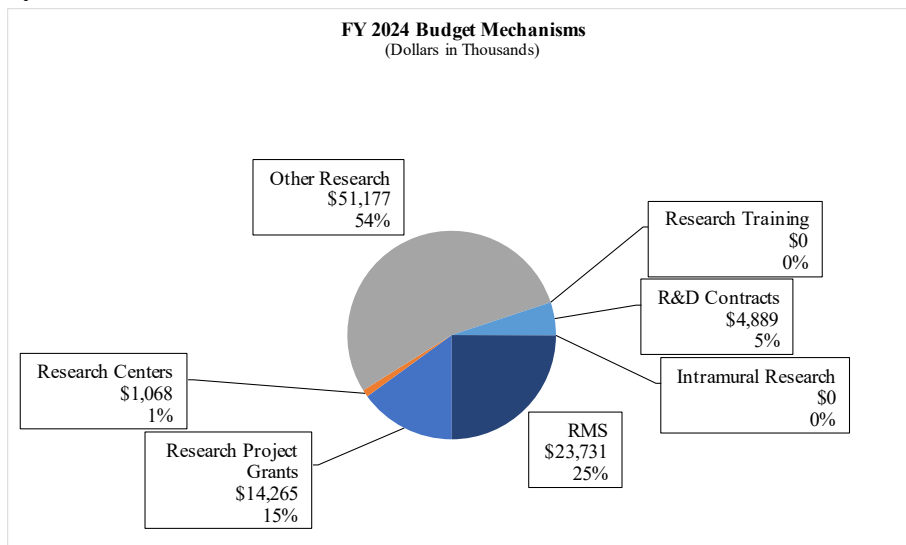
CHANGES	FY 2023 Enacted		FY 2024 President's Budget		Built-In Change from FY 2023 Enacted	
	FTEs	Budget Authority	FTEs	Budget Authority	FTEs	Budget Authority
A. Built-in:						
<u>1. Intramural Research:</u>						
a. Annualization of FY 2023 pay and benefits increase		\$0		\$0		\$0
b. FY 2024 pay and benefits increase		\$0		\$0		\$0
c. Paid days adjustment		\$0		\$0		\$0
d. Differences attributable to change in FTE		\$0		\$0		\$0
e. Payment for centrally furnished services		\$0		\$0		\$0
f. Cost of laboratory supplies, materials, other expenses, and non-recurring costs		\$0		\$0		\$0
Subtotal						\$0
<u>2. Research Management and Support:</u>						
a. Annualization of FY 2023 pay and benefits increase		\$11,001		\$11,588		\$122
b. FY 2024 pay and benefits increase		\$11,001		\$11,588		\$421
c. Paid days adjustment		\$11,001		\$11,588		\$42
d. Differences attributable to change in FTE		\$11,001		\$11,588		\$0
e. Payment for centrally furnished services		\$0		\$0		\$0
f. Cost of laboratory supplies, materials, other expenses, and non-recurring costs		\$11,294		\$12,143		\$240
Subtotal						\$825
Subtotal, Built-in						\$825
CHANGES	No.	Amount	No.	Amount	No.	Amount
B. Program:						
<u>1. Research Project Grants:</u>						
a. Noncompeting	35	\$9,231	50	\$11,737	15	\$2,506
b. Competing	30	\$5,365	15	\$2,528	-15	-\$2,837
c. SBIR/STTR	0	\$0	0	\$0	0	\$0
Subtotal, RPGs	65	\$14,596	65	\$14,265	0	-\$331
2. Research Centers	0	\$1,092	0	\$1,068	0	-\$24
3. Other Research	268	\$52,328	262	\$51,177	-6	-\$1,151
4. Research Training	0	\$0	0	\$0	0	\$0
5. Research and development contracts	0	\$4,819	0	\$4,889	0	\$70
Subtotal, Extramural		\$72,835		\$71,399		-\$1,436
6. Intramural Research	0	\$0	0	\$0	0	\$0
7. Research Management and Support	61	\$22,295	61	\$23,731	0	\$611
8. Construction		\$0		\$0		\$0
9. Buildings and Facilities		\$0		\$0		\$0
Subtotal, Program	61	\$95,130	61	\$95,130	0	-\$825
Total built-in and program changes						\$0

Fiscal Year 2024 Budget Graphs

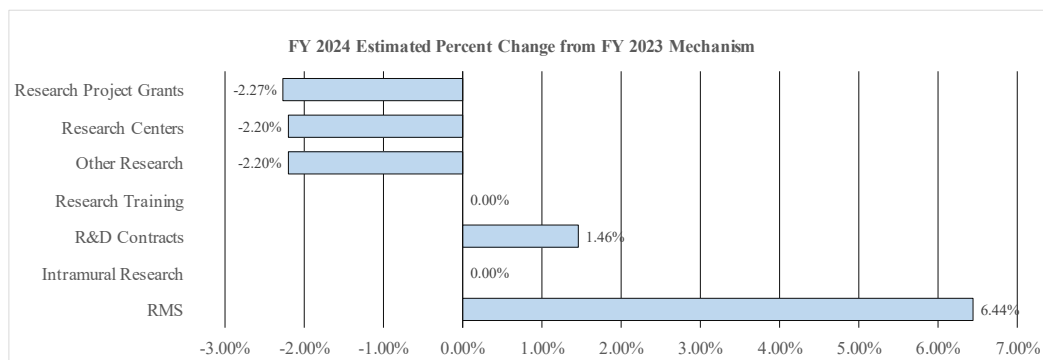
History of Budget Authority and FTEs:



Distribution by Mechanism:

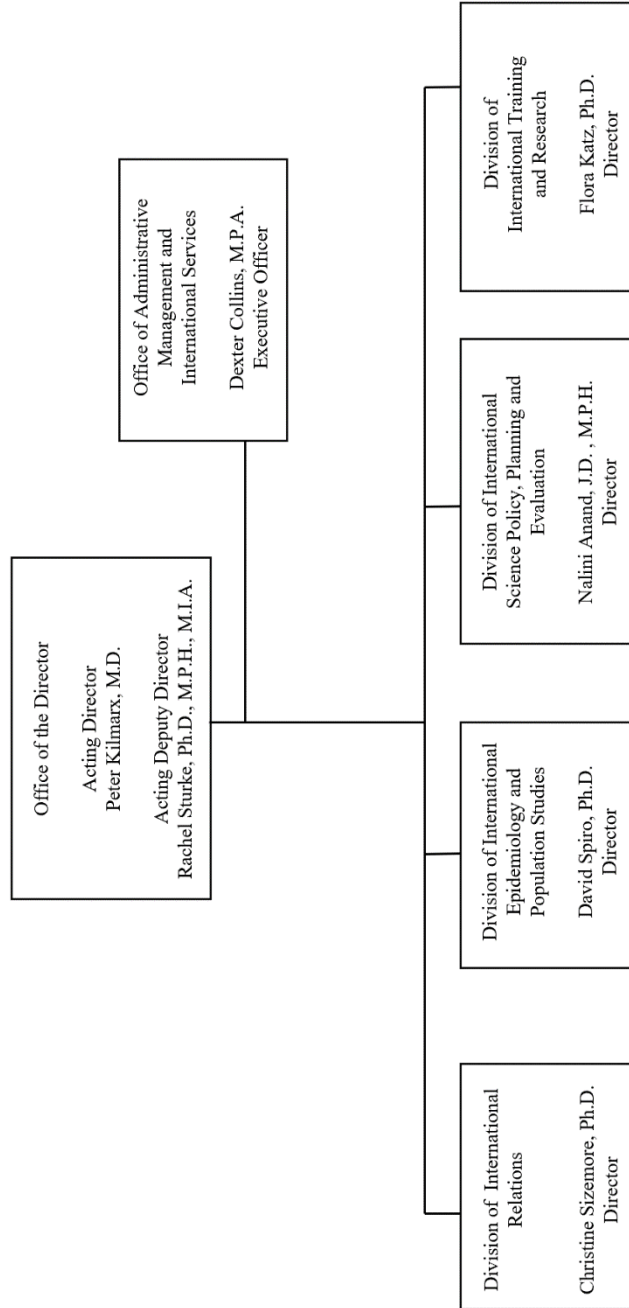


Change by Selected Mechanisms:



NATIONAL INSTITUTES OF HEALTH

John E. Fogarty International Center



ORGANIZATION CHART

BUDGET AUTHORITY BY ACTIVITY TABLE
NATIONAL INSTITUTES OF HEALTH
Fogarty International Center

Budget Authority by Activity*
(Dollars in Thousands)

	FY 2022 Final		FY 2023 Enacted		FY 2024 President's Budget		FY 2024 +/- FY 2023 Enacted	
	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>
<u>Extramural Research</u>								
Detail								
Research Capacity Strengthening		\$21,383		\$23,652		\$23,185		-\$466
Development of Human Resources for Global Health Research		\$32,648		\$36,112		\$35,400		-\$712
International Collaborative Research		\$11,817		\$13,071		\$12,813		-\$258
Subtotal, Extramural		\$65,848		\$72,835		\$71,399		-\$1,436
Intramural Research	0	\$0	0	\$0	0	\$0	0	\$0
Research Management & Support	57	\$21,001	61	\$22,295	61	\$23,731	0	\$1,436
TOTAL	57	\$86,849	61	\$95,130	61	\$95,130	0	\$0

*Includes FTEs whose payroll obligations are supported by the NIH Common Fund.

JUSTIFICATION OF BUDGET REQUEST

Fogarty International Center

Authorizing Legislation: Section 301 and Title IV of the Public Health Service Act, as amended.

Budget Authority (BA):

	<u>FY 2022 Final</u>	<u>FY 2023 Enacted</u>	<u>FY 2024 President's Budget</u>	<u>FY 2024 +/- FY 2023</u>
BA	\$86,849,000	\$95,130,000	\$95,130,000	\$0
FTE	57	61	61	0

Program funds are allocated as follows: Competitive Grants/Cooperative Agreements; Contracts; Direct Federal/Intramural and Other.

Overall Budget Policy: The FY 2024 President's Budget request is \$95.1 million, unchanged from the FY 2023 Enacted level.

Chronic, Noncommunicable Diseases and Disorders Across the Lifespan Research Training Program (NCD-Lifespan)

Addressing the growing burden of noncommunicable diseases (NCDs) is an ongoing challenge, especially in LMICs where human and research capacity are lacking. Over the last two decades, Fogarty has strengthened NCD research capacity through several programs, most recently through the **NCD-Lifespan** program. This program supports collaborative research training between U.S. and LMIC institutions, strengthens institutional capacity, and funds cutting edge science, with the goal of helping countries implement evidence-based interventions.

A recent NCD-Lifespan grant to Emory University supports locally driven research and implementation among two of their long-standing partners - India's Centre for Chronic Disease Control and Ethiopia's Addis Ababa University. These three institutions co-developed a training program to develop in-country capacity for more effective mentoring of young researchers. The program serves as a stepping-stone for more than 100 budding researchers from India and Ethiopia who aspire to conduct independent research addressing chronic conditions. As a part of the program, trainees work with health care stakeholders and representatives from the Indian and Ethiopian Ministries of Health to help advance policies and enhance scientific capabilities in both countries.

Past grantees have had long-lasting impacts on policies, including a notable partnership between Cairo University and the University of California, Los Angeles. Researchers collaborated on a multi-country study of a dangerously toxic version of the opioid Tramadol, which is sold cheaply on the streets in the Middle East. Evidence from their work ultimately helped inform the WHO and the governments of Egypt and the United Arab Emirates (UAE) about treatment needs of Tramadol users and promoted the approval of appropriate medications within the countries. Because of the research, treatment centers in both Egypt and the UAE now have seizure prevention strategies as part of their withdrawal management plans.

Program Descriptions

Research Capacity Strengthening:

The development of effective measures to address global health challenges requires U.S. and LMIC institutions that can conduct robust research and train the next generation of scientists to solve complex problems. These institutions can stimulate innovative and multidisciplinary research, generate effective and implementable solutions, and build a nimble and networked research workforce. Given that important scientific findings can come from anywhere in the world, Fogarty's research capacity-strengthening approach provides LMIC institutions and researchers with the tools to develop strong, sustainable research environments that contribute to the advancement of global health. This program area includes extramural research programs addressing a broad range of health and disease areas, including bioethics, infectious diseases, information and communication technology, trauma and injury, and epidemics such as Ebola and HIV/AIDS.

Budget Policy: The FY 2024 President's Budget request is \$23.2 million, a decrease of \$0.5 million or 2.0 percent from the FY 2023 Enacted level.



Photo Courtesy of Emily Chuba

Sustainable Development of Human Resources for Global Health Research

Breakthrough scientific advances in global health are built upon a foundation of well-trained researchers. Investing in the best and brightest minds and catalyzing research and training partnerships between talented U.S. and LMIC scientists continue to be a high priority. Well-trained LMIC researchers bring an understanding of the unique biological, epidemiological, social, and cultural contexts of their communities, thereby contributing this knowledge to research on health challenges that often have broader, global implications. This program area includes a range of multidisciplinary fellowships and advanced training for U.S. and LMIC scientists.

Budget Policy:

The FY 2024 President's Budget request is \$35.4 million, a decrease of \$0.7 million or 2.0 percent from the FY 2023 Enacted level

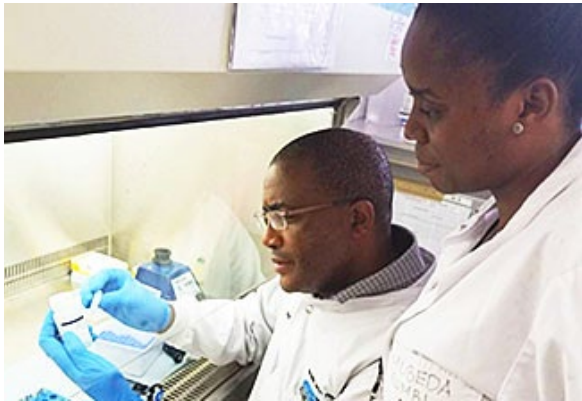


Photo courtesy of Doreen Ditshwamelo

Launching Future Leaders in Global Health Research Training Program (Global Health Fellows and Scholars/LAUNCH)

For the last 20 years Fogarty along with NIH partner Institutes have championed early-career scientists through the Global Health Fellows and Scholars Program. In 2022, the program was renamed the LAUNCH program to better reflect its purpose. This flagship program currently has 109 trainees, including 61 from LMICs. Trainees will conduct research at 66 institutions in 32 countries, from Bangladesh to Zimbabwe, with projects spanning fields such as cardiology, dentistry, neurology, psychiatry, and nursing.

Past Fellows have gone on to become leaders in global health, such as 2017 Fellow Dr. Sikhulile Moyo. His training experience prepared him with skills in next-generation sequencing and bioinformatics, enabling him to pivot to COVID-19 when it struck Botswana. In his role as laboratory director of the Botswana-Harvard AIDS Institute Partnership, he discovered a pattern of mutations among SARS-CoV-2 samples which was soon recognized by WHO as the omicron variant, which quickly became the predominant variant around the world. Dr. Moyo continues to pay it forward by serving as a mentor on other Fogarty grants.

Dr. Emily Mendenhall, a trainee in the program in 2011-2012, worked with researchers in India to develop two new research tools for an ethnographic study related to diabetes, depression, and social inequality in urban India. Through this training, she developed skills in designing instruments, training researchers, and analyzing data, which she has since brought back to her associate professor position at Georgetown University. She has subsequently been awarded a Fogarty grant to examine synergies between diabetes, depression, and social inequalities in South Africa within a framework of implementation science.

Interventions for Stigma Reduction to Improve HIV/AIDS Prevention, Treatment and Care in LMICs

Fogarty initiated a new program, Reducing Stigma to Improve HIV/AIDS Prevention, Treatment and Care in LMICs, in 2017 to stimulate research to develop interventions that aim to reduce HIV-related stigma, its impact on the prevention and treatment of HIV, and to improve the quality of life of people living with HIV. Given similarities among stigma-related issues across global contexts, the research and research capacity building portfolio initiated by this program can offer valuable lessons to the stigma research community in the United States. Recent funding increases enabled Fogarty to renew and expand the program in 2021. Since then, the initiative has supported 41 investigators from both LMIC and U.S. institutions working in over 18 different countries to develop or pilot test HIV-related stigma reduction interventions.

For example, a research team in Botswana developed a culturally tailored intervention that empowers pregnant women to overcome the negative effects of self-stigma by introducing the “Mothers Moving towards Empowerment” intervention, which promotes antiretroviral therapy (ART) adherence in the postpartum period via small group sessions with other women with similar estimated due dates. Lessons learned from this study can be applied to educating women, both pregnant and non-pregnant, from diverse cultural backgrounds living with HIV in the United States, as the outcomes of interest remain the same.

Another study in Tanzania developed and tested an intervention which aims to improve prevention of mother-to-child transmission (PMTCT) by reducing internalized and anticipated HIV stigma during antenatal care through video-assisted counseling group sessions. The intervention is unique in that it incorporates male partners into the counseling sessions as well. This provides a model that can be adapted to a variety of settings for multiple stigma-related issues across health areas and contexts.

International Collaborative Research:

Fogarty-supported research collaborations between U.S. and LMIC scientists make U.S. academic institutions more globally competitive and enable U.S. scientists to lead and participate in international research teams that address key global health priorities. These partnerships lead to more robust solutions to global health problems, as the respective strengths and expertise of local and U.S. scientists are brought to bear on complex challenges. Whether the focus is international collaborative research on disorders and diseases of the brain and nervous system or the prediction and containment of emerging infectious diseases, discoveries and evidence generated by these projects have implications for U.S. populations. This program area includes extramural research programs addressing a broad range of health topics, including brain disorders, ecology and evolution of infectious diseases, HIV and non-communicable diseases (NCDs), environmental and occupational health, mobile health, data science in Africa, implementation science, and HIV/AIDS-related stigma.

Budget Policy:

The FY 2024 President’s Budget request is \$12.8 million, a decrease of \$0.3 million or 2.0 percent from the FY 2023 Enacted level.



Photo by Hugue-Robert Marsan for Fogarty/NIH

Research Management and Support (RMS): This program area includes several units within Fogarty.

The **Office of Administrative Management and International Services (OAMIS)** provides administrative, budgetary, logistical, and scientific support to review, award, and monitor research grants, training awards, and contracts. OAMIS also ensures regulatory compliance, supports all NIH international travel by issuing and tracking official government passports and international visas, reviews and approves Notice of Foreign Travel requests, and then creates and coordinates official travel cables to U.S. Embassies.

The **Division of International Epidemiology and Population Studies (DIEPS)** is an in-house research program focusing on computational modeling of infectious disease epidemiology, genomic evolution of viral and bacterial pathogens, household air pollution, effects of climate change on human health, and studies on childhood disease in Northern Pakistan. DIEPS also supports capacity building in LMICs through workshops and collaborations in computational modeling, genomics, and biosafety.

The **Division of International Science Policy, Planning and Evaluation (DISPPE)** leads strategic planning and evaluation of Fogarty's programs, coordination of international science policy, and legislative affairs. DISPPE manages Fogarty's Center for Global Health Studies, a platform for international scientific dialogue and collaboration in global health research at the NIH.

The **Division of International Relations (DIR)** develops new partnerships between U.S. scientists, institutions, and counterparts abroad to advance research and training in the biomedical and behavioral sciences. The division works on behalf of Fogarty and the whole of NIH to identify opportunities for collaboration with foreign science funding agencies, the Department of State, U.S. technical agencies, and international organizations. DIR advises NIH on bilateral arrangements with foreign governments and non-governmental organizations and establishes and manages multi-lateral international arrangements that govern NIH-wide projects and programs.

Budget Policy:

The FY 2024 President's Budget request is \$23.7 million, an increase of \$1.4 million or 6.4 percent from the FY 2023 Enacted level.

APPROPRIATIONS HISTORY

NATIONAL INSTITUTES OF HEALTH
Fogarty International Center

Appropriations History

Fiscal Year	Budget Estimate to Congress	House Allowance	Senate Allowance	Appropriation
2015	\$67,776,000	-	-	\$67,786,000
Rescission	-	-	-	\$0
2016	\$69,505,000	\$68,627,000	\$70,944,000	\$70,447,000
Rescission	-	-	-	\$0
2017 ¹	\$70,117,000	\$72,141,000	\$73,026,000	\$72,213,000
Rescission	-	-	-	\$0
2018	-	\$73,353,000	\$74,380,000	\$75,733,000
Rescission	-	-	-	\$0
2019	\$70,084,000	\$76,637,000	\$78,150,000	\$78,109,000
Rescission	-	-	-	\$0
2020	\$67,235,000	\$84,926,000	\$82,338,000	\$80,760,000
Rescission	-	-	-	\$0
2021	\$73,531,000	\$86,455,000	\$83,460,000	\$84,044,000
Rescission	-	-	-	\$0
2022	\$96,322,000	\$96,842,000	\$96,268,000	\$86,880,000
Rescission	-	-	-	\$0
2023	\$95,801,000	\$99,622,000	\$89,574,000	\$95,162,000
Rescission	-	-	-	\$0
2024	\$95,130,000			

¹ Budget Estimate to Congress includes mandatory financing.

**NATIONAL INSTITUTES OF HEALTH
Fogarty International Center**

Authorizing Legislation

	PHS Act/ Other Citation	U.S. Code Citation	2023 Amount Authorized	FY 2023 Enacted	2024 Amount Authorized	FY 2024 President's Budget
Research and Investigation	Section 301	42§241	Indefinite	\$95,130,000	Indefinite	\$95,130,000
Fogarty International Center	Section 401(a)	42§281	Indefinite		Indefinite	
Total, Budget Authority				\$95,130,000		\$95,130,000

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AMOUNTS AVAILABLE FOR OBLIGATION

Amounts Available for Obligation¹
(Dollars in Thousands)

Source of Funding	FY 2022 Final	FY 2023 Enacted	FY 2024 President's Budget
Appropriation	\$86,880	\$95,162	\$95,130
OAR HIV/AIDS Transfers	-\$31	-\$32	\$0
Subtotal, adjusted budget authority	\$86,849	\$95,130	\$95,130
Unobligated balance, start of year	\$0	\$0	\$0
Unobligated balance, end of year (carryover)	\$0	\$0	\$0
Subtotal, adjusted budget authority	\$86,849	\$95,130	\$95,130
Unobligated balance lapsing	-\$6	\$0	\$0
Total obligations	\$86,843	\$95,130	\$95,130

1. Excludes the following amounts (in thousands) for reimbursable activities carried out by this account:
 FY 2022 - \$10,962 FY 2023 - \$13,000 FY 2024 - \$13,000

BUDGET AUTHORITY BY OBJECT CLASS

**NATIONAL INSTITUTES OF HEALTH
Fogarty International Center**

**Budget Authority by Object Class¹
(Dollars in Thousands)**

	FY 2023 Enacted	FY 2024 President's Budget	FY 2024 +/- FY 2023
Total compensable workyears:			
Full-time equivalent	61	61	0
Full-time equivalent of overtime and holiday hours	0	0	0
Average ES salary	\$0	\$0	\$0
Average GM/GS grade	13.0	13.0	0.0
Average GM/GS salary	\$140	\$148	\$8
Average salary, Commissioned Corps (42 U.S.C. 207)	\$0	\$0	\$0
Average salary of ungraded positions	\$0	\$0	\$0
OBJECT CLASSES	FY 2023 Enacted	FY 2024 President's Budget	FY 2024 +/- FY 2023
Personnel Compensation			
11.1 Full-Time Permanent	\$7,013	\$7,395	\$383
11.3 Other Than Full-Time Permanent	\$833	\$879	\$45
11.5 Other Personnel Compensation	\$238	\$251	\$13
11.7 Military Personnel	\$0	\$0	\$0
11.8 Special Personnel Services Payments	\$0	\$0	\$0
11.9 Subtotal Personnel Compensation	\$8,084	\$8,525	\$441
12.1 Civilian Personnel Benefits	\$2,917	\$3,063	\$146
12.2 Military Personnel Benefits	\$0	\$0	\$0
13.0 Benefits to Former Personnel	\$0	\$0	\$0
Subtotal Pay Costs	\$11,001	\$11,588	\$587
21.0 Travel & Transportation of Persons	\$93	\$96	\$2
22.0 Transportation of Things	\$0	\$0	\$0
23.1 Rental Payments to GSA	\$0	\$0	\$0
23.2 Rental Payments to Others	\$0	\$0	\$0
23.3 Communications, Utilities & Misc. Charges	\$14	\$14	\$0
24.0 Printing & Reproduction	\$0	\$0	\$0
25.1 Consulting Services	\$825	\$840	\$15
25.2 Other Services	\$5,544	\$6,286	\$742
25.3 Purchase of Goods and Services from Government Accounts	\$8,991	\$9,112	\$121
25.4 Operation & Maintenance of Facilities	\$41	\$42	\$1
25.5 R&D Contracts	\$238	\$267	\$29
25.6 Medical Care	\$0	\$0	\$0
25.7 Operation & Maintenance of Equipment	\$86	\$88	\$2
25.8 Subsistence & Support of Persons	\$0	\$0	\$0
25.0 Subtotal Other Contractual Services	\$15,725	\$16,635	\$910
26.0 Supplies & Materials	\$52	\$53	\$1
31.0 Equipment	\$229	\$234	\$5
32.0 Land and Structures	\$0	\$0	\$0
33.0 Investments & Loans	\$0	\$0	\$0
41.0 Grants, Subsidies & Contributions	\$68,016	\$66,509	-\$1,507
42.0 Insurance Claims & Indemnities	\$0	\$0	\$0
43.0 Interest & Dividends	\$0	\$0	\$0
44.0 Refunds	\$0	\$0	\$0
Subtotal Non-Pay Costs	\$84,129	\$83,542	-\$587
Total Budget Authority by Object Class	\$95,130	\$95,130	\$0

¹ Includes FTEs whose payroll obligations are supported by the NIH Common Fund

SALARIES AND EXPENSES

**NATIONAL INSTITUTES OF HEALTH
Fogarty International Center**

**Salaries and Expenses
(Dollars in Thousands)**

Object Classes	FY 2023 Enacted	FY 2024 President's Budget	FY 2024 +/- FY 2023
<u>Personnel Compensation</u>			
Full-Time Permanent (11.1)	\$7,013	\$7,395	\$383
Other Than Full-Time Permanent (11.3)	\$833	\$879	\$45
Other Personnel Compensation (11.5)	\$238	\$251	\$13
Military Personnel (11.7)	\$0	\$0	\$0
Special Personnel Services Payments (11.8)	\$0	\$0	\$0
Subtotal, Personnel Compensation (11.9)	\$8,084	\$8,525	\$441
Civilian Personnel Benefits (12.1)	\$2,917	\$3,063	\$146
Military Personnel Benefits (12.2)	\$0	\$0	\$0
Benefits to Former Personnel (13.0)	\$0	\$0	\$0
Subtotal Pay Costs	\$11,001	\$11,588	\$587
Travel & Transportation of Persons (21.0)	\$93	\$96	\$2
Transportation of Things (22.0)	\$0	\$0	\$0
Rental Payments to Others (23.2)	\$0	\$0	\$0
Communications, Utilities & Misc. Charges (23.3)	\$14	\$14	\$0
Printing & Reproduction (24.0)	\$0	\$0	\$0
<u>Other Contractual Services</u>	-	-	-
Consultant Services (25.1)	\$825	\$840	\$15
Other Services (25.2)	\$5,544	\$6,286	\$742
Purchase of Goods and Services from Government Accounts (25.3)	\$5,622	\$5,720	\$98
Operation & Maintenance of Facilities (25.4)	\$41	\$42	\$1
Operation & Maintenance of Equipment (25.7)	\$86	\$88	\$2
Subsistence & Support of Persons (25.8)	\$0	\$0	\$0
Subtotal Other Contractual Services	\$12,118	\$12,976	\$858
Supplies & Materials (26.0)	\$52	\$53	\$1
Subtotal Non-Pay Costs	\$12,278	\$13,140	\$861
Total Administrative Costs	\$23,279	\$24,728	\$1,448

DETAIL OF FULL-TIME EQUIVALENT EMPLOYMENT (FTE)

**NATIONAL INSTITUTES OF HEALTH
Fogarty International Center**

Detail of Full-Time Equivalent Employment (FTE)

Office	FY 2022 Final			FY 2023 Enacted			FY 2024 President's Budget		
	Civilian	Military	Total	Civilian	Military	Total	Civilian	Military	Total
Office of the Director									
Direct:	13	-	13	13	-	13	13	-	13
Total:	13	-	13	13	-	13	13	-	13
Office of Administrative Management									
Direct:	16	-	16	17	-	17	17	-	17
Total:	16	-	16	17	-	17	17	-	17
Division of International Relations									
Direct:	7	-	7	7	-	7	7	-	7
Total:	7	-	7	7	-	7	7	-	7
Division of International Training and Research									
Direct:	11	-	11	12	-	12	12	-	12
Total:	11	-	11	12	-	12	12	-	12
Division of International Science Policy, Planning and Evaluation									
Direct:	7	-	7	8	-	8	8	-	8
Total:	7	-	7	8	-	8	8	-	8
Division of International Epidemiology and Population Studies									
Direct:	3	-	3	4	-	4	4	-	4
Total:	3	-	3	4	-	4	4	-	4
Common Fund									
Reimbursable:	-	-	-	-	-	-	-	-	-
Total:	-	-	-	-	-	-	-	-	-
Total	57	-	57	61	-	61	61	-	61
Includes FTEs whose payroll obligations are supported by the NIH Common Fund.									
FTEs supported by funds from Cooperative Research and Development Agreements.	0	0	0	0	0	0	0	0	0
FISCAL YEAR	Average GS Grade								
2020	13.0								
2021	13.0								
2022	13.0								
2023	13.0								
2024	13.0								

NATIONAL INSTITUTES OF HEALTH
Fogarty International Center

Detail of Positions¹

GRADE	FY 2022 Final	FY 2023 Enacted	FY 2024 President's Budget
Total, ES Positions	0	0	0
Total, ES Salary	\$0	\$0	\$0
General Schedule			
GM/GS-15	8	8	8
GM/GS-14	18	20	20
GM/GS-13	12	13	13
GS-12	5	6	6
GS-11	4	4	4
GS-10	0	0	0
GS-9	2	2	2
GS-8	1	1	1
GS-7	1	1	1
GS-6	0	0	0
GS-5	0	0	0
GS-4	0	0	0
GS-3	1	1	1
GS-2	0	0	0
GS-1	0	0	0
Subtotal	52	56	56
Commissioned Corps (42 U.S.C. 207)			
Assistant Surgeon General	0	0	0
Director Grade	0	0	0
Senior Grade	0	0	0
Full Grade	0	0	0
Senior Assistant Grade	0	0	0
Assistant Grade	0	0	0
Subtotal	0	0	0
Ungraded	11	11	11
-	-	-	-
Total permanent positions	52	56	56
-	-	-	-
Total positions, end of year	63	67	67
-	-	-	-
Total full-time equivalent (FTE) employment, end of year	57	61	61
Average ES salary	\$0	\$0	\$0
Average GM/GS grade	13.0	13.0	13.0
Average GM/GS salary	\$134,928	\$139,995	\$147,589

¹ Includes FTEs whose payroll obligations are supported by the NIH Common Fund