

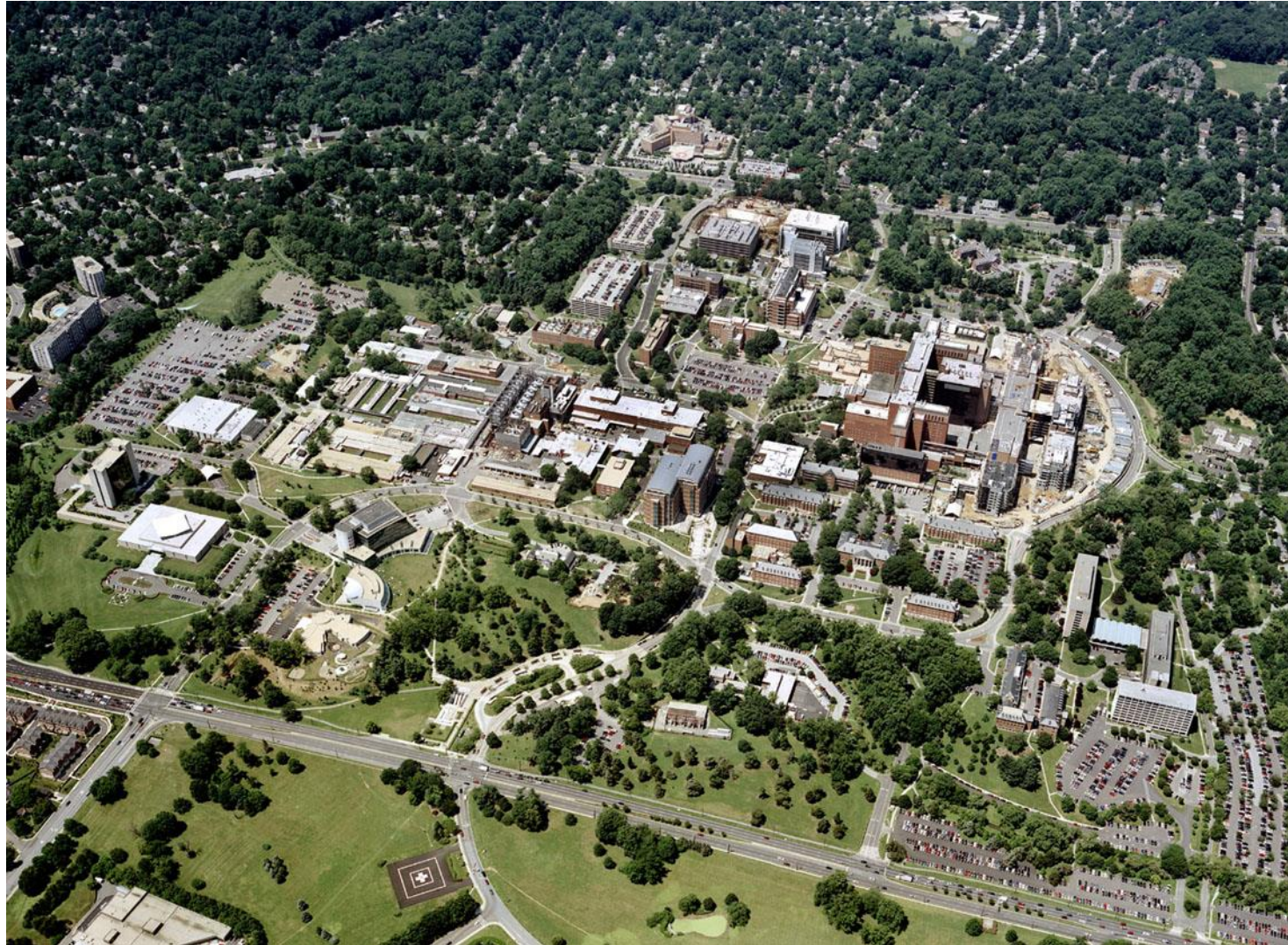
Introduction to Grant Proposal Writing: Opening Remarks

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National Institute of Allergy and Infectious Diseases
US National Institutes of Health
May 10, 2023

Operating Divisions of HHS

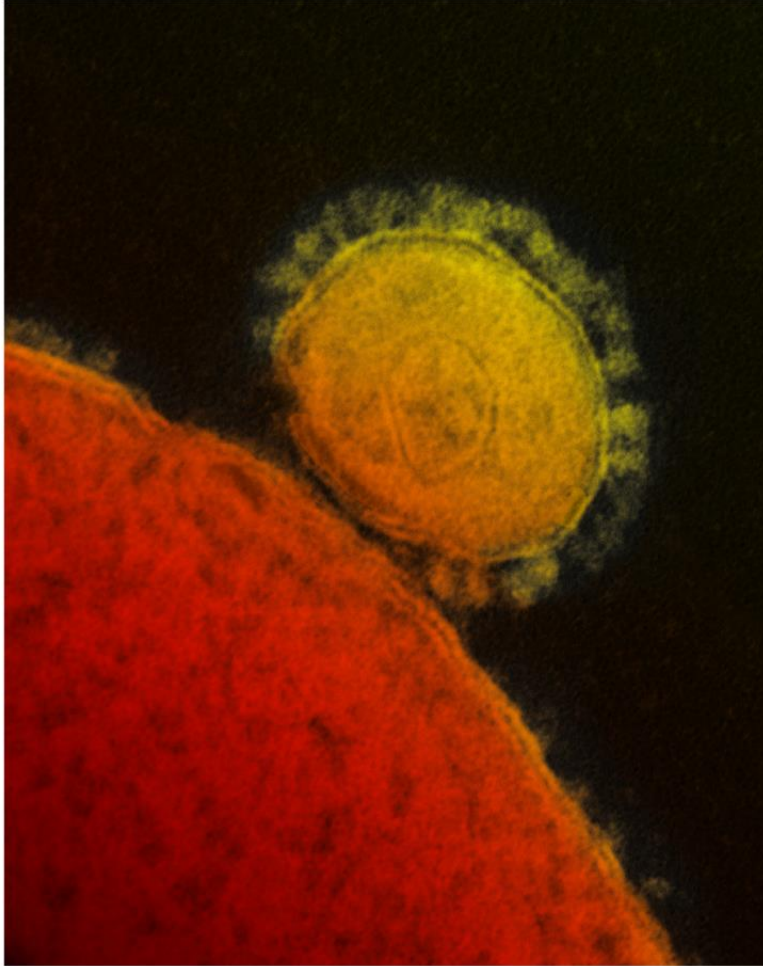


NIH Bethesda Campus: 75 Buildings on 322 acres



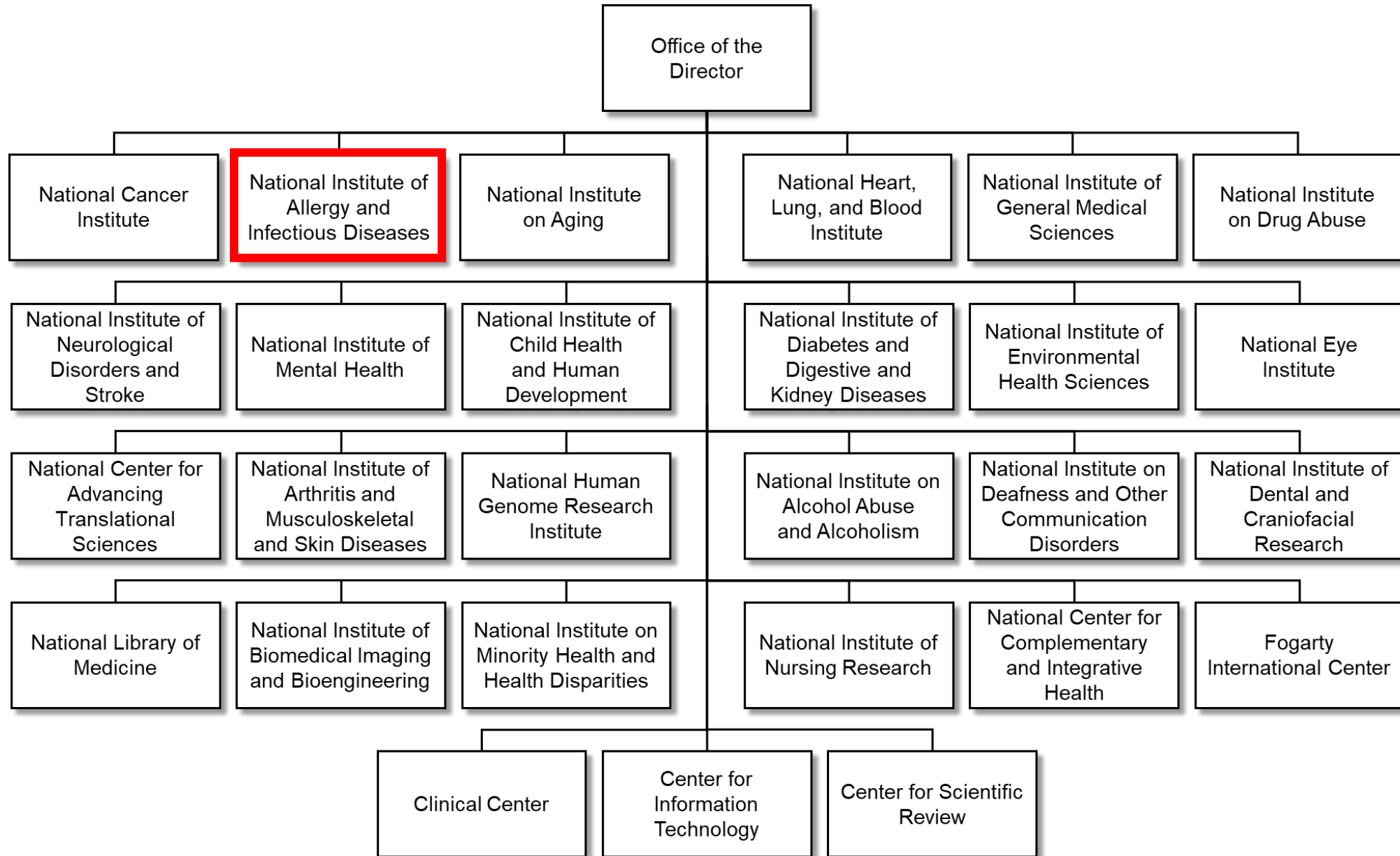
2003

National Institutes of Health



NIH Mission:
Science in Pursuit of Knowledge to Improve Health

National Institutes of Health



National Institutes of Health

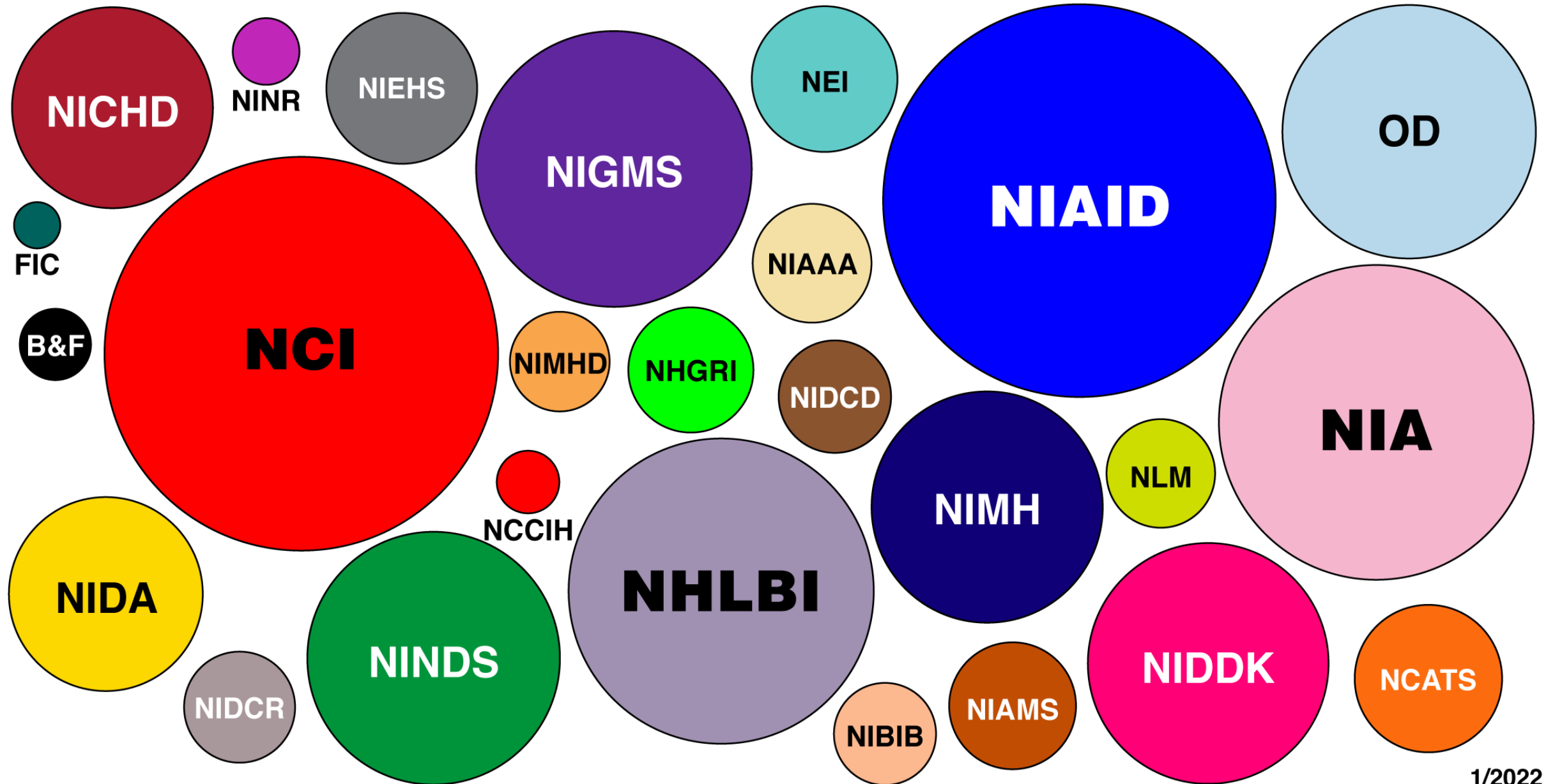
Budget Comparison by Institute/Center

(Dollars in Thousands)

IC	FY 2022 Enacted	FY 2023 Enacted	Percent Change
NCI	\$ 6,912,522	\$ 7,320,159	5.9%
NIAID	6,322,728	6,562,279	3.8%
NHLBI	3,808,494	3,982,345	4.6%
NHGRI	639,062	663,200	3.8%
NCATS	882,265	923,323	4.7%
NIGMS	3,092,373	3,239,679	4.8%
NIA	4,219,936	4,407,623	4.4%
NIDA	1,595,474	1,662,695	4.2%
Other ICs	14,681,016	15,497,668	5.6%
Subtotal	\$ 42,153,870	\$ 44,258,971	5.0%
ARPA-H	—	—	
OD	2,779,120	3,074,514	10.6%
B&F	250,000	350,000	40.0%
Pandemic Preparedness	—	—	
NIH Program Level*	\$ 45,182,990	\$ 47,683,485	5.5%

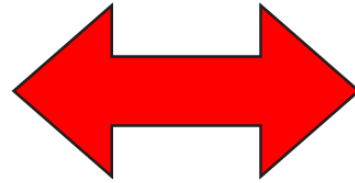
*Includes Type I Diabetes and Non-HHS/Labor Appropriation (Superfund). Excludes OAR transfers.

National Institutes of Health



NIAID Research: A Dual Mandate

Maintain and “grow” a robust basic and applied research portfolio in microbiology, infectious diseases, immunology and immune-mediated diseases

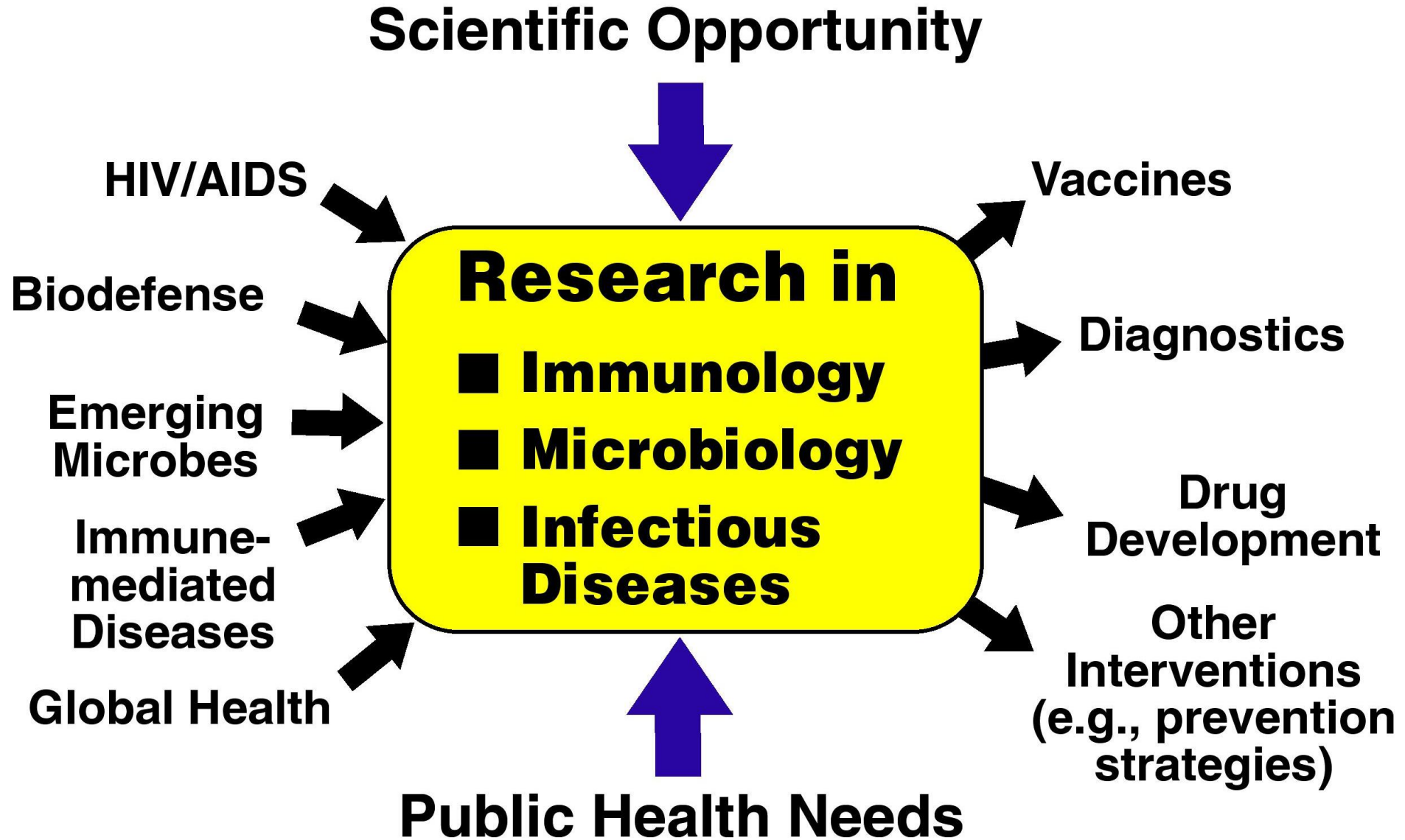


Respond rapidly to emerging and re-emerging disease threats

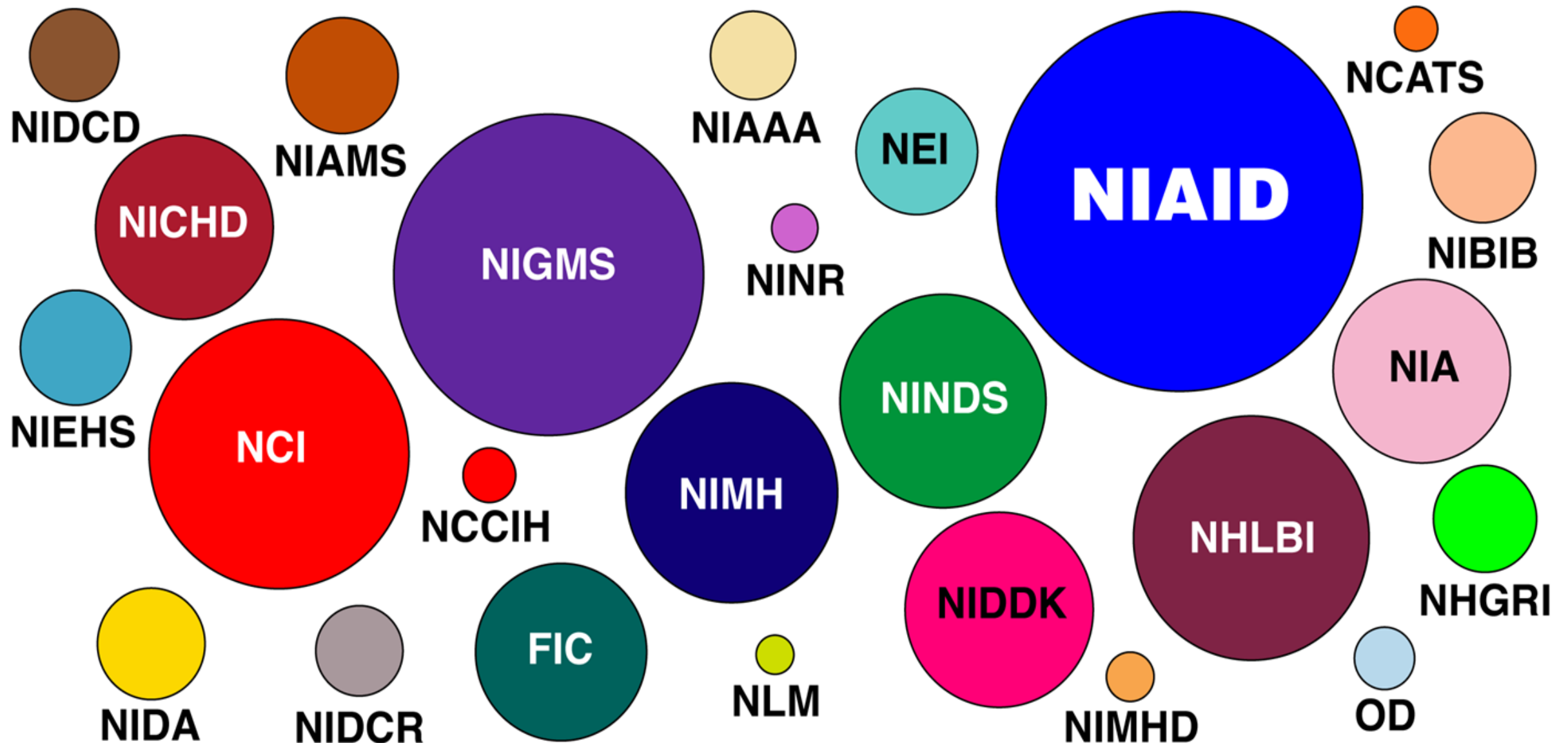


New/Improved Interventions

National Institute of Allergy and Infectious Diseases



Number of NIH Grants with International Components, FY 2021



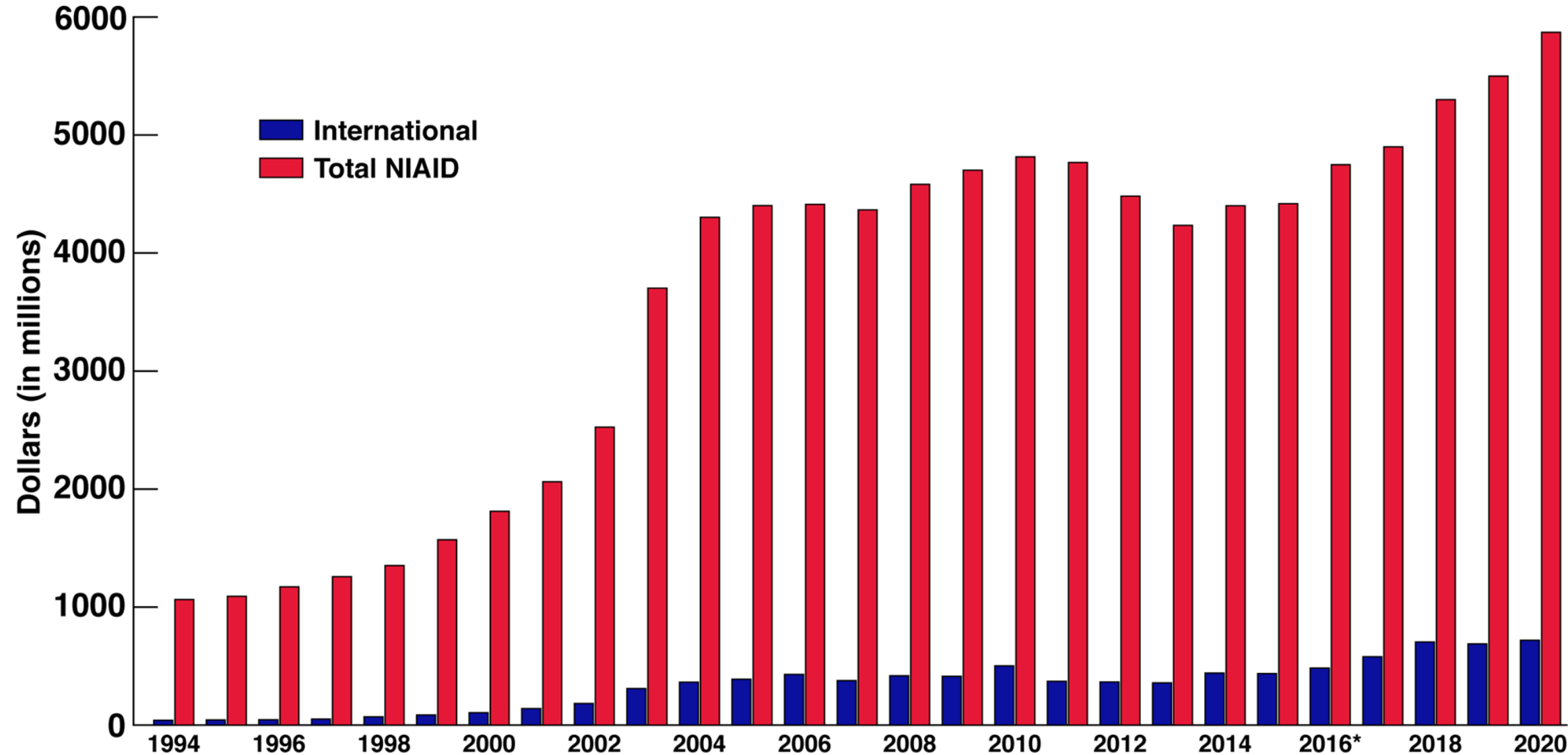
Types of International Research (NIH)

- Direct foreign awards
- Domestic awards with foreign components

Fiscal Year	Direct Foreign Awards	Domestic Awards with Foreign Components
2020	586	8348
2021	574	9406
2022	541	9481



NIAID Support for International Research



*\$4.749B total NIAID budget in 2016 includes \$34.2M that was transferred from other NIH ICs to fund Zika response

Principles and Strategies for NIAID International Scientific Engagement

Principles:

- **Highest scientific quality**
- **Highest ethical standards**
- **Shared interest and local relevance**
- **Mutual benefit in partnership**

Strategies:

- **Local leadership and community support**
- **Human and lab capacity investment**
- **Sustained commitment**
- **Work with other funding organizations**

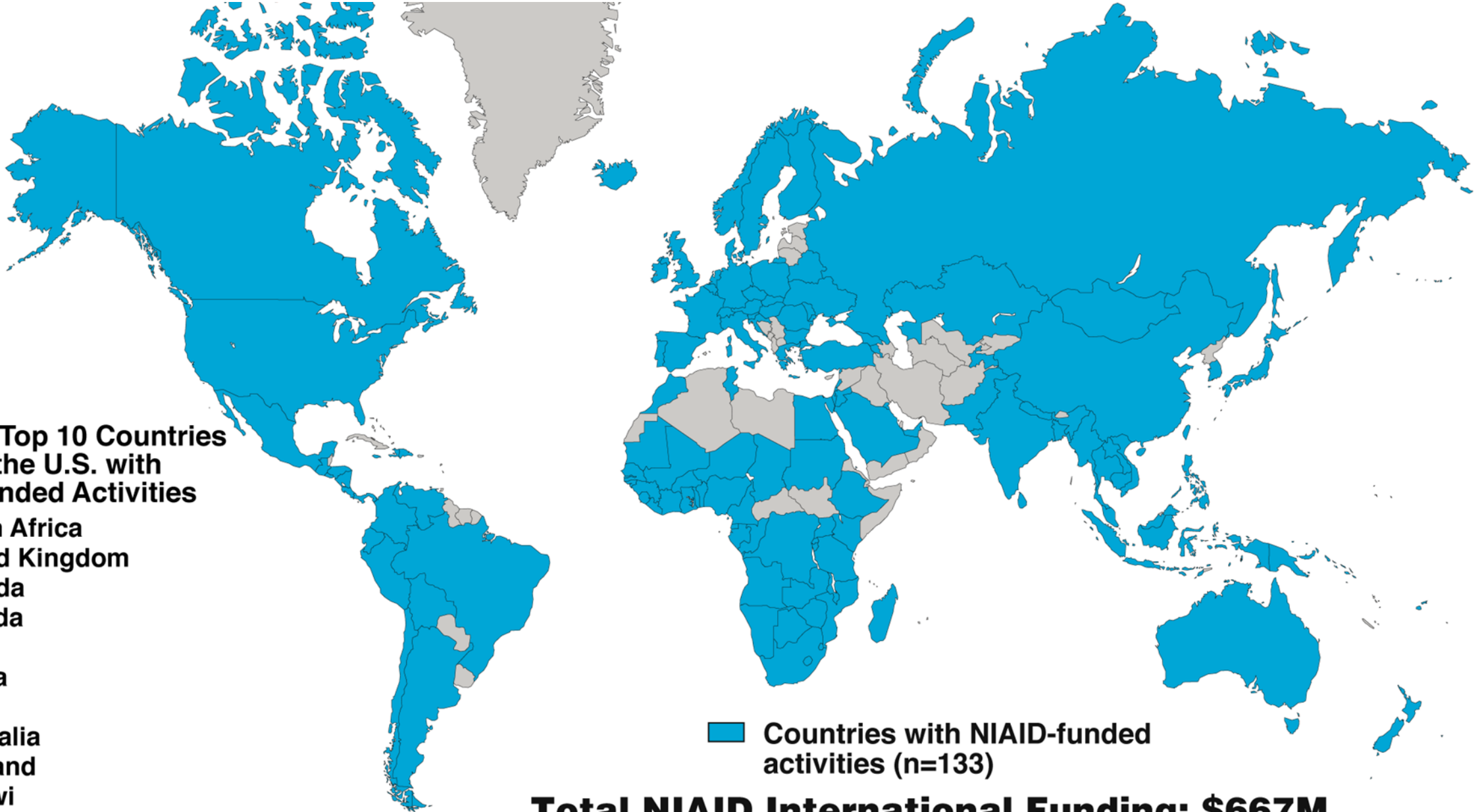
NIAID Global Health Research, FY 2022

FY 2022 Top 10 Countries outside the U.S. with NIAID-funded Activities

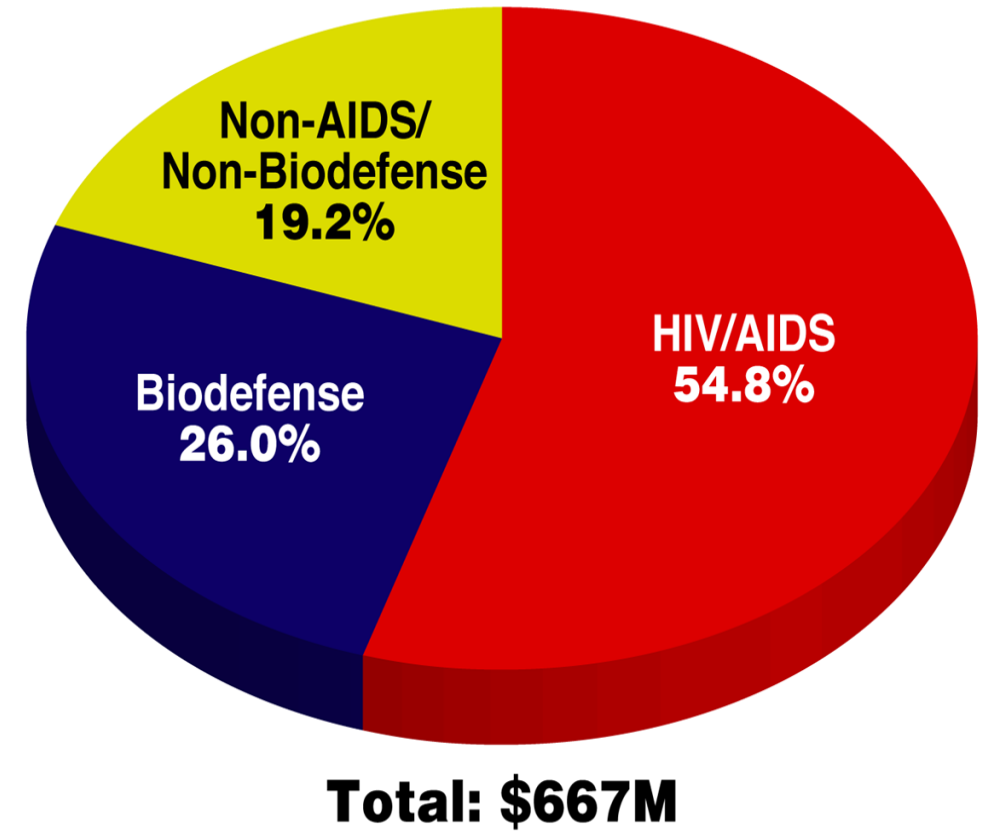
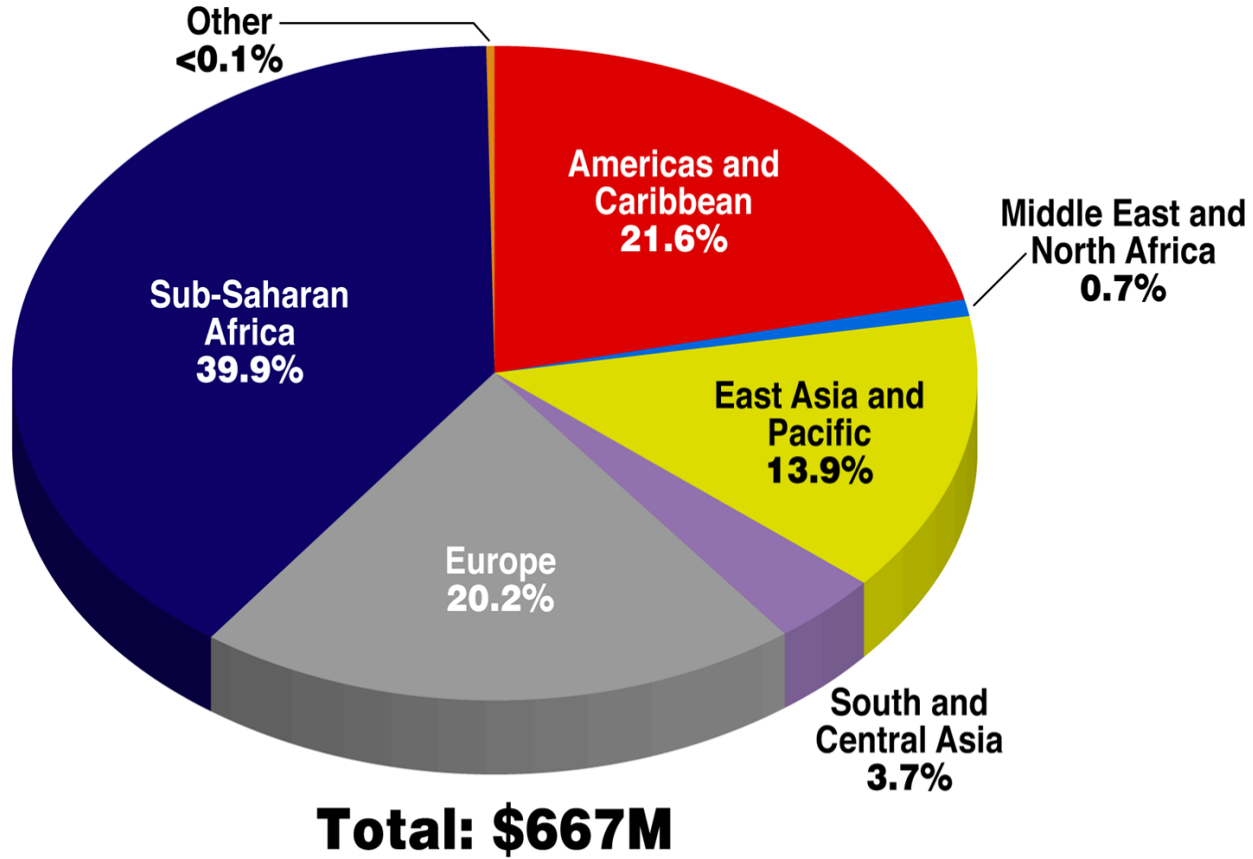
- South Africa
- United Kingdom
- Uganda
- Canada
- Brazil
- Kenya
- Peru
- Australia
- Thailand
- Malawi

■ Countries with NIAID-funded
activities (n=133)

Total NIAID International Funding: \$667M



NIAID International Funding by Region and Mission, FY22



Most NIH Institutes Support Extramural and Intramural Programs

- **Extramural Programs (approx. 90% of funding)**
 - **Fund research carried out by others**
 - **Consists of grants, cooperative agreements, contracts**
 - **Include research, training, and conferences**
 - **Review is prospective through scientific peer-review**
- **Intramural Programs (approx. 10% of funding)**
 - **Employee investigators carrying out independent research**
 - **Can conduct clinical studies at the NIH Clinical Center**
 - **Includes formal training programs**
 - **Review is retrospective through external peer-review**

Grant Writing

“There is no grantsmanship that will turn a bad idea into a good one, but there are many ways to disguise a good idea.”

- Norm Braverman, NIH