2019 Inter-CFAR Women and HIV Symposium

Tips and Resources for Early Career Investigators: A Panel with NIH Representatives

October 22, 2019

Nothing to Disclose

NIH Mission

Seeks fundamental knowledge about the nature and behavior of living systems and the application of that knowledge to enhance health, lengthen life, and reduce illness and disability.

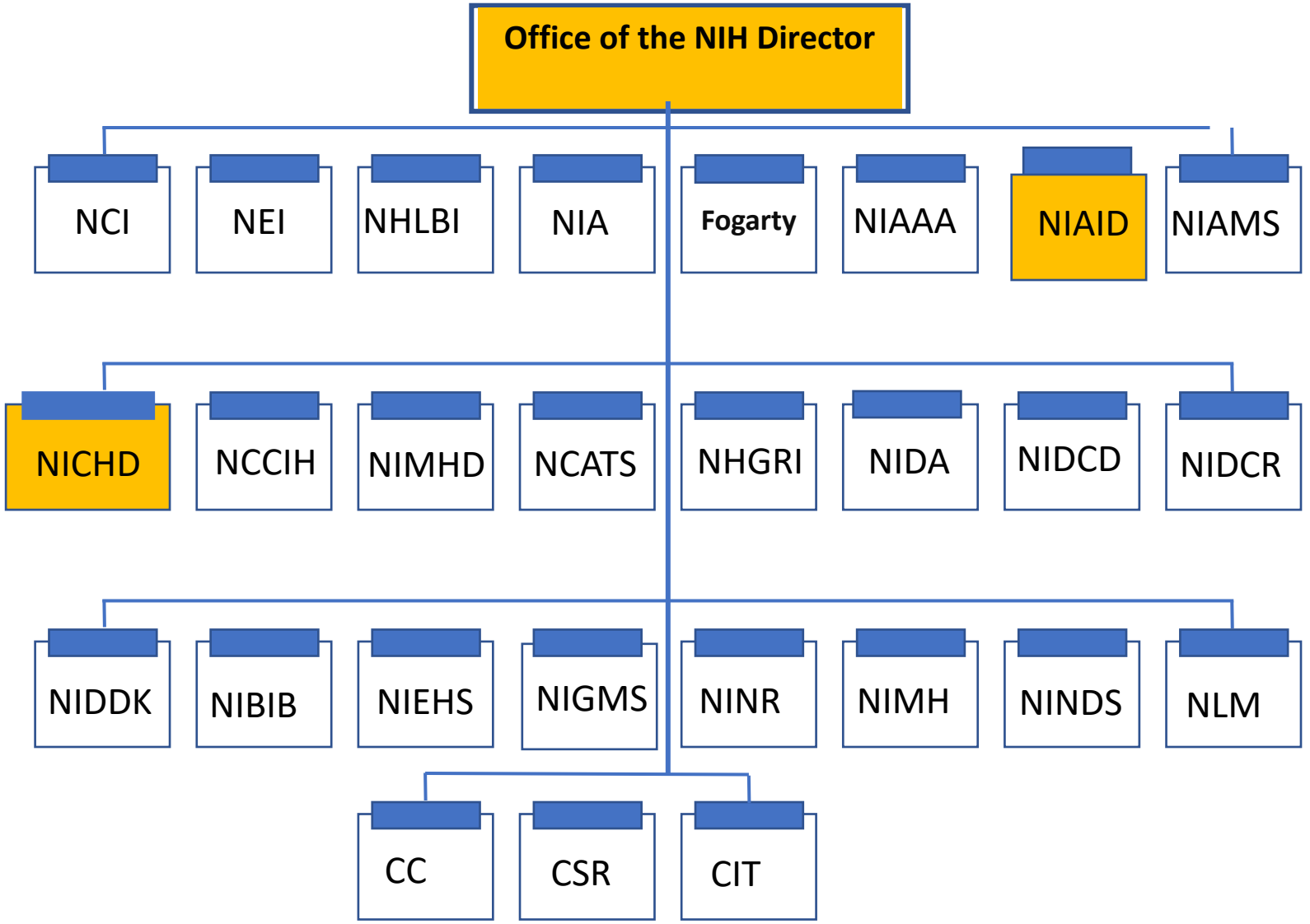
NIH . . . Turning Discovery Into Health®

NIH Pursues Its Mission by…

- Supporting extramural research (~80% of budget) for…
  - Research by non-Federal scientists at universities & other research institutions
    - Training research investigators
    - Communicating biomedical information
- Conducting research, intramural programs (~10% of budget)
  - Performed in NIH's own laboratories
- Research support and management (~10%)
- **NIH 2019 Budget $~39 billion**

NATIONAL INSTITUTES OF HEALTH

27 Institutes and Centers



NIH & Women's Health

NIH Office of Research on Women's Health (ORWH)

- Serves as **centralized, national and global leader** in forming partnerships across NIH to increase attention and address health research issues focused on women
- Crafts and implements the NIH Strategic Plan for Women's Health Research in partnership with NIH Institutes and Centers (ICs)
- Monitors adherence to NIH's inclusion policies, which ensure that women and minorities are represented in NIH-supported clinical research
- Supports interdisciplinary research and career development initiatives that stimulate research on sex and gender differences to launch promising women's health researchers

ORWH

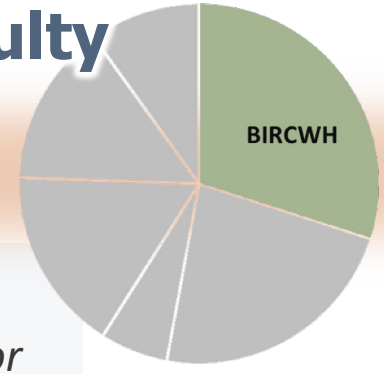
- Recent highlights
  - Addressing intimate partner violence – impact of women's health
  - Advocating for women in academic medicine
  - Bringing diversity to scientific panels

- Current funded programs
  - Building Interdisciplinary Research Careers in Women's Health (BIRCWH)
  - Specialized Centers of Research Excellence (SCORE)
  - U3 Interdisciplinary Research
  - Co-funding to NIH Global Research Programs: Tobacco Control Network Among Women (Brazil), Fogarty Global Scholars, Medical Education Partnership Initiative (MEPI)
  - Administrative Supplements for Research on Sex/Gender Differences

BIRCWH:
Expands the Quality and Number of Researchers who Focus on the Health of Women

- Congressionally designated program in 1999 - remains a priority area (21st Century Cures Act)
- One of ORWH's Signature Programs - focuses on career development of junior faculty - only trans-NIH Training/Career Development program that focuses broadly on the health of women
- Supports training/career development in interdisciplinary basic, translational, behavioral, clinical and/or health services research relevant to the health of women
- Where appropriate, the inclusion of both sexes (better understand the influence of sex as a variable in health and diseases)
- Mechanism: K12 (Institutional Career Development Award)
  - Clinical trials included: Scholars can lead research projects that fall under NIH definition of clinical trials

Building Interdisciplinary Research Careers in Women's Health
Program uses K12 mechanism & focuses on junior faculty



Spotlight on BIRCWH

	PIs	Scholars	
Tufts Medical Center	Photo: Tufts Med. Ctr.		Karen M. Freund, M.D., M.P.H. Jennifer DuPont, Ph.D. *Loss of vascular angiotensin II type 2 receptor contributes specifically to female vascular aging*
HARVARD MEDICAL SCHOOL			Jill M. Goldstein, Ph.D. Simmie L. Foster, M.D., Ph.D. *Regulation of inflammatory cytokines by pre-exposure to elevated temperatures*
UNC SCHOOL OF MEDICINE			Kim A. Boggess, M.D. Matthew C. Mauck, M.D., Ph.D. *Sex differences in chronic pain development following major thermal burn injury*
UCDAVIS			Ellen B. Gold, Ph.D., M.A. Laura M. Tully, Ph.D. *Neural mechanisms underlying ↑ psychotic & mood symptoms in females with schizophrenia*

Watch the videocast: https://videocast.nih.gov/Summary.asp?Live=28502&bhcp=1

20 BIRCWH Progs. supported by RFA-OD-15-001 & RFA-OD-16-013:

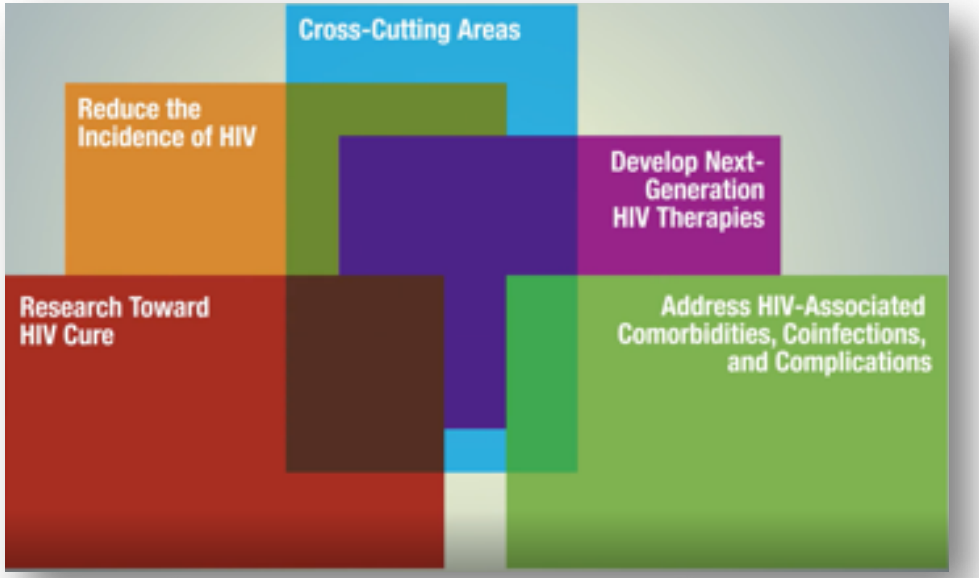
- ORWH
- NICHD
- NCI
- NIA
- NIAAA
- NIAID
- NIAMS
- NIDA
- NIDCR
- NIEHS

Reissued for FY20, RFA-OD-19-020 (HIV/AIDS apps: **RFA-HD-20-013**)

OAR Role in NIH HIV/AIDS Research

- Coordinates the largest public investment in HIV/AIDS research globally.
- Establishes scientific priorities.
- Allocates research funds in line with scientific priorities to nearly every NIH IC.
- Manages HIV/AIDS research across the NIH: scientific, budgetary, legislative, and policy components.

NIH Priorities for HIV and HIV-Related Research



Reduce Incidence

- Vaccines
- PrEP, U=U
- Microbicides & MPTs
- HIV Testing
- Treatment as Prevention
- Monoclonal Antibodies

Research Toward A Cure

- ART-free Viral Remission
- Viral Eradication
- Viral Latency & Sanctuaries
- Cure Ethics & Acceptability

Cross-Cutting Areas

- Virology & Immunology
- Behavioral & Social Sciences
- Epidemiology
- Health Disparities
- Information Dissemination
- Implementation Science
- Infrastructure, Capacity Building

Next-Gen HIV Therapies

- Less Toxic, Longer Lasting ART
- Novel HIV Targets & Inhibitors
- Novel Immune-Based Therapies
- Adherence & Retention-Care

Comorbidities, Coinfections, & Complications

- Coinfections
- Neurologic Complications
- Malignancies
- Cardiovascular Complications
- Mental Illness/Substance Use
- Metabolic Disorders
- Across the Lifespan

Treat:

Implement programs to increase adherence to HIV medication, help people get back into HIV medical care and research innovative products that will make it easier for patients to access HIV medication.

Diagnose:

Implement routine testing during key healthcare encounters and increase access to and options for HIV testing.

HIV Health Force:

A boots-on-the-ground workforce of culturally competent and committed public health professionals that will carry out HIV elimination efforts in HIV hot spots.

Protect:

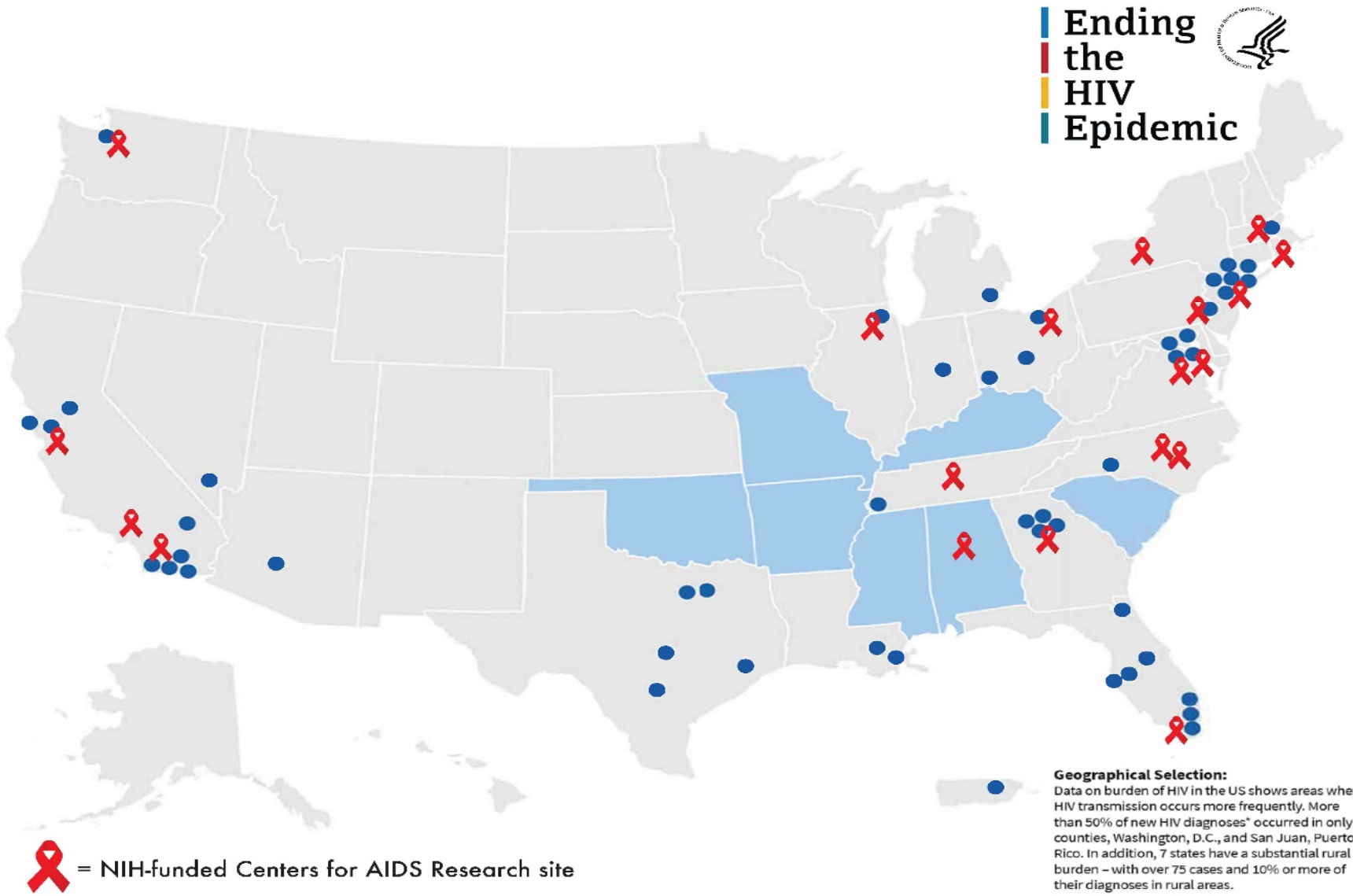
Implement extensive provider training, patient awareness and efforts to expand access to PrEP

Respond:

Ensure that states and communities have the technological and personnel
resources to investigate all related HIV cases to stop chains of transmission.

Ending the HIV Epidemic

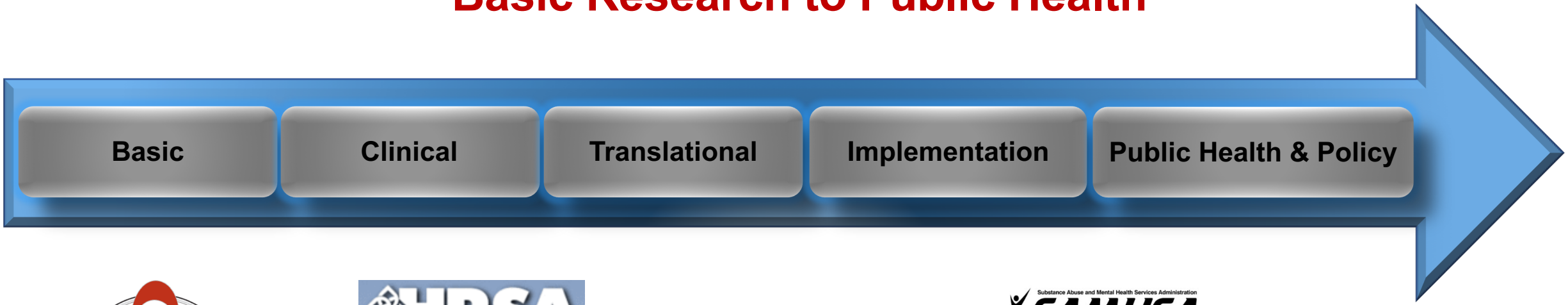
Ending the Epidemic: A Plan for America
Multidisciplinary Approach



The Initiative will focus resources in the 48 highest burden counties, Washington, D.C., San Juan, Puerto Rico, and 7 states with a substantial rural HIV burden.

A Collaborative National Response to the HIV Epidemic

Basic Research to Public Health



NIH *Eunice Kennedy Shriver* National Institute of Child Health and Human Development

Healthy pregnancies. Healthy children. Healthy and optimal lives.

Diana W. Bianchi, M.D., Director

Divisions, Centers & Offices

- Office of the NICHD Director (OD)
- Division of Extramural Research (DER)
- Division of Intramural Population Health Research (DIPHR)
- Division of Intramural Research (DIR)
- National Center for Medical Rehabilitation Research (NCMRR)

About NICHD

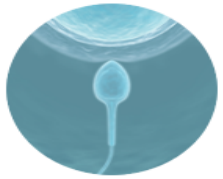
Extramural Scientific Branches

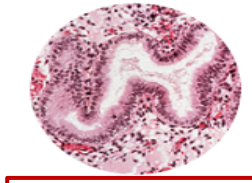
Select a branch to learn more about its research priorities and activities.

Child Development and Behavior Branch (CDBB)

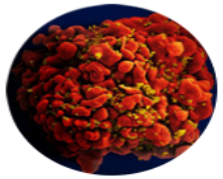
Contraception Research Branch (CRB)

Developmental Biology and Structural Variation Branch (DBSVB)

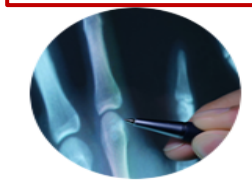

Fertility and Infertility Branch (FIB)


Gynecologic Health and Disease Branch (GHDB)

Intellectual and Developmental Disabilities Branch (IDDB)


Maternal and Pediatric Infectious Disease Branch (MPIDB)

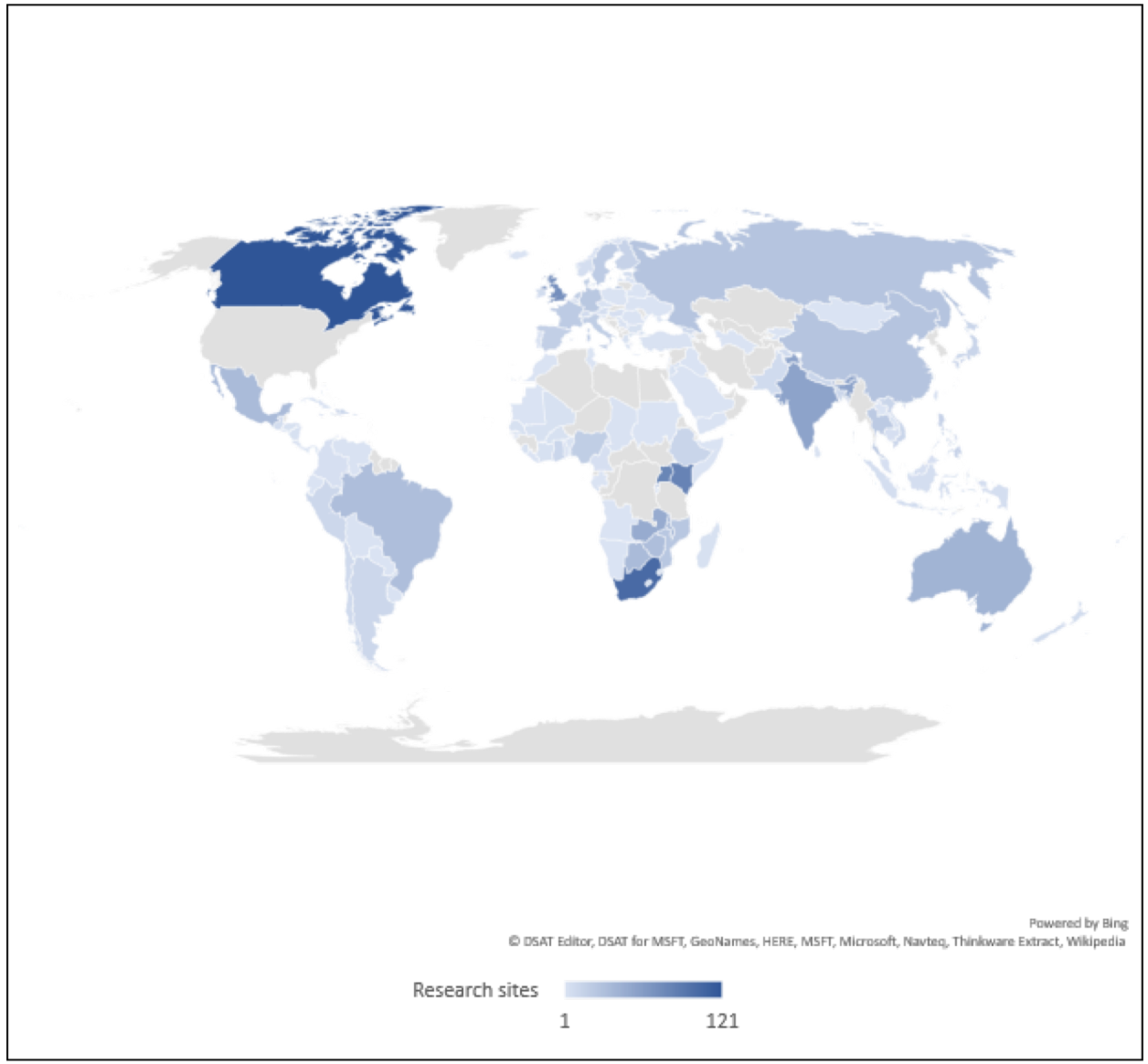
Obstetric and Pediatric Pharmacology and Therapeutics Branch (OPPTB)


Pediatric Growth and Nutrition Branch (PGNB)

Pediatric Trauma and Critical Illness Branch (PTCIB)

Population Dynamics Branch (PDB)

Pregnancy and Perinatology Branch (PPB)



NICHD Supported International Research Sites: 131 Countries in FY 2018

Source: NIH FACTS Data, FY 2018

NICHD Strategic Plan: Mission and Vision Statements

- **Mission**: NICHD leads research and training to understand human development, improve reproductive health, enhance the lives of children and adolescents, and optimize abilities for all.

- **Vision:** Healthy pregnancies. Healthy children. Healthy and optimal lives.

Available at: https://www.nichd.nih.gov/about/org/strategicplan

Cross-Cutting NIH HIV Research Programs

The branch also supports several collaborative programs and networks

NIH Office of AIDS Research | NIH NIAID | NIH National Institute on Drug Abuse | NIH NIMH | NIH NICHD

Critical Infrastructure

- Centers for AIDS Research (CFAR)
- AIDS Research Centers

Clinical Trials Networks

- Adolescent Medicine Trials Network for HIV/AIDS Interventions (ATN)
- Microbicide Trials Network (MTN)
- International Maternal, Pediatric, Adolescent AIDS Clinical Trials Network (IMPAACT)
- AIDS Clinical Trials Group
- HIV Prevention Trials Network
- HIV Vaccine Trials Network

Cohort Studies

- Pediatric HIV/AIDS Cohort Study (PHACS)
- Collaborating Consortium of Cohorts Producing NIDA Opportunities (C3PNO)
- Women's Interagency HIV Cohort Study (WIHS) - As of 2019 merged to become:
  - Multicenter AIDS Cohort Study (MACS)/Women's Interagency HIV Study (WIHS) Combined Cohort Study (M/W-CCS)

Interactive Google map to help researchers understand where in the United States each network and program is working

- Select the circle icon in each state to see non-overlapping and overlapping sites for selected networks and programs

NIH *Eunice Kennedy Shriver* National Institute of Child Health and Human Development

DASH Data and Specimen Hub

https://dash.nichd.nih.gov

Study Topics in DASH (*biospecimens available)

- Autism Spectrum Disorders
- Birth Defects
- Cerebral Palsy
- Children's Bone Health & Calcium
- Diabetes
- Driving Risk
- Early Learning
- High-Risk Pregnancy
- HIV/AIDS*
- Infant Care & Health
- Infant Mortality
- Infertility & Fertility
- Labor & Delivery
- Neuroscience
- Necrotizing Enterocolitis
- Obesity & Overweight
- Obstetrics
- Pediatric Injury
- Pelvic Floor Disorder
- Pharmacology
- Preconception & Prenatal Care
- Preeclampsia & Eclampsia
- Pregnancy*
- Pregnancy Loss
- Preterm Labor & Birth*
- Primary Ovarian Insufficiency
- Rehabilitation Medicine
- Sleep
- Spinal Cord Injury
- Stillbirth
- Stroke
- Sudden Infant Death Syndrome
- Traumatic Brain Injury
- Turner Syndrome
- Women's Health

- Centralized resource for researchers to store de-identified data and to access data and associated biospecimens from NICHD supported studies
- Can help investigators meet NIH's data sharing requirements for their own studies
- Data sharing launched in August 2015; biospecimen request launched in March 2019
- Governed by the NICHD DASH Committee
- Aims to accelerate scientific findings to ultimately improve human health

142 Studies | **35** Study Topics | **165** Data Requests | **16** Data Use Publications | **8** Studies Offering Biospecimens

Last updated 09/30/2019

Questions? Contact supportdash@mail.nih.gov

For NICHD studies not archived in DASH, visit: https://dash.nichd.nih.gov/Resource/LinksToOtherArchives

NIH *Eunice Kennedy Shriver* National Institute of Child Health and Human Development

DASH Data and Specimen Hub
https://dash.nichd.nih.gov

Study Topics with Biospecimens in DASH	
HIV/AIDS Pregnancy	Preterm Labor & Birth More to come!

Biospecimens Currently Available	
Amniotic Fluid	Saliva
Blood	Serum/ Plasma
Breast Milk	Tissue Samples
DNA/RNA/Proteins	Urine
Lymphocytes	Vaginal Fluid

New DASH Function:

Managing Requests for NICHD Biospecimens

- **Genomic and Proteomic Network for Preterm Birth Research (GPN)**
  Expression profiling, GWAS case control, and longitudinal cohort studies
- **NICHD International Site Development Initiative (NISDI)**
  4 studies of pregnant women with HIV, their infants with and exposed to HIV, and children with and exposed to HIV in Latin American Countries
- **Mothers and Infants Cohort Study (MICS)**
  Study of perinatal transmission of HIV and developmental outcomes of children with HIV

8 Studies Offering Biospecimens

Last Updated 09/30/2019

Questions? Contact supportdash@mail.nih.gov
For NICHD studies not archived in DASH, visit: https://dash.nichd.nih.gov/Resource/LinksToOtherArchives

Relevant Funding Opportunity Announcements (FOAs)

- Understanding the Early Development of the Immune System (R01 - Clinical Trial Not Allowed) (PAR-18-333)

  Scientific Contact: Denise Russo, Ph.D.
  Closing Date: December 6, 2019

- Zika Virus (ZIKV) Complications (R21 Clinical Trial Optional) (PA-18-048)

  Scientific Contact: Nahida Chakhtoura, M.D., M.S.G.H.
  Closing Date: January 8, 2020

- Promoting NICHD Areas of Research for HIV/AIDS in Maternal and Child Health (R01) (PA-17-262)

  Scientific Contact: Samantha C. Calabrese, M.P.H.
  Expiration Date: September 8, 2020

- Notice of NICHD Participation in "Planning Grant for Fogarty HIV Research Training Program for Low- and Middle-Income Country Institutions (D71 Clinical Trial Not Allowed)

  NICHD Scientific Contact: Denise Russo, Ph.D.

- Notice of NICHD Participation in "Fogarty HIV Research Training Program for Low-and Middle-Income Country Institutions (D43 Clinical Trial Optional)

  NICHD Scientific Contact: Denise Russo, Ph.D.

Additional Resources

PregSource: Crowdsourcing to Understand Pregnancy

- Research project that aims to help us learn from women like you about what it's like to be pregnant.
  - Learn More and help researchers and healthcare providers understand pregnancy and learn how women experience motherhood.
  - PregSource Sign Up!

PregSource™

Task Force on Research Specific to Pregnant and Lactating Women (PRGLAC)

- Established to advise the Secretary of Health and Human Services regarding gaps in knowledge and research on safe and effective therapies for pregnant and lactating women.
  - Additional Information about PRGLAC

Additional Resources

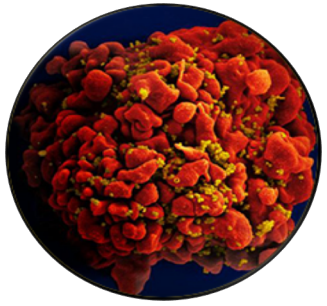
Fogarty-IeDEA Mentorship Program (FIMP) for D43 Trainees

- Fogarty and the International Epidemiology Databases to Evaluate AIDS (IeDEA) Collaboration will help current and former Fogarty D43 trainees.
  - Information, Participating Regions, Answers to Frequently Asked Questions
  - Application Portal
  - **Application Deadline**: November 4, 2019

IeDEA
International epidemiology Databases to Evaluate AIDS

MPIDB Newsletter Campaign

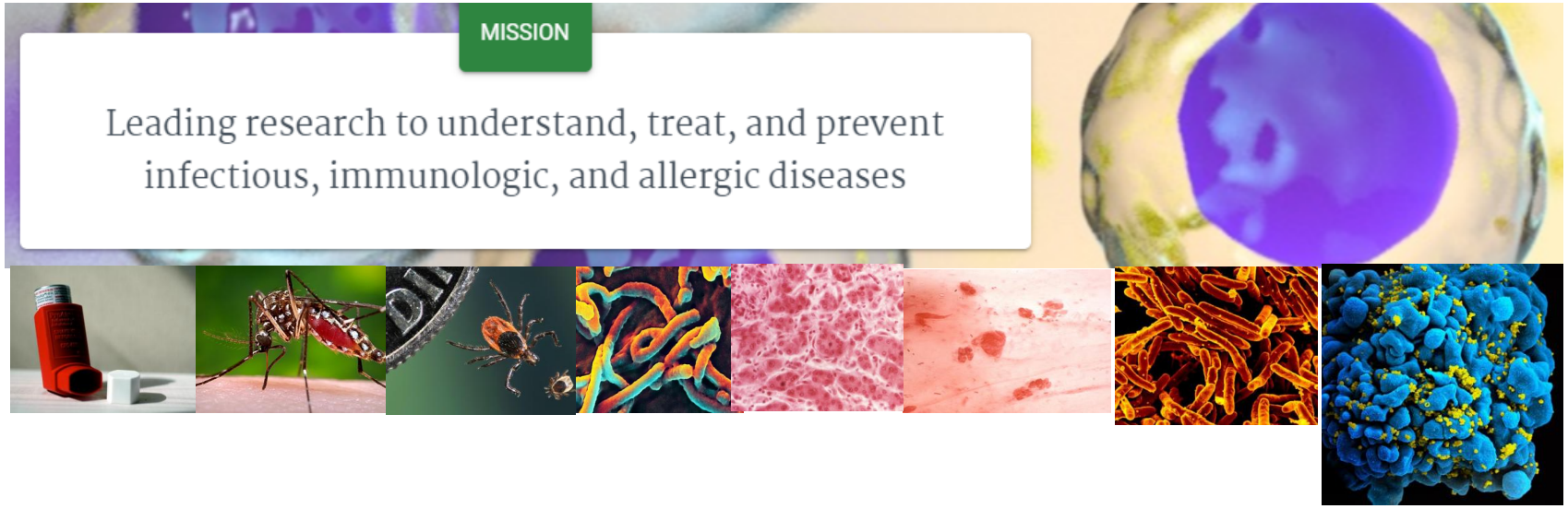
- Stay up to date with new Funding Opportunity Announcements (FOAs), scientific advances, and grantee highlights by subscribing to the MPIDB Newsletter!
  - Subscription Link! Help us reach 1,000 Subscribers!
  - Newsletter Campaign Archive



National Institute of Allergy and Infectious Diseases

Anthony S. Fauci, M.D.
Director

Carl Dieffenbach, Ph.D.
DAIDS Director



Organized by three extramural science divisions

- Division of AIDS (DAIDS)
- Division of Allergy, Immunology, and Transplantation (DAIT)
- Division of Microbiology and Infectious Diseases (DMID)

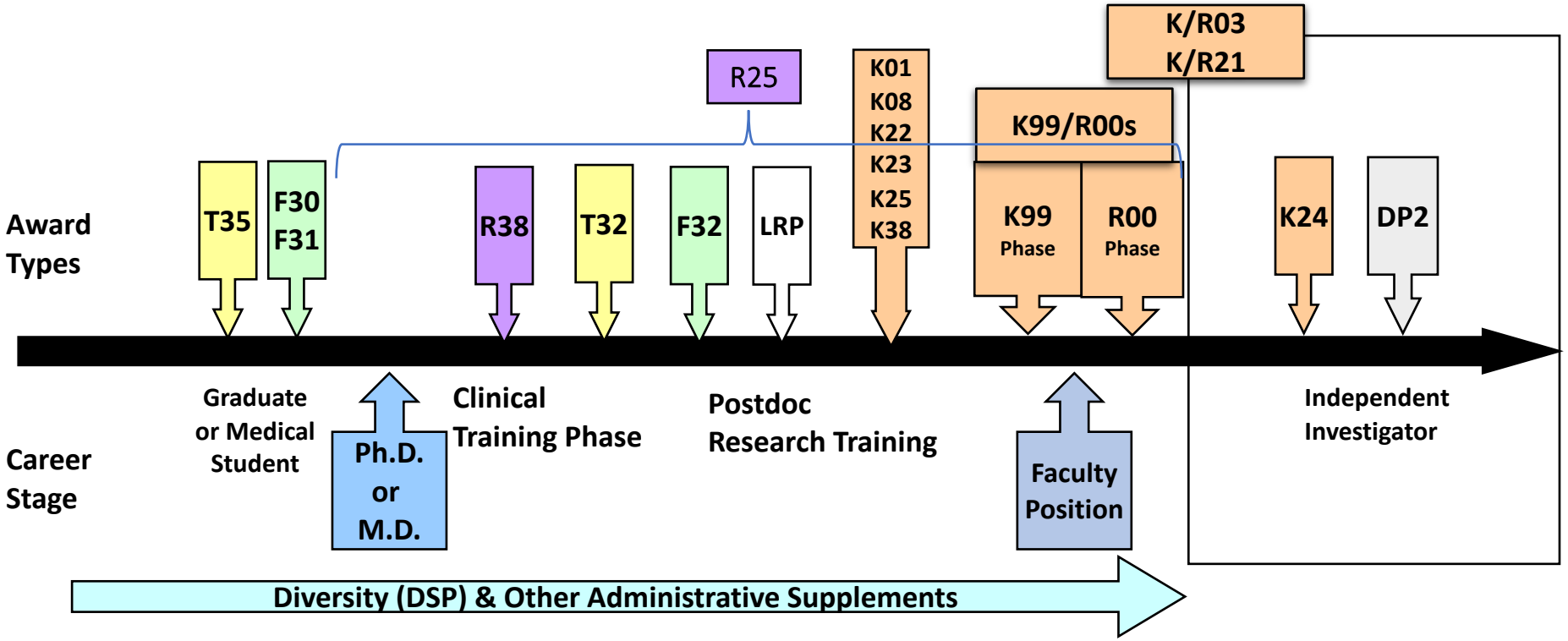
Second largest NIH Institute in terms of annual funding

National Institutes of Health
Budget Comparison by Institute/Center
(Dollars in Thousands)

IC	FY 2019 Enacted	FY 2020 House Mark	Percent Change
NCI	$ 6,143,892	$ 6,444,165	4.9%
NIAID	5,523,324	5,808,268	5.2%
NHLBI	3,488,335	3,658,822	4.9%
NHGRI	575,579	603,710	4.9%
NCATS	806,373	845,783	4.9%
NIGMS	2,872,780	3,033,183	5.6%
NIA	3,083,410	3,286,107	6.6%
NIDA	1,419,844	1,489,237	4.9%
Other ICs	13,080,137	13,722,482	4.9%
Subtotal	$ 36,993,674	$ 38,891,757	5.1%
OD	2,112,675	2,206,992	4.5%
B&F	200,000	200,000	0.0%
Total*	$ 39,306,349	$ 41,298,749	5.1%

*Total NIH Program Level (includes estimates for FY 2020 type I diabetes and superfund)

NIH Training Continuum to Research Independence



NIMH Supports Training Across Career Stages

Graduate/Medical Student

Dissertation Grant: R36

NRSA Fellowships: F30, F31

Institutional Training Grant: T32

Research Residency (MDs): R25

Diversity Supplements

Post-Doctoral Fellow

NRSA Fellowship: F32

Institutional Training Grant: T32

Research Education Grant: R25

Diversity Supplements

Early Career Faculty

K-Awards: K01, K08, K23, K99/R00

Research Education Grant: R25

Diversity Supplements

Mid-Career Faculty +

Research Education Grant: R25

Diversity Supplements

3 Funding Pathways

1. **Individual** NIMH Awards (R36, F, K)
2. **Institutional** NIMH training awards (T32)
3. **Administrative supplement** to a mentor's NIMH grant

National Institute of Mental Health

Career "K" Development Awards

- Started 1957; some 20 different "Ks" since inception
- Goal: Research Independence (e.g., R01 award)
- 2018 NIAID Assessment ➔ Ks work!

K award?
~2x More Likely
to Get R01

NIAID K Trends, FY14 - FY19

FY	# All Ks Competing Applications	# All Ks Competing Awards	*Success Rates	^Total Cost ($)
2019	299	97	32.4%	$49.1M
2018	304	74	24.3%	$44.7 M
2017	288	60	20.8%	$41.8 M
2016	289	75	25.9%	$41.2 M
2015	264	73	27.6%	$38.3 M
2014	258	72	27.9%	$36.3 M

IMPAC II

Success Rate = percentage of **reviewed grant applications that received funding*
^Total Costs = T1, T2 , T5 and T7 awards

NOTE - OER mandate beginning in FY 2017 - increase K08 and K23 salary to $100K, impacted budget

StARR - Research in Residency

- **Institutional Program**
- **Participants conduct research during Residency (R38), directly after med school and prior to subspecialty training (Fellowship)**
- **Thereafter during Fellowship R38 alumni apply for their own "K" award: K38**
- **NIAID: Only funded new apps in FY18;**
  Duke, Emory and Children's National (DC)

Loan Repayment Programs

- Designed to recruit and retain highly qualified health professionals (MDs, etc.) **into biomedical or behavioral research careers**
- Pay-off **up to ~~$35K~~ $50K/year** of qualified student load debt; renewable
- LRP is a contract; proposed application research can be same as K award (or other research grant mechanism)
- LRP Programs:
  1. **Clinical Research**
  2. **Pediatric Research**
  3. **Health Disparities Research**
  4. Contraception and Infertility Research
  5. Clinical Research LRP Individuals Disadvantaged Backgrounds

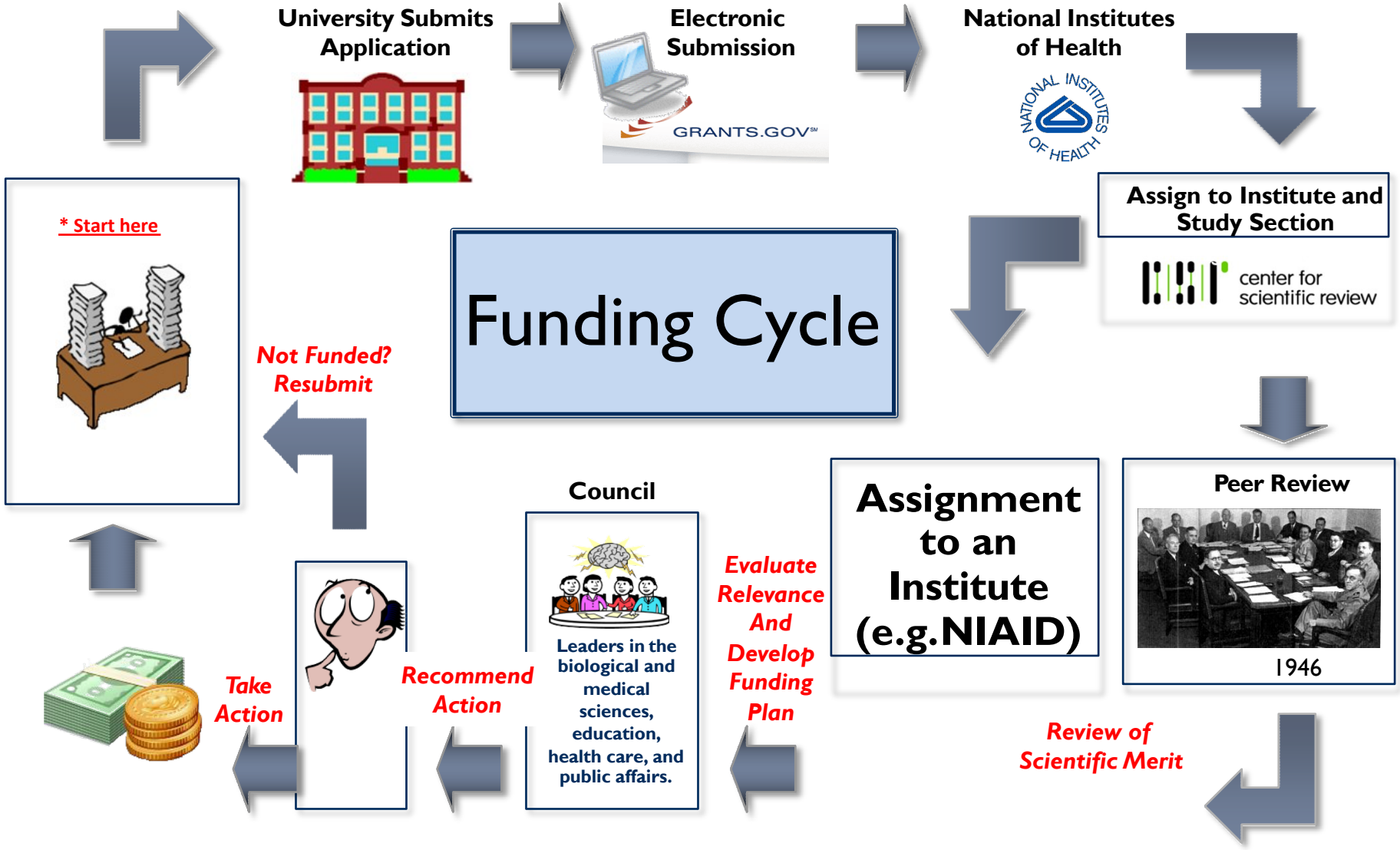
https://www.lrp.nih.gov/

Additional Funding Potential

Consult your Program Officer or the NIH contact about possibilities from:

- NIH OD, Office of Disease Prevention
- NIH OD, Office of Sexual & Gender Minority Research
- NIH OD, Office of Behavioral and Social Sciences Research
- NIH OD, Office of Dietary Supplements

NIH Grant Process



Advice: Before You Start Writing

Take a step back - view the process of writing the grant not only for funding potential but also to **organize your research vision**, **affirm a timeline for your career development, establish routine engagement with your mentor:**

- Define your career goals and research interest
- Outline the techniques, skills, knowledge and relationships necessary to achieve your career goals
- Identify skills gaps and means to address them
- Define your research plan – Specific Aims
- Build a career/training plan that is tailored to your needs, strengths
- Complete the application **WITH your Mentor**

Prepare a complete, consistent, compelling picture of how the **proposed research, training plans, collaborations** will build upon your accomplishments and help achieve career goals for independent research

Avoid Common Pitfalls in "K" and LPR Applications

- Research and career plans not well aligned
- Plans for training not well justified
- Lack of strong preliminary data
- Inadequate alternative strategies proposed
- Lack of mentor training experience in the proposed area, prior collaboration, research expertise or existing funding

Thank you for your attention!

Contact Information:

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Denise Russo

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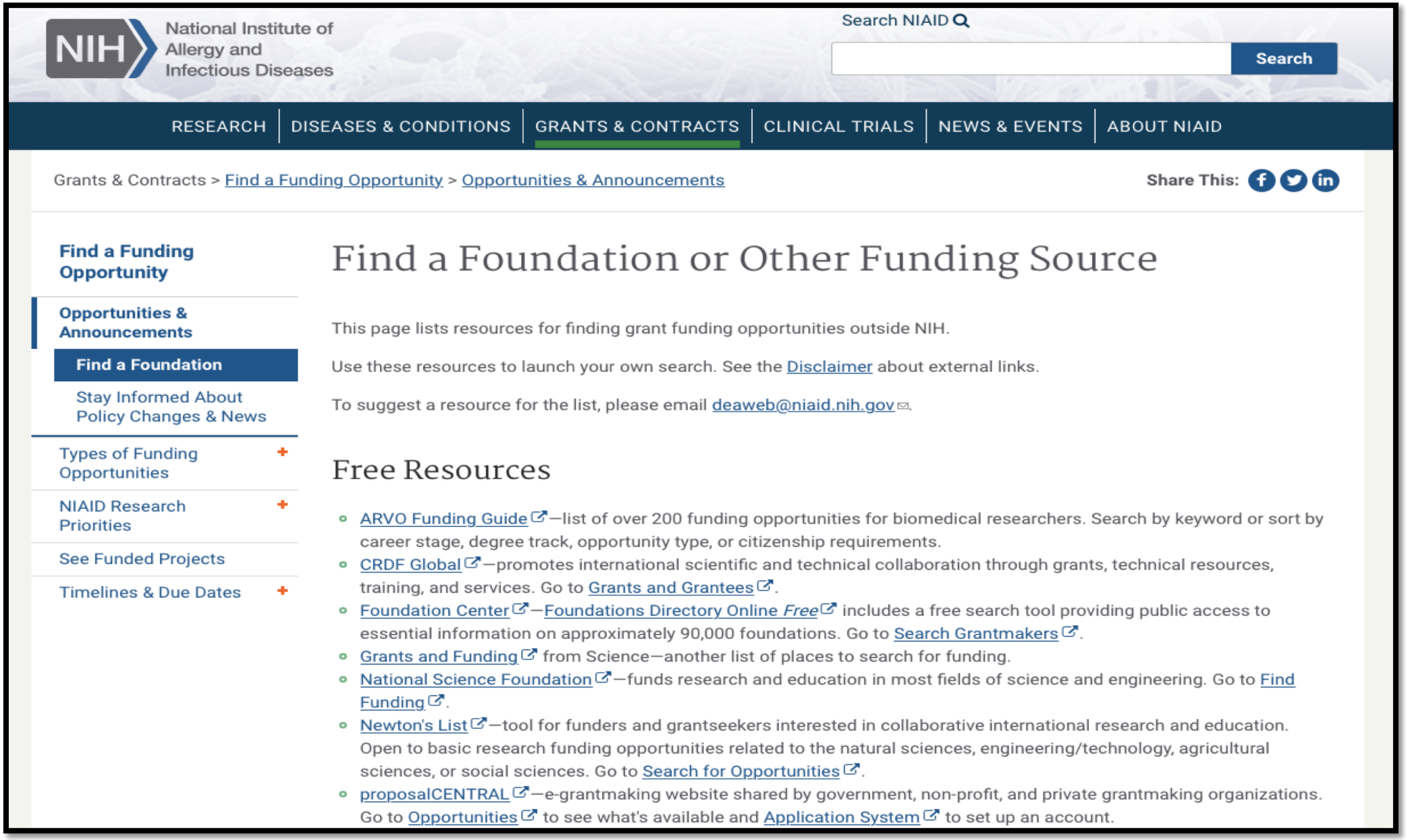
Additional Slides of Potential Interest

NIH ORWH: BIRCWH Accomplishments

- Since its creation in 2000, over 700 Scholars graduated from the program
- About 70% of BIRCWH Scholars supported in 2010-2015 submitted at least one subsequent RPG application
  - ~50% who applied were successful
  - ~70% of this cohort had a tenure-track appointment
- Originally focused on reproductive health – now includes many areas related to women's health
  - CVD, Aging, Cancer, Neurosciences, Musculoskeletal Conditions, Autoimmunity, Mental Health, and Infectious diseases (HIV/AIDS also)

Other Funding Sources: Beyond NIH



National Institute of Allergy and Infectious Diseases

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Grants & Contracts > Find a Funding Opportunity > Opportunities & Announcements

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Find a Foundation

Stay Informed About Policy Changes & News

Types of Funding Opportunities

NIAID Research Priorities

See Funded Projects

Timelines & Due Dates

Find a Foundation or Other Funding Source

This page lists resources for finding grant funding opportunities outside NIH.

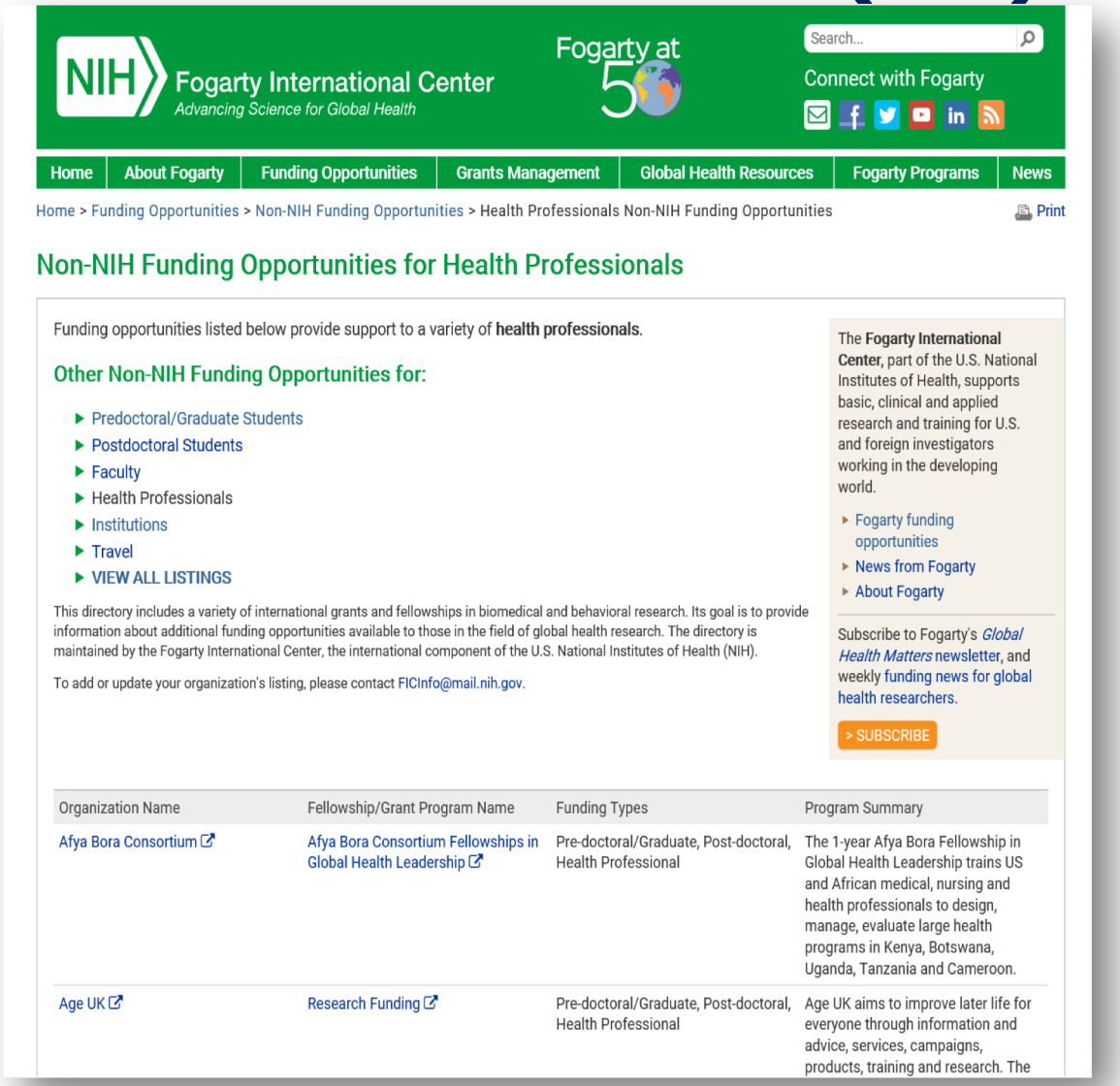
Use these resources to launch your own search. See the Disclaimer about external links.

To suggest a resource for the list, please email deaweb@niaid.nih.gov.

Free Resources

- ARVO Funding Guide—list of over 200 funding opportunities for biomedical researchers. Search by keyword or sort by career stage, degree track, opportunity type, or citizenship requirements.
- CRDF Global—promotes international scientific and technical collaboration through grants, technical resources, training, and services. Go to Grants and Grantees.
- Foundation Center—Foundations Directory Online *Free* includes a free search tool providing public access to essential information on approximately 90,000 foundations. Go to Search Grantmakers.
- Grants and Funding from Science—another list of places to search for funding.
- National Science Foundation—funds research and education in most fields of science and engineering. Go to Find Funding.
- Newton's List—tool for funders and grantseekers interested in collaborative international research and education. Open to basic research funding opportunities related to the natural sciences, engineering/technology, agricultural sciences, or social sciences. Go to Search for Opportunities.
- proposalCENTRAL—e-grantmaking website shared by government, non-profit, and private grantmaking organizations. Go to Opportunities to see what's available and Application System to set up an account.

Beyond NIH:
Fogarty International Center (FIC) Links



NIH Fogarty International Center
Advancing Science for Global Health

Fogarty at 50

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Non-NIH Funding Opportunities for Health Professionals

Funding opportunities listed below provide support to a variety of **health professionals**.

Other Non-NIH Funding Opportunities for:

- Predoctoral/Graduate Students
- Postdoctoral Students
- Faculty
- Health Professionals
- Institutions
- Travel
- VIEW ALL LISTINGS

This directory includes a variety of international grants and fellowships in biomedical and behavioral research. Its goal is to provide information about additional funding opportunities available to those in the field of global health research. The directory is maintained by the Fogarty International Center, the international component of the U.S. National Institutes of Health (NIH).

To add or update your organization's listing, please contact FICInfo@mail.nih.gov.

The **Fogarty International Center**, part of the U.S. National Institutes of Health, supports basic, clinical and applied research and training for U.S. and foreign investigators working in the developing world.

- Fogarty funding opportunities
- News from Fogarty
- About Fogarty

Subscribe to Fogarty's *Global Health Matters* newsletter, and weekly funding news for global health researchers.

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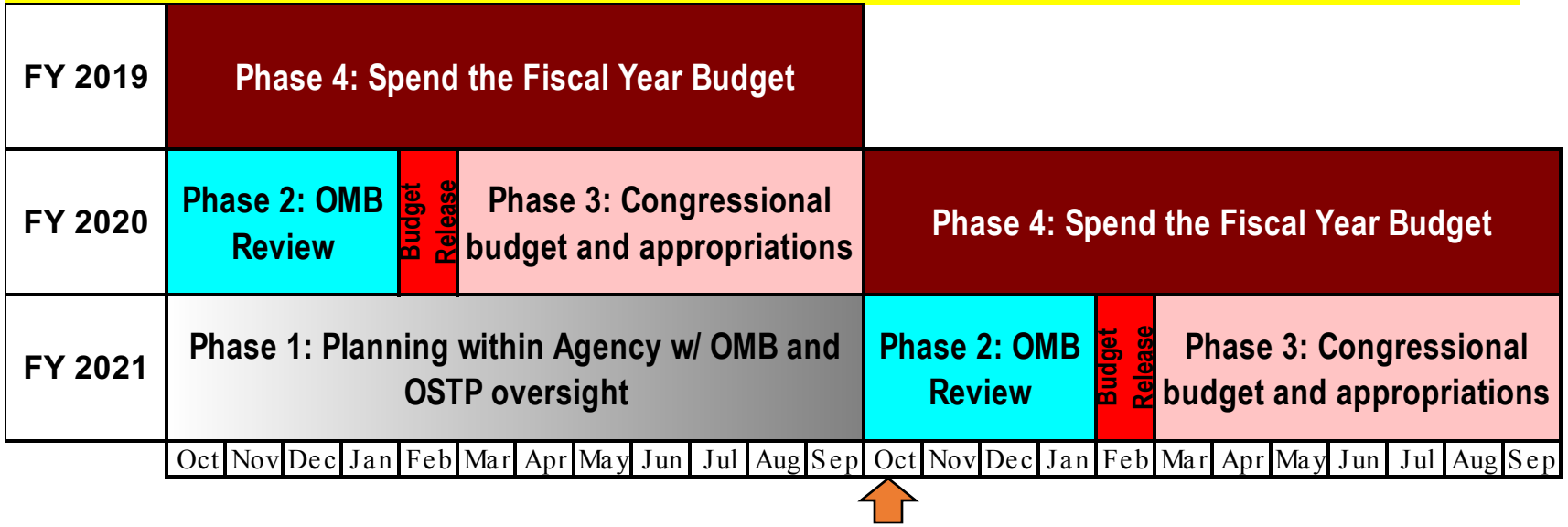
Organization Name	Fellowship/Grant Program Name	Funding Types	Program Summary
Afya Bora Consortium	Afya Bora Consortium Fellowships in Global Health Leadership	Pre-doctoral/Graduate, Post-doctoral, Health Professional	The 1-year Afya Bora Fellowship in Global Health Leadership trains US and African medical, nursing and health professionals to design, manage, evaluate large health programs in Kenya, Botswana, Uganda, Tanzania and Cameroon.
Age UK	Research Funding	Pre-doctoral/Graduate, Post-doctoral, Health Professional	Age UK aims to improve later life for everyone through information and advice, services, campaigns, products, training and research. The

https://www.fic.nih.gov/Funding/NonNIH/Pages/health-professionals.aspx

The Ideal Federal Budget Cycle



Federal agencies work on multiple budgets at any given time

- NIH completes prior fiscal spending by 9/30 of the calendar year
- FY20 - Federal government under Continuing Resolution (CR) through Nov 21, 2019
- Agencies/OMB already thinking beyond FY21

Source: AAAS, http://www.aaas.org/page/presentations (June 3, 2019)

NIAID K Programs

K	Program Name	Type
K22 ~$250K	NIAID Career Transition	**Transition to Fac.**
*K99s/R00s ~$500K	Pathway to Independence Programs 1) Parent NIH 2) NIAID Physician-Scientists Variance across ICs R38 NICHD does not support this	**Transition to Fac.**
K08 ~$750K	Mentored Clinical Scientist Research	**MDs/Clinicians**
K23 ~$750K	Mentored Patient-Oriented Research	**MDs/Clinicians**
K24 varies	Midcareer Investigator Award	**MDs/Clinicians**
K25 ~$750K	Mentored Quantitative Research	**Specific Research**
K01 ~$750K	Mentored Research Scientist	**Specific Research**

Important Reminders for Grantees

KNOW THE FUNDING AND SALARY LIMITS – See IC-specific websites (examples below):

- NCI: httphttps://www.cancer.gov/about-nci/budget
- NIAID: https://www.niaid.nih.gov/grants-contracts/paylines-funding
- NICHD: https://www.nichd.nih.gov/grants-contracts/process-strategies/strategies
- NIDA: https://www.drugabuse.gov/funding/nida-funding-opportunities/nida-funding-strategy
- NIMH: https://www.nimh.nih.gov/funding/funding-strategy-for-research-grants/index.shtml
- NHLBI: https://www.nhlbi.nih.gov/current-operating-guidelines
- FIC: https://www.fic.nih.gov/About/FundingStrategy/Pages/default.aspx

NIH PEER REVIEW – Make sure you note page limits, required forms, allowable supplemental/appendix materials, review criteria, human subjects inclusion, and clinical trials requirements, etc. - *http://grants.nih.gov/grants/peer/peer.htm*

NIH POLICY ON CLINICAL TRIALS – Avoid rejection of your application by keeping informed on funding opportunity announcement (FOA) requirements and any recent revisions to policies: *https://grants.nih.gov/policy/notices.htm*

NIH POLICY ON SINGLE IRB REVIEW FOR MULTI-SITE RESEARCH – Full details are available: *https://grants.nih.gov/policy/clinical-trials/single-irb-policy-multi-site-research.htm*

NIH PUBLIC ACCESS POLICY – Adequate preparation, and using NCBI's MyBibliography to monitor your publications, are keys to avoiding delays in funding awards due to non-compliance issues. If you aren't sure how to use MyNCBI, see: *http://publicaccess.nih.gov/communications.htm*

NIH PROGRESS REPORTING (RPPR) & GRANT CLOSEOUT - Don't submit the wrong grant closeout report, a final/F-RPPR or interim/I-RPPR may be needed (see the NIH RPPR Page)

Administrative, budgeting actions requiring NIH approval (per **NIH Grants Policy Statement**): Ask your PO, ask your budget office! Start the process early.