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# Positioning yourself for success with the NIH R03 & R15

13 NOVEMBER 2024

McAllister & Quinn

# Today's Speaker



**Elizabeth Festa, Ph.D.**

Managing Director  
Research Universities Practice

# About McAllister & Quinn

## ▶ **Washington, DC-based consulting firm**

Founded in 2004.

Specialize in securing funding for a wide range of organizations.

## ▶ **Team of grants experts**

100+ staff from Legislative and Executive branches, academia, non-profits, & industry.

400+ grant writers, consultants & subject matter experts.

# Agenda

PART I: Presentation on the Agency and the R03/R15 mechanisms

1. Overview of NIH and the ICs
2. Understanding & searching for funding opps
3. Overview of R03 and R15 mechanisms
4. Communicating with Program Officers
5. Preparing Key Sections of your Proposal

PART II : R15 panel discussion

Dr. Mike Gawrysiak  
Dr. Liz Grillo  
Dr. Kristen Breit

# Overview of NIH & the ICs

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# Overview of NIH



Clinical Center (Building 10), NIH Campus

- NIH is the largest public funder of biomedical research in the world
- NIH Budget: \$47.683 billion (FY23)
- NIH Mission:
  - *To seek 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*

# Key Acronyms

<b>IC</b>	Institute/Center	<b>RPG</b>	Research Project Grant
<b>PO</b>	Program Officer	<b>PPG</b>	Program Project Grant
<b>SRO</b>	Scientific Review Officer	<b>PA</b>	Program Announcement
<b>CSR</b>	Center for Scientific Review	<b>RFA</b>	Request for Application
<b>FOA</b>	Funding Opportunity Announcement	<b>NoA</b>	Notice of Award
<b>NOFO</b>	Notice of Funding Opportunity	<b>NOSI</b>	Notice of Special Intent

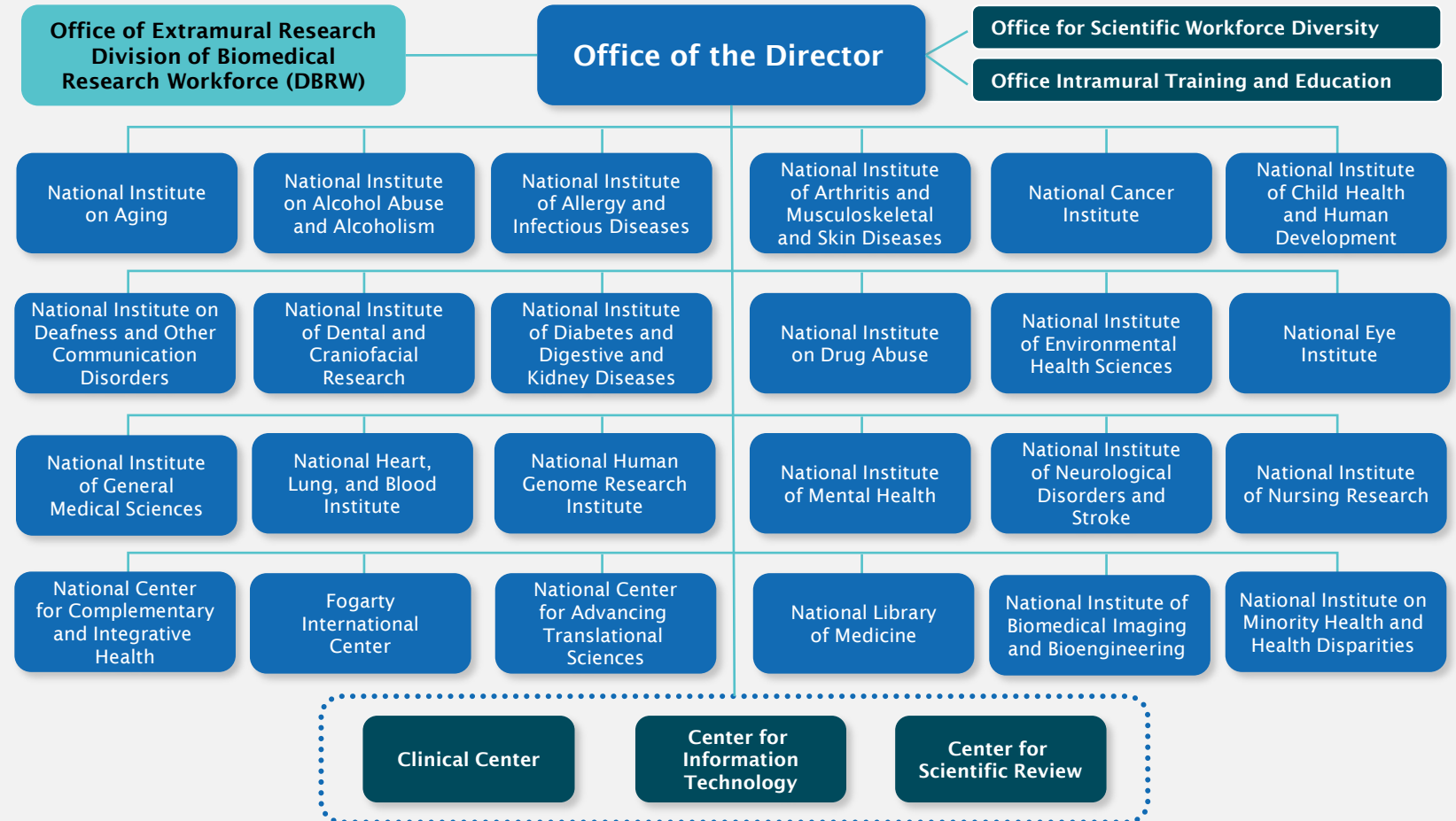


# NIH Institutes & Centers (ICs)

27 ICs (24 of which fund extramural research)

Each IC has its own

- mission
- priorities
- budget
- funding strategy





NIH and the ICs

# Using Institute Webpages

The screenshot displays the National Cancer Institute (NCI) website. At the top left is the NCI logo and name. A search bar is located at the top right. Below the header is a navigation menu with categories: About Cancer, Cancer Types, Research, Grants & Training, News & Events, and About NCI. A secondary navigation bar includes: RESEARCH AREAS, RESEARCH TRAINING, CAPACITY BUILDING, GRANTS AND FUNDING, SCIENCE EDUCATION, NEWS AND EVENTS, and ABOUT NIGMS. The main content area features the National Institute of Mental Health (NIMH) logo and tagline: "Transforming the understanding and treatment of mental illnesses." Below this is another search bar and a link for "Información en español". A horizontal menu lists: MENTAL HEALTH INFORMATION, GET INVOLVED, RESEARCH, FUNDING, NEWS & EVENTS, and ABOUT US. A large banner for "75 Years Celebrating 75 Years RESEARCH. DISCOVERY. HOPE." is visible, with a link to "Explore our Events and Stories". A "Health Topics" section lists various conditions: Anxiety Disorders, Attention-Deficit/Hyperactivity Disorder, Autism Spectrum Disorder, Bipolar Disorder, Borderline Personality Disorder, Depression, Eating Disorders, Obsessive-Compulsive Disorder, Post-Traumatic Stress Disorder, Schizophrenia, and Suicide Prevention, with a "More Topics" link.

Learn more about the institute's mission and active programs

Review summaries of research projects previously funded by the institute

Peruse current, future, and past funding solicitations in which the institute participates

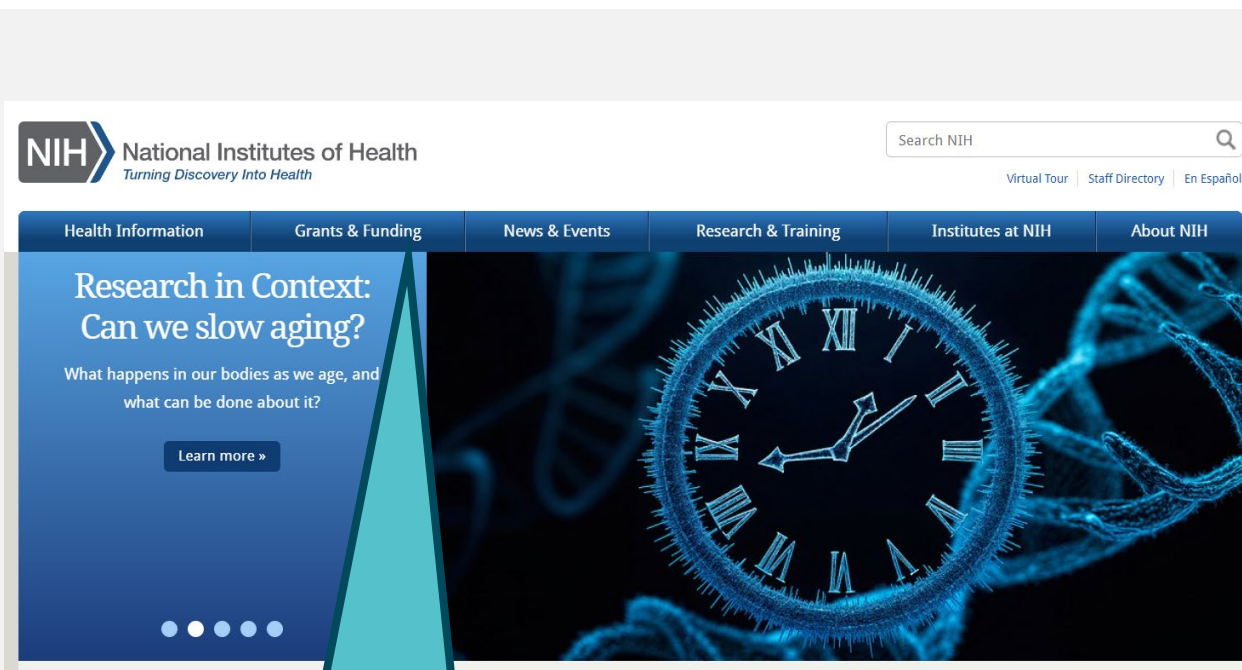
Find Program Officers

Sign up for the Listserv and notifications

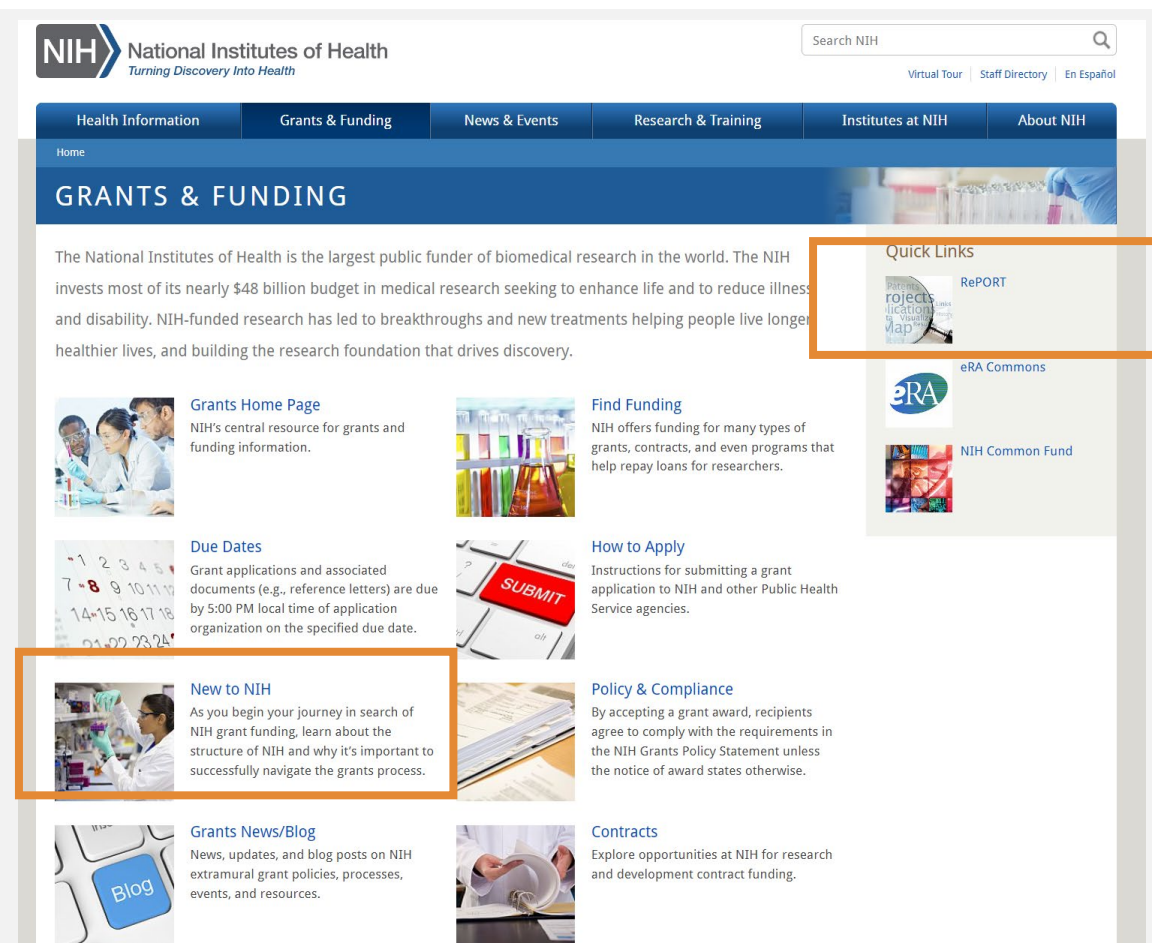
# Understanding and searching for funding at the NIH

## Understanding Funding

# NIH Main Page



Grants Process Overview



# New to NIH page

## New to NIH | Grants & Funding

<b>NEW TO NIH</b>	FUNDING ▾	GRANTS PROCESS ▾	POLICY & COMPLIANCE ▾	NEWS & EVENTS ▾	ABOUT US ▾
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[Home](#) > New to NIH

## New to NIH

As you begin your journey in search of NIH grant funding, the information in this section can help you understand the structure of NIH and why it's important to successfully navigate the grants process.

 [NIH Grants Process: A Video Walk-Through for Beginners](#)

### What We Do -

The National Institutes of Health is the largest public funder of biomedical research in the world.

Our mission is to seek 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 provides financial assistance for projects that advance this mission in a variety of broad research and r

- Research Training and Career Development
- Research and Development
- Small Business
- Supplemental Funding
- Construction and Modernization
- Loan Repayment I
- Contracts
- Other Transaction
- Challenges and Pr

 **Want to learn more?**  
Visit [Learn About Funding Categories](#).

<b>Where is the Money</b>	+
<b>A Highly Competitive Process</b>	+
<b>How NIH Announces Funding Opportunities</b>	+
<b>Who is Eligible</b>	+
<b>Meet the NIH Team</b>	+
<b>Interacting with NIH Systems</b>	+
<b>Get Registered</b>	+

# Resources, documents, utility links

## Resources

## General

**Information For** pages – links and resources of interest to specific audiences

- [Researchers](#)
- [Research Administrators](#)
- [Reviewers](#)
- [Small Business](#)
- [Foreign Grants](#)
- [Media and the Public](#)

## See Also

## Documents

- [How to Apply – Application Guide](#) — Use these general application instructions along with the guidance in funding opportunities to submit grant applications to NIH.
- [NIH Grants Policy Statement \(GPS\)](#) — The NIH GPS outlines the policy requirements that serve as the terms and conditions of NIH grant awards.
  - New policies or updates to existing policies are announced through the [NIH Guide for Grants and Contracts](#) and later incorporated into the NIH GPS on a yearly basis.

## Utility links

We have several handy utility links in the upper right corner of every page.

- [Glossary](#) — NIH, like most organizations, uses a lot of acronyms and nuanced terminology. Refer to our glossary to find acronym expansions and the meaning of many grant terms. A link to the glossary can be found at the top of each page under the search box.
- [Frequently Asked Questions \(FAQs\)](#) — Find the answers to questions on a wide range of grants administration policies, programs, and processes. The main FAQ page is a compilation of the topic-specific FAQ sets you'll find towards the bottom of our topic pages.

## Contact

Check online guidance and direct your questions to your sponsored programs office or grants administrators. If you still need assistance, find NIH contacts at [Need Help?](#)

Understanding Funding

# RePORT

Research Organizations Workforce Funding Reports Links and Data About Contact FAQ

**NIH** RePORT  
Research Portfolio Online Reporting Tools

**RePORTER**

RePORTER Quick Search... **Search**

The RePORT Expenditures and Results (RePORTER) module allows users to search a repository of NIH-funded research projects and access publications and patents resulting from NIH funding. Enter just about anything in the RePORTER Quick Search box above (text, PI names, project numbers, fiscal year, agency) or launch the Advanced Search to precisely configure searches using separate search fields.

**RePORTER Home** **Advanced Search**

**RePORTER** **Matchmaker** **Awards by Location** **Categorical Spending** **NIH Data Book**

Welcome to  
**Research Portfolio Online Reporting Tools  
(RePORT)**

## Spotlight

[NIH COVID-19 Research](#)

Explore NIH's comprehensive summary of ongoing COVID-19 research, including fundina, clinical trials.

# Understanding Funding

# RePORTER

### Quick Search

Search

Enter just about anything in the RePORTER Quick Search box above (text, PI names, project numbers, fiscal year, agency) or launch the Advanced Search to precisely configure searches using separate search fields.

Advanced Search

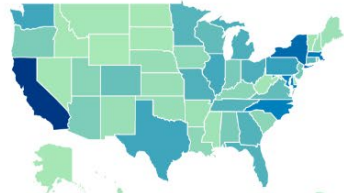
**Welcome to the NIH RePORTER**

Each award supported by NIH promotes efforts to seek fundamental knowledge about the nature and behavior of living systems and/or the application of that knowledge to enhance health, lengthen life, and reduce illness and disability.

Guided Tour
Feedback

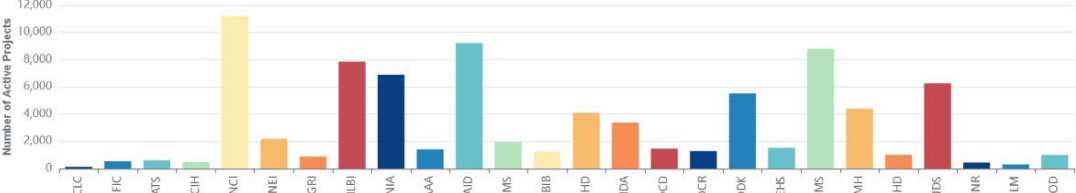
### Active Funding by State

Select a state to view projects



### Active Projects by Institute/Center

Select a bar to view projects for an Institute/Center



### Advanced Projects Search

Fiscal Year ?

Active Projects

Current FY is 2025

Principal Investigator (PI) ?

PI Names or Profile IDs, semicolon ";" separated

Organization ?

Enter at least 3 characters to search

Agency/Institute/Center ?

Admin  Funding

Project Number/Application ID ?

Format: 5R01CA012345-04/ 8515397, semicolon ";" separated

Reset

Search

[Looking for additional search fields?](#) [Click here to view All Search Fields](#) ↗

### Publications Search

Find publications associated with extramural or intramural funded projects using PubMed IDs (PMID) or PubMed Central IDs (PMC ID).

Get Started >

### Matchmaker

Find potential Program Officials, ICs, and review panels for your research.

Get Started >

# RePORTER - Matchmaker



Top 500 Projects

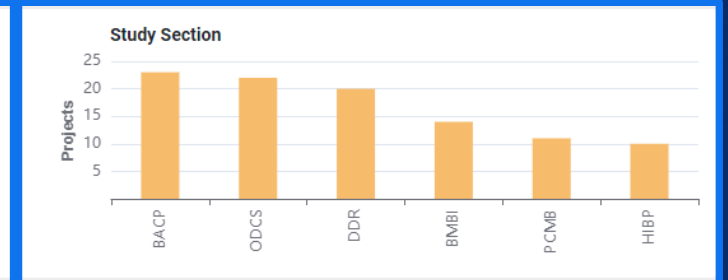
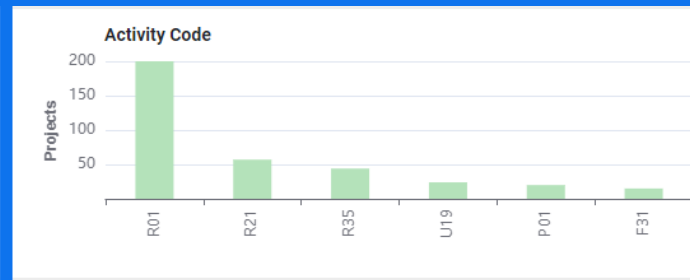
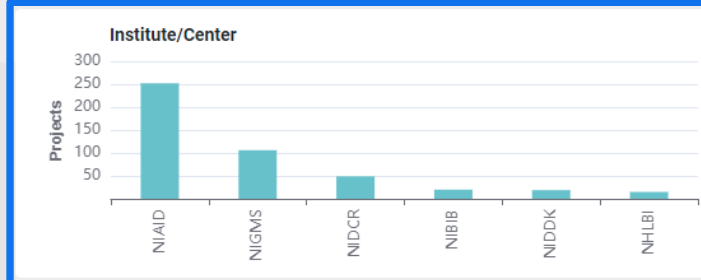
This proposal's objective is to determine the impact of the spatial structure and mechanics of Pseudomonas aeruginosa biofilm infections, in chronic wounds, on virulence, antibiotic resistance, and immune evasion. Most chronic bacterial infections are caused by biofilms, aggregated bacteria that are embedded in a matrix of polymer and protein. Unlike well-mixed, liquid cultures, biofilm infections have well-defined spatial structure. This spatial structure is

Search

Projects Program Officials

## Filters

- Active Projects
- > Fiscal Years
- > Agencies
- > Activity Codes
- > Program Officials
- > Study Sections



T Act Project	Year	Sub	Principal Investigator(s)/ Project Leader(s)	Organization	Fiscal Year	Admin IC	Funding IC	FY Total Cost by IC	Similar Projects	Match
<b>A theranostic ultrasound approach to improve chronic wound treatment using phase-change contrast agents</b>										
1	R01	AI167978-01A1	<a href="#">PAPADOPOULOU, VIRGINIE</a> <a href="#">ROWE, SARAH ELIZABETH</a>	UNIV OF NORTH CAROLINA CHAPEL HILL	2023	NIAID	NIAID	\$534,289	<a href="#">View &gt;</a>	543
<b>A Novel High-Intensity Iontophoresis-Based Antibiotic Delivery Device for Efficacious Eradication of Chronic Wound Biofilms</b>										
5	R21	AR080906-02	<a href="#">ZHAO, SIWEI</a> <a href="#">XIE, JINGWEI</a>	UNIVERSITY OF NEBRASKA MEDICAL CENTER	2023	NIAMS	NIAMS	\$202,620	<a href="#">View &gt;</a>	521
<b>A Mechanical Testing Machine for Characterizing Biofilms on Experimental Tools</b>										
3	R35	GM142898-03S1	<a href="#">JONES, AKHENATON-ANDREW DHAFIR</a>	DUKE UNIVERSITY	2023	NIGMS	NIGMS	\$59,740	<a href="#">View &gt;</a>	520
<b>A novel electric current-based treatment system for chronic wound biofilm infections</b>										
1	R01	EB034806-01	<a href="#">ZHAO, SIWEI</a>	UNIVERSITY OF NEBRASKA MEDICAL CENTER	2023	NIBIB	NIBIB	\$377,670	<a href="#">View &gt;</a>	518
<b>Novel Janus-type Antimicrobial Dressings for the Treatment of Biofilms in Chronic Wounds</b>										
5	R01	GM138552-04	<a href="#">XIE, JINGWEI</a> <a href="#">WANG, GUANGSHUN</a>	UNIVERSITY OF NEBRASKA MEDICAL CENTER	2023	NIGMS	NIGMS	\$538,970	<a href="#">View &gt;</a>	514
<b>A Nanostructured Skin Patch to Heal Chronic Wounds</b>										
3	R01	GM142898-03S1	<a href="#">JONES, AKHENATON-ANDREW DHAFIR</a>	DUKE UNIVERSITY	2023	NIGMS	NIGMS	\$59,740	<a href="#">View &gt;</a>	520



# RePORTER - Matchmaker

NIH RePORT RePORTER FAQs API ExPORTER Sign In

**Matchmaker Results**  
115 POs

This proposal's objective is to determine the impact of the spatial structure and mechanics of Pseudomonas aeruginosa biofilm infections, in chronic wounds, on virulence, antibiotic resistance, and immune evasion. Most chronic bacterial infections are caused by biofilms, aggregated bacteria that are embedded in a matrix of polymer and protein. Unlike well-mixed, liquid cultures, biofilm infections have well-defined spatial structure. This spatial structure is

Projects Program Officials

**Filters**

- Active Projects
- Fiscal Years
- Agencies
- Activity Codes
- Program Officials
- Study Sections

**Institute/Center**

Institute/Center	Program Officials
NIGMS	32
NIAID	30
NHLBI	10
NIBIB	10
NIDDK	10
NIDCR	8

**Activity Code**

Activity Code	Program Officials
R01	65
R21	25
R35	18
R03	10
R15	10
R00	10

Program Official	IC	Contact Information	Projects
<a href="#">XU, ZUOYU</a>	NIAID	<a href="#">View Email</a> Contact info is hidden by default for privacy	<a href="#">55</a>
<a href="#">HUNTLEY, CLAYTON C</a>	NIAID		<a href="#">37</a>
<a href="#">MCNEALY, TAMARA L</a>	NIDCR		<a href="#">28</a>
<a href="#">ERNST, NANCY L</a>	NIAID		<a href="#">27</a>
<a href="#">KEANE-MYERS, ANDREA</a>	NIGMS		<a href="#">23</a>
<a href="#">LOVE, DONA</a>	NIAID		<a href="#">11</a>
<a href="#">ALEXANDER, WILLIAM A</a>	NIAID		<a href="#">11</a>
<a href="#">UPADHYAY, MEENU MISHRA</a>	NIAID		<a href="#">10</a>
<a href="#">CHAO, CHIEN-CHUNG</a>	NIGMS		<a href="#">9</a>
<a href="#">SARE, RACHEL</a>	NIDCR		<a href="#">9</a>
<a href="#">BOND, MICHELLE RUEFFER</a>	NIGMS		<a href="#">7</a>
<a href="#">BARNES, CHARLES ASHLEY</a>	NIGMS		<a href="#">6</a>

Was this page helpful?

# Matchmaker Results

Top 500 Projects

PROJECT SUMMARY Tregs and MDSCs have emerged as key suppressors of the TB granuloma. In addition, Tregs have been implicated in the maintenance of the granuloma. We have generated two selective biologic agents for potent depletion of Tregs and MDSCs.

Projects

Program Officials

## Filters

Active Projects

> Fiscal Years

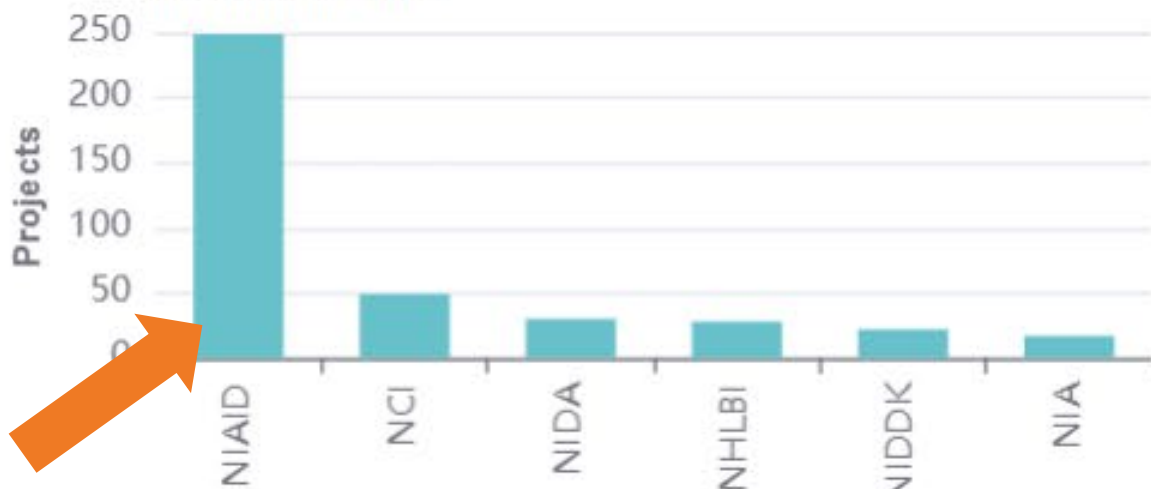
> Agencies

> Activity Codes

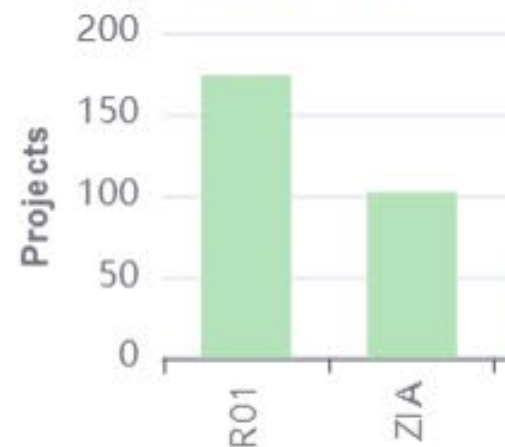
> Program Officials

> Study Sections

### Institute/Center



### Activity Code



T Act Project	Year	Sub	Principal Investigator(s)/ Project Leader(s)	Organization
---------------	------	-----	---	--------------

# Understanding NIH Funding Opportunity Types

## NIH Issues Notices of Funding Opportunity (NOFOs)



### Parent Announcements

- **Broad/‘umbrella’ NOFO** allowing investigators to submit “investigator initiated” or “unsolicited” research ideas in ‘areas of choice’ for a given activity code (e.g., parent R01, R03)
- Usually ongoing opportunity (3 years); standard receipt dates (you have flexibility)
- Most applications to NIH = investigator initiated



### Program Announcements (PAR, PAS)

- **Identifies specific priority areas and/or areas of science**
- PAS: PA with set aside funds; PAR: has a special receipt, referral and/or review considerations (described in PA)
- Usually ongoing (3 years); standard receipt dates (you control when you apply)
- Most (but not all) NIH ICs participate



### Requests for Applications (RFA)

- **Special NOFO identifying (‘soliciting’) research in specific, pre-defined scientific areas**
- Predetermined amount of set-aside funds, anticipated # of awards
- Usually, single receipt date; IC usually convenes review panel

# Investigator- vs. Agency-Initiated Proposals

## Investigator-Initiated

**You** go to the institute with an idea to solve a problem of **your choosing** that falls within the realm of the institute's mandate



Parent  
Announcements

- Often on the standard NIH submission cycle (3x/yr)
- Wider, more diverse applicant pool & concepts

## Agency-Initiated

**The agency** tells you the problem they're seeking solutions to



Program  
Announcements (PAR,  
PAS)

Requests for  
Applications (RFA)

- Focused applications with specific criteria for responsiveness
- Sometimes standard due dates, sometimes unique

Understanding Funding

# Notices of Special Interest (NOSIs)

Notice of Special Interest (NOSI): Fundamental Mechanisms and Functions of Co-transmission in the Brain

Notice Number:  
NOT-MH-24-105

Key Dates

Release Date:	January 3, 2024
First Available Due Date:	February 05, 2024
Expiration Date:	February 04, 2027

Issued by

National Institute of Mental Health (NIMH)  
National Institute on Alcohol Abuse and Alcoholism (NIAAA)  
National Institute on Drug Abuse (NIDA)

NOFO	Title	First Available Due Date	Participating ICs
<a href="#">PAR-22-155</a>	Silvio O. Conte Centers for Basic Neuroscience or Translational Mental Health Research (P50 Clinical Trial Optional)	June 7, 2024	NIMH
<a href="#">PA-21-219</a>	Joint NINDS/NIMH Exploratory Neuroscience Research Grant (R21 Clinical Trial Optional)	February 16, 2024	NIMH
<a href="#">PA-21-235</a>	NIMH Exploratory/Developmental Research Grant (R21 Clinical Trial Not Allowed)	February 16, 2024	NIMH
<a href="#">PA-20-195</a>	NIH Exploratory/Developmental Research Grant Program (Parent R21 Clinical Trial Not Allowed)	February 16, 2024	NIDA, NIAAA
<a href="#">PAR-21-155</a>	Academic Research Enhancement Award for Undergraduate-Focused Institutions (R15 Clinical Trial Not Allowed)	February 25, 2024	NIMH, NIAAA, NIDA
<a href="#">PA-20-200</a>	NIH Small Research Grant Program (Parent R03 Clinical Trial Not Allowed)	February 16, 2024	NIMH, NIAAA, NIDA
<a href="#">PA-20-185</a>	NIH Research Project Grant (Parent R01 Clinical Trial Not Allowed)	February 5, 2024	NIMH, NIAAA, NIDA

Set of NOFOs this NOSI is pointing to

Increasingly used instead of IC-issued program announcements

Highlight areas of scientific interest

Designate existing NOFOs to use for application submission

# Searching for grants

## NIH Guide for Grants and Contracts | Grants & Funding



[Nexus Blog](#) | [eRA](#) | [Glossary](#) | [FAQs](#) | [Help](#)
[NEW TO NIH](#)
[FUNDING](#)
[GRANTS PROCESS](#)
[POLICY & COMPLIANCE](#)
[NEWS & EVENTS](#)
[ABOUT US](#)
[Home](#) > [Funding](#) > NIH Guide for Grants and Contracts

### NIH Guide for Grants and Contracts

The NIH Guide for Grants and Contracts is NIH's official publication of notices of grant policies, guidelines, and funding opportunities. We publish daily and issue a [Weekly Table of Contents](#).

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Find a Fit for Your Research: NIH  
Institutes, Centers, and Offices

[Learn More](#)

[Funding Opportunities](#)
[Other Notices](#)
[Export Results](#) | [Share Results](#) | [Save Results](#)
 Active Opportunities
  Expired Opportunities
  Include Notices of Special Interest (NOSIs)

**Funding Category** ⓘ

[Learn more about Funding Categories](#)

**Funding Organization(s)** ⓘ

 Issuing Organization Only

**Keyword** ⓘ

 Title Only

Advanced Search

[Clear Filters](#)

Active Opportunities

Include NOSIs

Displaying: 1-20 of 1,306

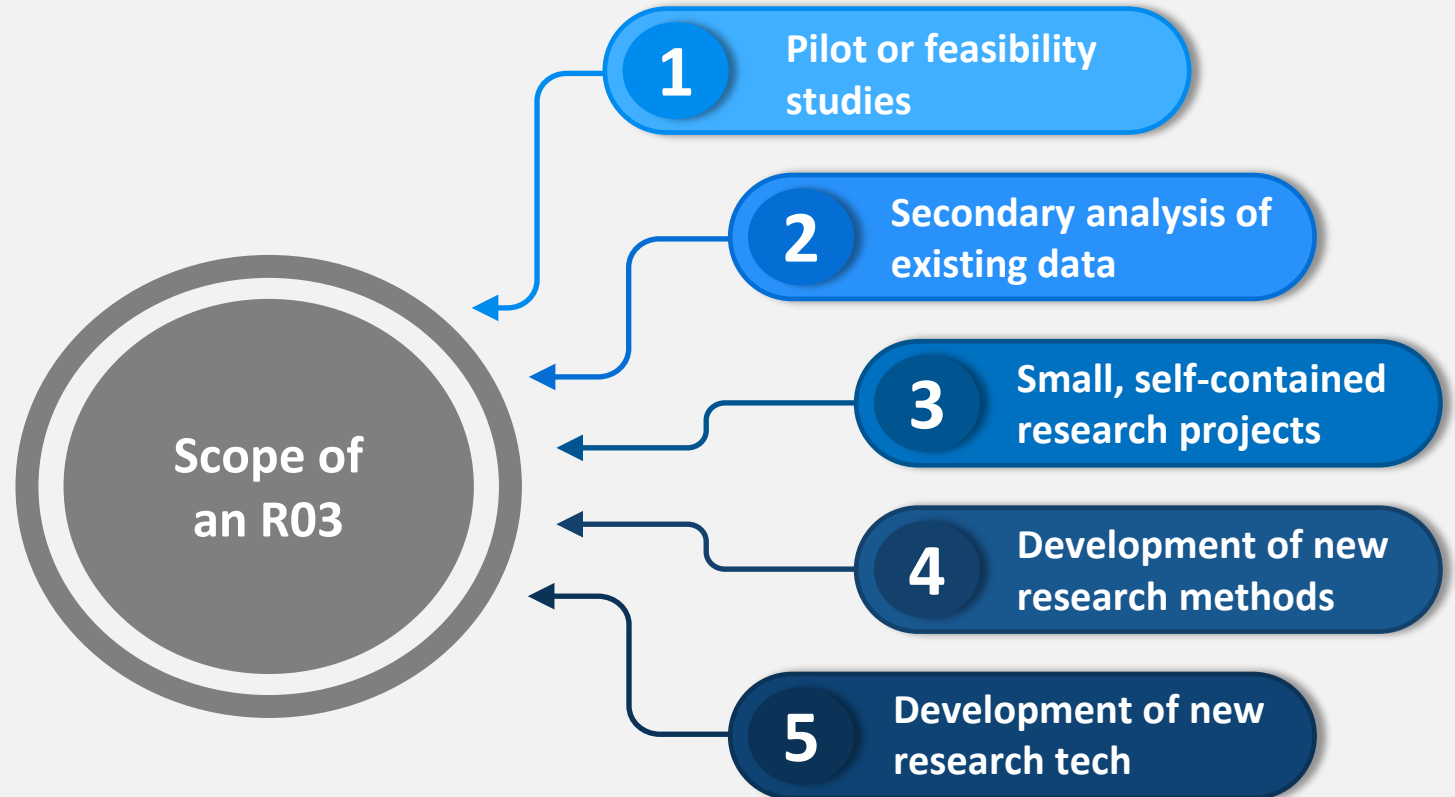
Table View

Detailed View

# Overview of R03 & R15 mechanisms

# What is an R03 grant?

An R03 is a grant for small projects that can be carried out in a limited time and with limited resources





# R03 *at a glance*

Type of Grant	Research Grant
Type of Announcement	Follows Parent Announcement, Program Announcement, or Request for Applications depending on IC
IC participation	24 or 26 ICs (note: not all ICs allow applications through the Parent Announcement)
Required data	No preliminary data required
Clinical trial	Not allowed
Funding/length	2 years, 50 K per year in direct costs per year, 100 K total, non-renewable

# R03: Participating ICs

## Participating in Parent announcement

- National Human Genome Research Institute
- National Institute on Aging
- National Institute on Alcohol Abuse & Alcoholism
- National Institute of Biomedical Imaging and Engineering
- National Institute on Drug Abuse
- National Institute of Environmental Health Sciences
- National Institute of Mental Health
- National Institute on Minority Health & Health Disparities
- National Institute on Neurological Issues & Stroke
- National Institute on Child Health and Development

## Do not Participate in PA (may participate in RFA or Program Announcement )

- Fogarty International Center
- National Center for Advancing Translation Sciences
- National Center for Complementary & Alternative Medicines
- National Cancer Institute
- National Eye Institute
- National Heart Lung, and Blood Institute
- The National Institute of Arthritis & Musculoskeletal & Skin Diseases
- National Institute on Deafness & Other Communication Disorders
- National Institute of Diabetes & Digestive & Kidney Diseases
- National Institute of General Medical Sciences
- National Institute of Nursing Research
- National Library of Medicine
- Office of Research Infrastructure Programs



R03 and R15

# Current Parent Announcement

## Department of Health and Human Services

### Part 1. Overview Information

Participating Organization(s)	National Institutes of Health (NIH)
Components of Participating Organizations	NATIONAL INSTITUTES OF HEALTH (NIH) National Human Genome Research Institute (NHGRI) National Institute on Aging (NIA) National Institute on Alcohol Abuse and Alcoholism (NIAAA) National Institute of Allergy and Infectious Diseases (NIAID) National Institute of Biomedical Imaging and Bioengineering (NIBIB) Eunice Kennedy Shriver National Institute of Child Health and Human Development ( NICHHD ) National Institute on Drug Abuse (NIDA) National Institute of Environmental Health Sciences (NIEHS) National Institute of Mental Health (NIMH) National Institute of Neurological Disorders and Stroke (NINDS)
Funding Opportunity Title	NIH Small Research Grant Program (Parent R03 Clinical Trial Not Allowed)
Activity Code	R03 Small Grant Program
Announcement Type	Reissue of PA-19-052
Related Notices	See Notices of Special Interest associated with this funding opportunity <ul style="list-style-type: none"> <li>April 11, 2024 - Notice to Extend Parent R01/R03/R21 Parent Notices of Funding Opportunities. See notice NOT-OD-24-099</li> <li>March 27, 2023 - Notice to Extend Parent R01/R03/R21 Parent Notices of Funding Opportunities. See notice NOT-OD-23-155</li> <li>NOT-OD-23-010 Reminder: FORMS-H Grant Application Forms and Instructions Must be Used for Due Dates On or After January 25, 2023 - New Grant Application Instructions Now Available</li> <li>NOT-OD-22-150 - Adjustments to NIH and AHRQ Grant Application Due Dates Between September 22 and September 30, 2022</li> <li>October 28, 2021 - Reminder - FORMS-G Grant Application Forms &amp; Instructions Must be Used for Due Dates On or After January 25, 2022 - New Grant Application Instructions Now Available. See Notice NOT-OD-22-018</li> <li>September 13, 2021 - Updates to the Non-Discrimination Legal Requirements for NIH Recipients. See Notice NOT-OD-21-181</li> <li>August 5, 2021 - New NIH "FORMS-G" Grant Application Forms and Instructions Coming for Due Dates on or after January 25, 2022. See Notice NOT-OD-21-189</li> <li>August 5, 2021 - Update: Notification of Upcoming Change in Federal-wide Unique Entity Identifier Requirements. See Notice NOT-OD-21-170</li> <li>April 26, 2021 - Expanding Requirement for eRA Common IDs to All Senior/Key Personnel. See Notice NOT-OD-21-159</li> <li>December 02, 2020 - Notice of NICHHD Participation on PA-20-200. See Notice NOT-HD-20-040</li> <li>October 6, 2020 - Consolidated Notice on NIH Clinical Trials Policies. See Notice NOT-NM-20-155</li> <li>August 26, 2020 - Notice of Correction to Eligibility in NIH Funding Opportunity Announcements. See Notice NOT-OD-20-171</li> </ul>
Funding Opportunity Announcement (FOA) Number	PA-20-200
Companion Funding Opportunity	None
Number of Applications	See Section III. 3. Additional Information on Eligibility
Catalog of Federal Domestic Assistance (CFDA) Number(s)	93.172, 93.995, 92.272, 93.855, 93.853,93.113, 93.286, 93.270, 93.242, 93.995
Funding Opportunity Purpose	The NIH Small Research Grant Program supports small research projects that can be carried out in a short period of time with limited resources. This program supports different types of projects including pilot and feasibility studies; secondary analysis of existing data; small, self-contained research projects; development of research methodology; and development of new research technology. This Funding Opportunity Announcement does not accept applications proposing clinical trials.
Kev Dates	

## PA-20-200: NIH Small Research Grant Program (Parent R03 Clinical Trial Not Allowed)

### Department of Health and Human Services

### Part 1. Overview Information

#### Participating Organization(s)

National Institutes of Health (NIH)

#### Components of Participating Organizations

NATIONAL INSTITUTES OF HEALTH (NIH)  
National Human Genome Research Institute (NHGRI)

National Institute on Aging (NIA)

National Institute on Alcohol Abuse and Alcoholism (NIAAA)

National Institute of Allergy and Infectious Diseases (NIAID)

National Institute of Biomedical Imaging and Bioengineering (NIBIB)

Eunice Kennedy Shriver National Institute of Child Health and Human Development ( NICHHD )

National Institute on Drug Abuse (NIDA)

National Institute of Environmental Health Sciences (NIEHS)

National Institute of Mental Health (NIMH)

National Institute of Neurological Disorders and Stroke (NINDS)

Note: Not all NIH Institutes and Centers (ICs) participate in Parent Announcements. Applicants should carefully note which ICs participate in this announcement and view their respective areas of research interest at the [R03 IC-Specific Scientific Interests](#) and [Contact](#) website. ICs that do not participate in this announcement will not consider applications for funding.

R03 and R15

# PARs, RFAs, and NOSIs for the R03

## NIH Guide for Grants and Contracts | Grants & Funding

Title	Notice Number ⓘ	Issuing Organization ⓘ	Participating Organization(s) ⓘ	Release Date ⓘ	Expiration Date ⓘ	Activity Codes ⓘ
Pilot projects to enhance utility and usage of data sets from the Molecular Transducers of Physical Activity Consortium (MoTrPAC) (R03 Clinical Trials Not allowed)	<a href="#">RFA-RM-24-011</a>	RMOD	N/A	October 23, 2024	December 27, 2024	R03
NCI Small Grants Program for Cancer Research (NCI Omnibus) (R03 Clinical Trial Optional)	<a href="#">PAR-25-078</a>	NCI	N/A	October 18, 2024	January 8, 2026	R03
Imaging - Science Track Award for Research Transition (I/START) (R03 Clinical Trial Optional)	<a href="#">PAR-24-297</a>	NIDA	N/A	September 17, 2024	January 8, 2028	R03
Notice of Special Interest (NOSI): Consequences of Prenatal Fentanyl Exposure	<a href="#">NOT-DA-26-003</a>	NIDA	N/A	September 13, 2024	September 8, 2028	R21, R01, R03
Notice of Special Interest (NOSI): Application of Artificial Intelligence in Treatment Development for Substance Use Disorders	<a href="#">NOT-DA-26-005</a>	NIDA	N/A	September 13, 2024	September 8, 2028	R03, R01, R21
Small Research Grant Program for the Next Generation of Researchers in Low- and Middle-Income Countries (LMICs) for Aging and Alzheimers Disease (AD) and AD-Related Dementias (ADRD) Research (R03 Clinical Trial Not Allowed)	<a href="#">RFA-AG-25-031</a>	NIA	N/A	September 6, 2024	February 15, 2025	R03

# Challenges of the R03

## Perception: simple

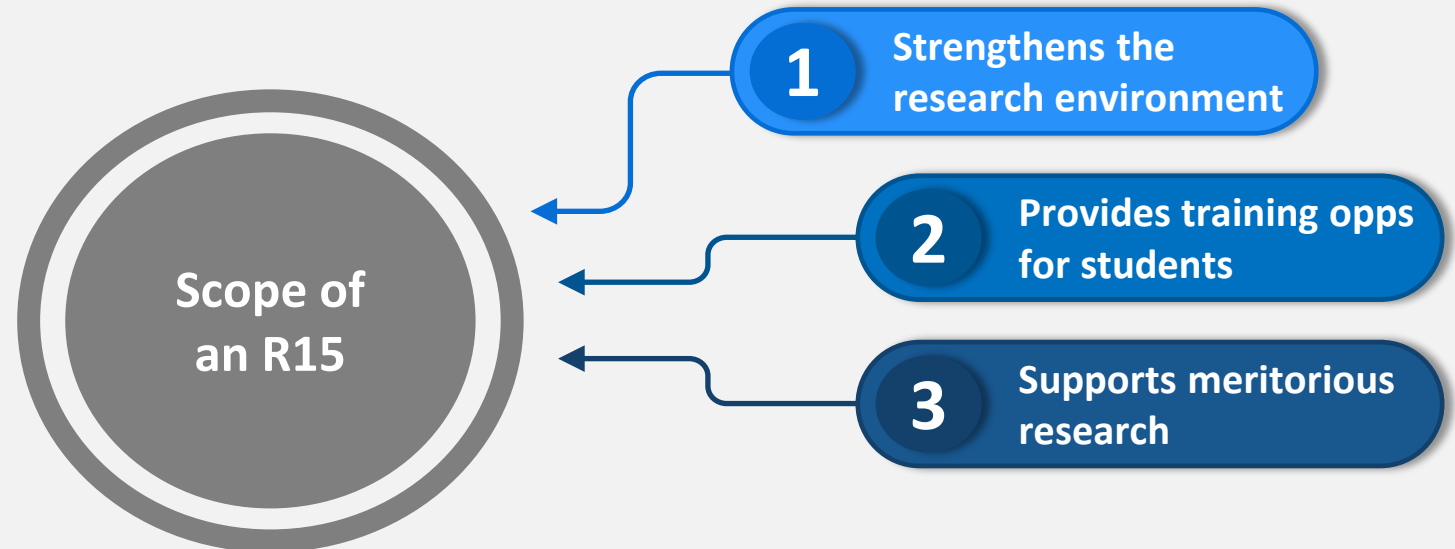
- Short research narrative
- Doesn't require preliminary data
- Small award

## Reality: challenging

- Requires very tight, focused proposal
- May make it difficult to obtain preliminary data
- Non-renewable
- Quite competitive

# Purpose of the R15

An R15 supports small-scale research at institutions with limited NIH funding



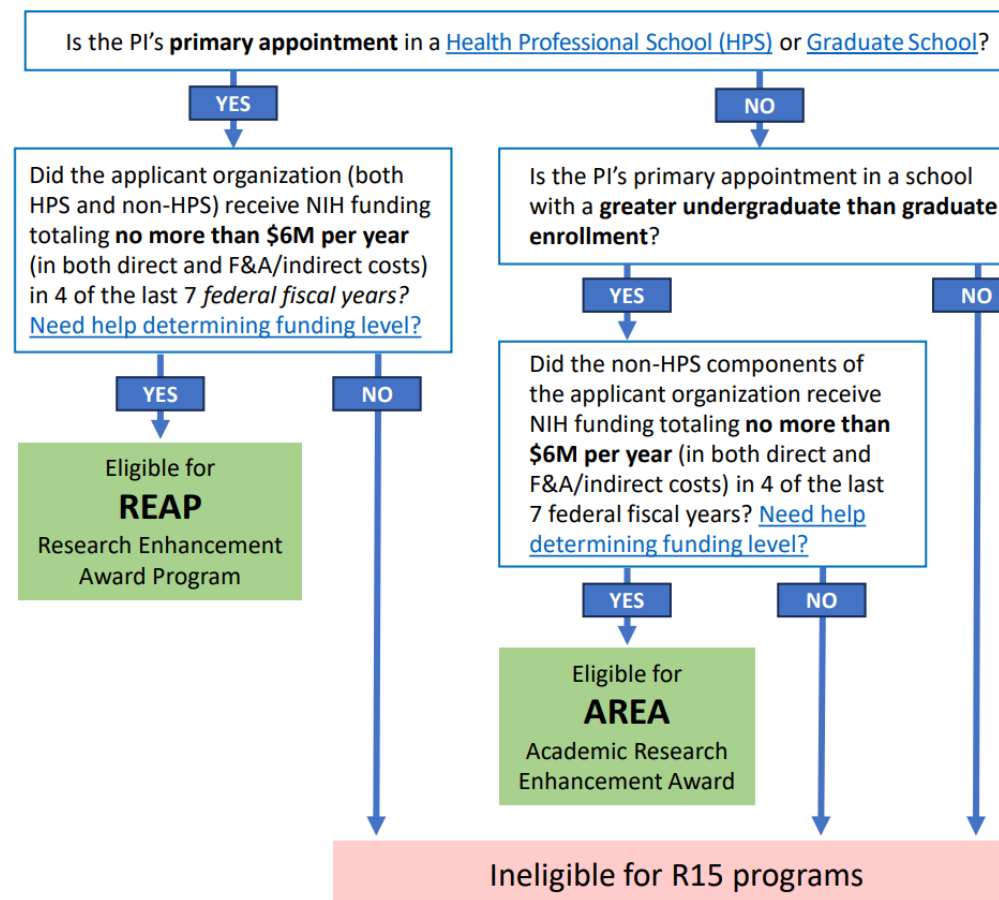
R03 &amp; R15

# Two R15 Mechanisms: AREA & REAP

**Academic Research  
Enhancement Award**  
For undergraduate focused  
institutions

**Research Enhancement  
Award Program**  
For eligible health professionals  
schools and graduate schools

### R15 Eligibility Decision Tree



R03 and R15

# R15 AREA *at a glance*

Type of Grant	Research Grant
Type of Announcement	Program announcement, Request for Applications, NOSI---no parent program announcement
IC participation	25 of 26 ICs participating
Required data	No preliminary data required
Clinical trial	Clinical trial allowed
Funding/length	3 years, 300K in direct costs over the period; is renewable
Eligibility	For schools with greater undergraduate than graduate enrollment; Cannot exceed \$6M (in direct and F&A indirect) from NIH in 4 of last 7 years; requires letter to confirm; all PIs on the grant must be from qualifying institutions



R03 and R15

# R15 REAP *at a glance*

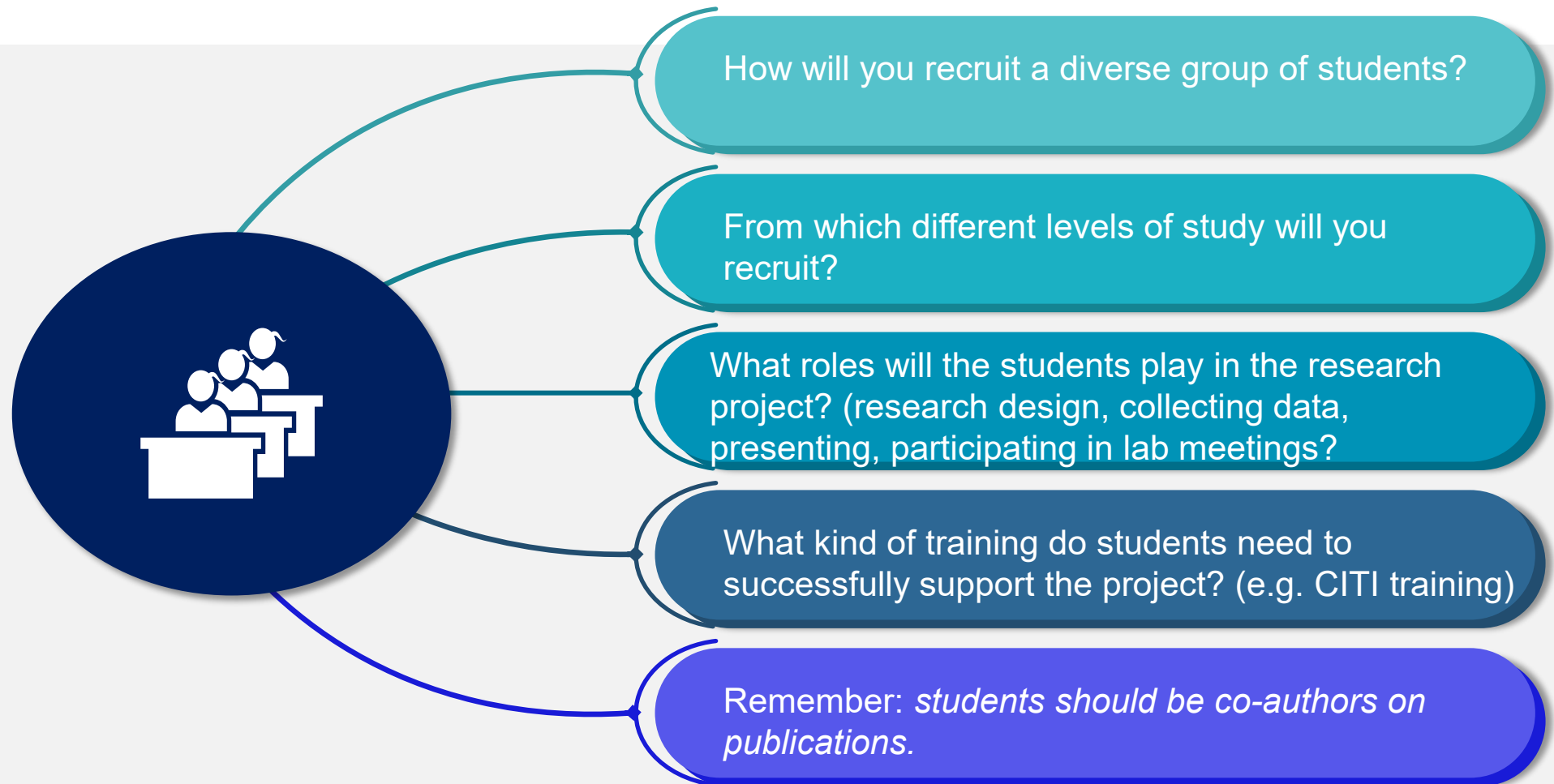
Type of Grant	Research Grant
Type of Announcement	Program announcement, Request for Applications, NOSI---no parent program announcement
IC participation	20 ICs participating
Required data	No preliminary data required
Clinical trial	Yes, depending on NOFO
Funding/length	3 years, 300K in direct costs over the period; is renewable
Eligibility	Eligible institutions must award baccalaureate or advanced science degrees and have received no more than \$6 million dollars per year of NIH support (in both direct and F&A/indirect costs) in 4 of the last 7 fiscal years. <u>For institutions composed of multiple schools and colleges, the \$6 million funding limit is based on the amount of NIH funding received by all the schools and colleges within the institution as a whole.</u>

# How is the R15 different from the R01?

R15	R01
Impact: Publishable, disseminated and important scientific contribution to the research field(s) involved	Impact: A sustained, powerful influence on the research field(s) involved
Scope: Could be limited due to limitations of facilities and personnel	Scope: Broader, could extend across one or multiple fields
Must describe research opportunities for students	Not relevant
Must describe how the award will strengthen the research environment at the institution	Not relevant
Foreign institutions: Not eligible but foreign partners are allowed	Foreign institutions: Non-domestic (non-US) entities and non-domestic (non-US) components of US organizations are eligible



# Crafting a strong training component for the R15



# Plan for student compensation



# Facilities & Resources for R15

01

## Data

*# students who have gone on to doctorates or careers in the biomedical sciences in last 5 years*

02

## Recruiting plans

*Plans to inform undergrads from diverse backgrounds about research opportunities*

03

## Institutional description

*Special characteristics of applicant institution that make it especially well-suited to the AREA*

04

## Impact

*Likely impact of an award on the PI*

05

## Impact

*Likely impact on the institutional environment*

06

## Impact

*Likely impact on ability of undergrads to gain biomedical research experience*

07

## Resources

*Resources of the applicant institution*

08

## Resources

*Resources and access to resources at other institutions where research will be conducted*

# Your extramural funding team & communicating with program officers

# NIH Extramural Funding Staff: Key Team Members

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**Program  
Officer (PO)**

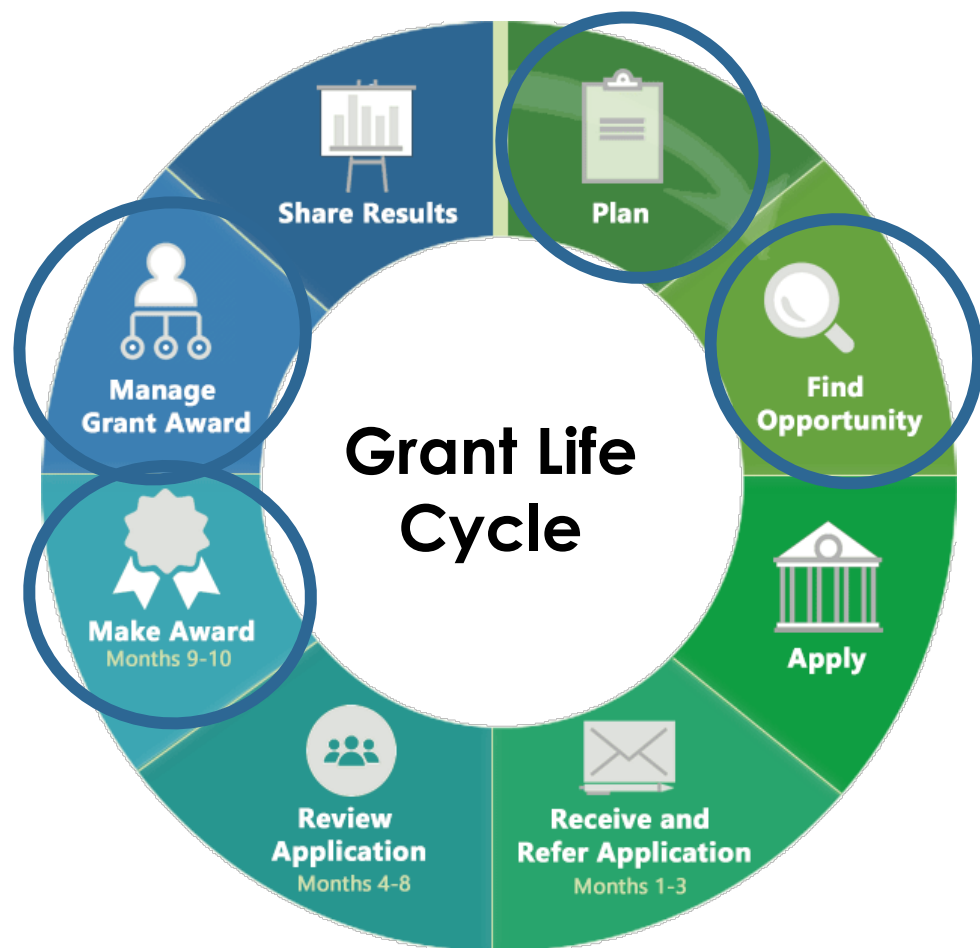


**Scientific  
Review  
Officer (SRO)**



**Grants  
Management  
Officer (GMO)**

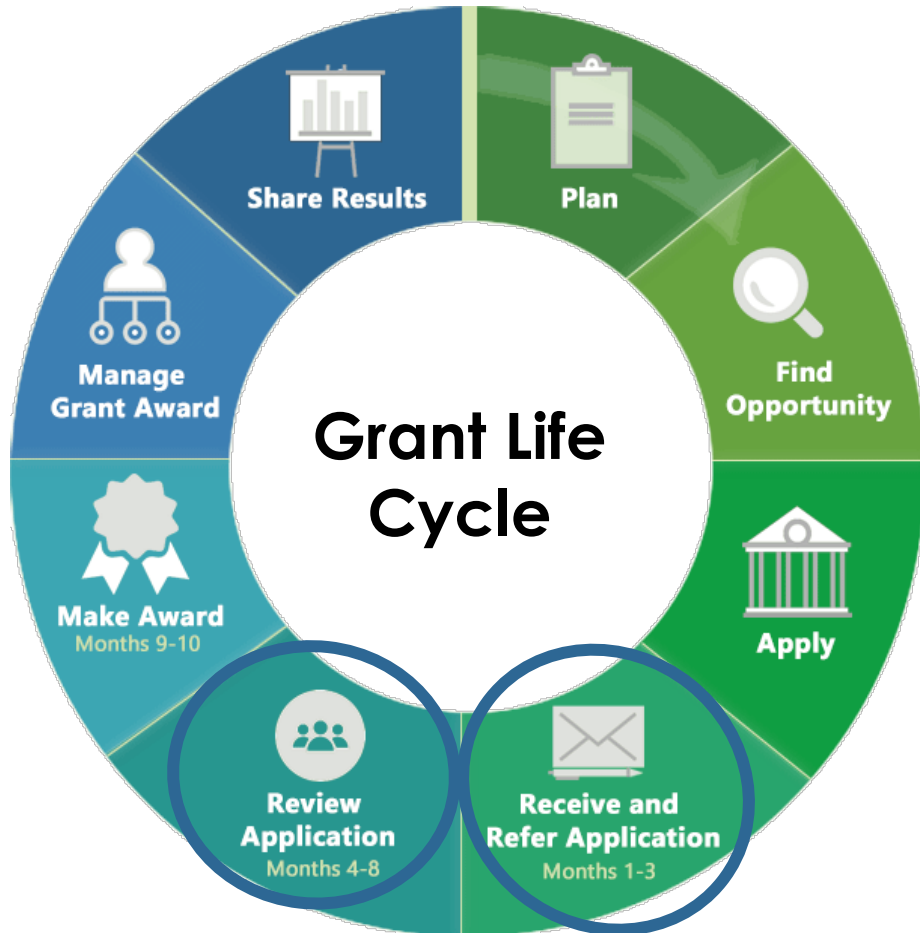
# Roles of the Program Officer



- Scientific portfolio of awards within the mission of an institute
- Initiative development
- Recommends applications to be considered for award to the IC director
- Programmatic, scientific, and/or technical guidance pre- and post-award
- Post-award oversight by monitoring research progress



# Roles of the Scientific Review Officer



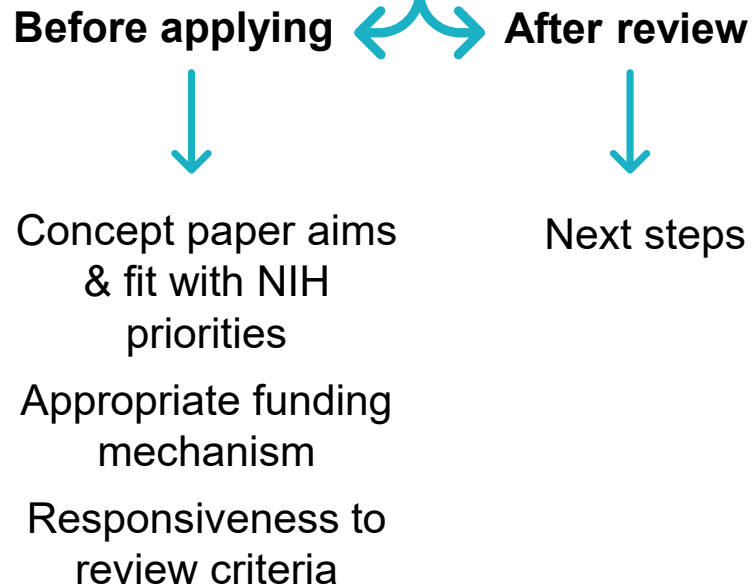
- Recruits reviewers and assigns applications
- Manages the study section meeting and reviewer conflicts
- Prepares summary statements
- Tools to identify SROs:
  - Typically listed in RFAs
  - Center for Scientific Review study sections
  - CSR Assisted Referral Tool (ART)



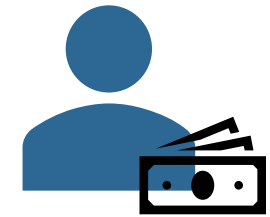
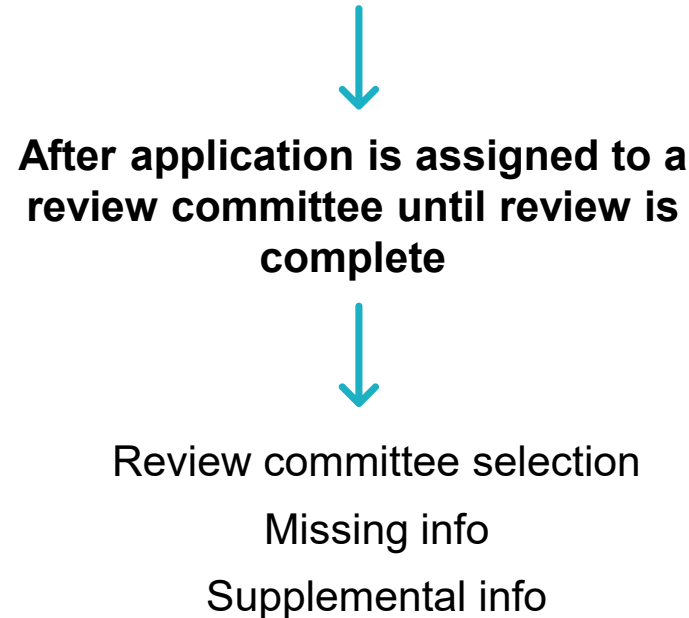
# Need Help? Know Who, When, and What to Ask!



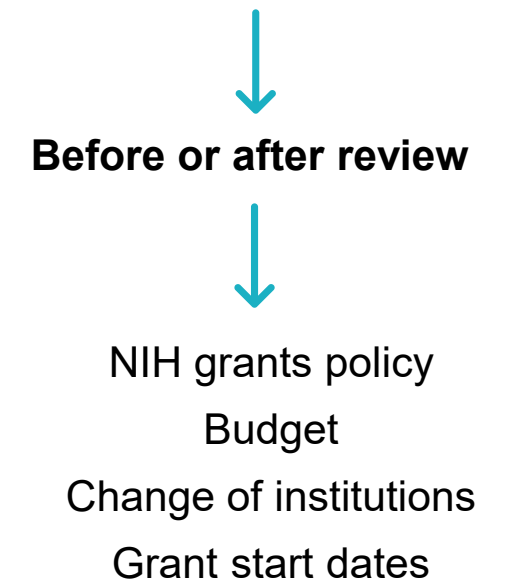
## Program Officer (PO)



## Scientific Review Officer (SRO)



## Grants Management Officer (GMO)



# Basic Components of an NIH Proposal

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# A standard NIH Research Project Grant

“Major Narrative”

Component	Space Limit
Introduction ( <i>only resubmissions</i> )	1 page
Specific Aims	1 page
Research Strategy	6 or 12 pages
References Cited	No limit
Project Summary/Abstract	30 lines
Project Narrative	3 sentences
Facilities & Other Resources	No limit
Biographical Sketches (for each key person)	5 pages, NIH format
Budget & Justification	No limit
Letters of Support (see NOFO)	No limit

Component	Space Limit
Equipment	No limit
Data Management and Sharing (DMS) Plan	2 pages
Resource Sharing Plan	No limit
Authentication of Key Biological/Chemical Resources	1 page
Human study documents (multiple attachments)	N/A
Vertebrate animal protections	No limit

***NOFO instructions always supersede general instructions***

# Writing to the Review Criteria

For due dates *before* Jan 25, 2025

Significance (scored)

Innovation (scored)

Approach (scored)

Investigators (scored)

Environment (scored)

***All considered in overall impact score***



For due dates *on/after* Jan 25, 2025

## Factor 1: Importance of the Research

- Significance, Innovation
- Scored 1-9

## Factor 2: Rigor and Feasibility

- Approach (also includes Inclusion and Clinical Trial Study Timeline)
- Scored 1-9

## Factor 3: Expertise and Resources

- Investigators, Environment
- Either rated as sufficient for the proposed research or not (gaps require explanation); no individual score

## Basic Components of an NIH Proposal

# Application Package Components

Application Component	Factor 1		Factor 2	Factor 3	
	Significance	Innovation	Approach	Investigators	Environment
<i>Abstract</i>	✓	✓	✓		
<i>Project Narrative</i>	✓				
<i>Specific Aims</i>	✓				
<i>Research Strategy</i>	✓	✓	✓		
<i>Biosketch(es)</i>	✓	✓	✓	✓	
<i>Equipment</i>				✓	✓
<i>Facilities &amp; Other Resources</i>					✓

# Budget Questions – Modular or Detailed?

<b>Modular Budget</b>	<b>Detailed Budget</b>
Used in <b>Research Grants</b> or <b>Cooperative Agreements</b>	Used in any NIH Grant; based on total budget/mechanism
Presented in modules of \$25K	Presented in total numbers
Justification includes personnel (name, role, person-months), consortium and additional narrative	Justification is more involved; includes personnel with salary and fringe, equipment, travel, supplies, costs, tuition, services
<b>Budget is limited to \$250K</b>	<b>Must be used when budget exceeds \$250K</b>

# Best Practices for Developing Key Proposal Components



# Optimizing Impact: Focus on Specific Sections

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- Specific Aims
- Research Strategy
- Abstract
- Biosketches



# Specific Aims

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- The Specific Aims page is arguably **the most important** section of your grant application. This is because it:
  - Serves as the “elevator pitch” for your research
  - Is likely the first thing your assigned reviewers will read
  - Is likely one of the two documents that every member of the study section will read (Biosketch is the other)
- Limited to one page – **must be compelling!**

# What makes strong NIH *specific aims*?



## STRONG PREMISE

Designed in response to a pressing need that the NIH cares about.

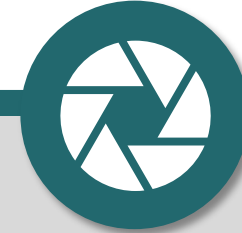
Well-rationalized.



## WELL FOUNDED

Evidence-based and either:

- (1) Hypothesis-driven; or
- (2) Objective-driven



## STABLE

Aims are complementary but ***not dependent upon*** one another

One aim can fail, but not the entire project



## HIGH IMPACT

Each aim has clear expected outcomes that will have a measurable impact on the research program and field



# Specific Aims: Rhetorical Patterns

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- There is no template for a strong Specific Aims page, but there are established **rhetorical patterns** apparent in Specific Aims pages from successful proposals.
- The Specific Aims page should clearly demonstrate to the reviewers:
  - The *importance of the research* and the *critical barrier to progress/gap in knowledge* being addressed
  - That the Aims will *address the stated barrier/gap in knowledge* and *test a central hypothesis*
  - That the *approach is innovative* and the *investigative team is uniquely qualified* to conduct the proposed research
  - That the outcomes of the research will *advance current knowledge*

# Anatomy of a Specific Aims page

## SPECIFIC AIMS

The inhospitable environment within a lysosome-derived vacuole is the preferred growth medium for *Coxiella burnetii*, the etiological agent of human Q fever. The unique ability of *C. burnetii* to thrive in this acidic vacuole that contains noxious cationic peptides, reactive oxygen species, and lysosomal hydrolases is the key to its virulence. However, metabolic pathways critical to the pathogen's intracellular growth are *unknown*, mainly due to the unavailability of appropriate genome-scale approaches. This gap in knowledge is an important problem because it has *hindered* both the understanding of *C. burnetii*'s basic biology and pathogenesis, and the development of better therapies. Long-term combinatorial treatment with doxycycline and hydroxychloroquine ( $\geq 1.5$  years) is the best available option; however, strains resistant to this treatment are prevalent. This select agent is found worldwide and can occasionally cause epidemics; e.g., a recent outbreak in the Netherlands involved ~4,000 human cases and caused the culling of over 50,000 goats (a reservoir).

Our *long-term goal* is to understand the molecular details of *Coxiella*'s distinctive physiology, and to apply this knowledge to developing novel therapeutic strategies. Towards attaining this goal, the *overall objective* of this application is to identify metabolic pathways that are vital to *C. burnetii*'s intracellular growth. Our *central hypothesis* is that *C. burnetii* evolved from a tick-associated ancestor by acquiring critical metabolic genes through horizontal gene transfer (HGT). Our hypothesis was formulated based on our previous work (Smith et al. 2015), which showed that the closest relatives of *C. burnetii* are avirulent bacteria with reduced metabolic capabilities present in ticks. The work by Duron et al. (2015) also supports this hypothesis. Based on these insights, we will use a *novel evolutionary genomics approach that will overcome the current technical difficulties* to identify metabolic processes critical to *C. burnetii*. The proposed research will be *impactful* because once metabolic processes important to *C. burnetii*'s intracellular growth are identified, new pharmacological agents that block these pathways can be developed to treat chronic Q fever more effectively.

To test our central hypothesis, in Specific Aims 1 and 2 we will use two complementary genome-scale approaches to define critical metabolic processes in *C. burnetii*, and in Specific Aim 3, as a proof of principle, we will experimentally validate the importance of heme biosynthesis to *Coxiella*'s physiology.

**1. Identify metabolic pathways that distinguish *C. burnetii* from tick-associated *Coxiella*.** Because *Coxiella* species present in ticks do not replicate within a lysosome-derived vacuole, our *working hypothesis* is that genes critical to *C. burnetii*'s unique intracellular physiology will not be present in tick-associated *Coxiella*. We will sequence the complete genome of *C. burnetii*'s closest known relative—a *Coxiella* species present in the soft tick *Ornithodoros rostratus*, and by comparative genome analyses, we will identify metabolic genes and pathways unique to *C. burnetii*.

**2. Define metabolic pathways that are critical to *C. burnetii*'s intracellular growth.** Superfluous genes are lost from obligate intracellular bacteria such as *C. burnetii*. This is especially true for genes acquired via HGT, which will be retained only if they improve *C. burnetii*'s fitness. Consequently, we *hypothesize* that horizontally derived genes are critical to *C. burnetii*'s physiology. We will utilize phylogenetic approaches to identify HGT-derived metabolic genes among those identified in Aim 1. Using RNA-seq and transposon-insertion libraries, we will validate their importance to *C. burnetii*'s intracellular growth.

**3. Determine the importance of heme biosynthesis to *C. burnetii*'s intracellular growth.** *C. burnetii*'s heme biosynthesis pathway contains HGT-derived genes, and this pathway is not present in *Coxiella* symbionts, and we established that *C. burnetii* could not use external heme. We therefore *hypothesize* that heme biosynthesis is crucial to *C. burnetii*'s intracellular growth and can serve as an example for the efficacy of our novel approach. We will confirm the importance of heme biosynthesis to *Coxiella* by assaying heme production and intracellular growth in wild-type and heme pathway-deficient strains.

At the successful completion of this project, *expected outcomes* include elucidation of the evolutionary history of this enigmatic pathogen, and identification of metabolic pathways that are important to *Coxiella*'s intracellular growth and virulence. Results are expected to have a *positive impact* because it will provide a *useful model for identifying key metabolic* processes in other human pathogens with closely related symbionts such as *Rickettsia* and *Francisella*. Additionally, non-redundant proteins in critical metabolic pathways, e.g. HemA and HemL in heme biosynthesis, are ideal *candidates for developing new anti-Coxiella agents*.

## Introductory paragraph

- Brief background/orientation
- Hook (gap in knowledge)

## Secondary paragraph

- Introduce solution
- Hypotheses/objectives
- Introduce team & prelim work

## Aims/approach

- (Bold) Specific aim titles
- Brief rationale for aim
- Brief description of approach
- (Optional) Brief outcomes

## Final paragraph

- Reiterate innovation
- Summarize outcomes and impact on field

# Common Specific Aims Pitfalls

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- Idea is not original
- Aims are descriptive; no *measurable* outcome
- Aims are not hypothesis-driven
- Aims are not cohesive
- Aims are dependent on each other
- Aims do not present an impact on the field

# Research Strategy: Know the guidelines

- **Page limit:** 6 or 12 pages, depending on the solicitation
- **Research Strategy Sections** (unless specified in the NOFO):
  - ***Significance***
  - ***Innovation***
  - ***Approach***
- Must address all requirements for **rigor & reproducibility**



# Research Strategy Sections

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## A. Significance

- Relevant background
- **Research premise:** *Must address the strengths and weaknesses in the rigor of the prior research that serves as key support*
- Impact

## B. Innovation

- Conceptual
- Technical

## C. Approach

- Introduce team
- Overview of the Approach
- Hypotheses
- Aims: methodology, analyses, outcomes, potential pitfalls
- Overall project timeline and future directions paragraph



# Significance

## Official guidance

*“Explain the importance of the problem or critical barrier to progress that the proposed project addresses. Describe the strengths and weaknesses in the rigor of the prior research (both published and unpublished) that serves as the key support for the proposed project. Explain how the proposed project will improve scientific knowledge, technical capability, and/or clinical practice in one or more broad fields.”*

## Key tips

- Describe *the importance of the problem, gap, or critical barrier to progress* that is addressed in the proposal. **Start broad with the links to human health—incidence, prevalence, impacts, etc.**
- Include a discussion of the *strengths and weaknesses in the rigor of the prior research* that serves as key support for the proposed project. **Cite seminal work, as well as recent findings (yours and others) to frame the premise of the proposed work and hypotheses**
- Explain how the proposed project will *improve scientific knowledge, technical capability, and/or clinical practice* in one or more broad fields. **State the expected outcomes and knowledge that will result from the project**

# Innovation – Example

## Was the Apple Watch novel?

**No.** The first Smartwatches were introduced in the 1990s. The first Apple Watch was released in 2015.

## Is electrocardiography novel?

**No.** Commercial electrocardiography devices were available in the early 1900s.

## Is fall detection novel?

**No.** Medical alert systems were conceived and developed in Germany in the early 1970s.

Apple Watch Series 4 offered **FDA-cleared ECG and fall detection**. The refinement of the existing Smartwatch technology to serve as a medical device is *innovation*.



# Approach – Organizational Strategies

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- A common tactic is to organize the Approach section of the research strategy around the Specific Aims
- **Strong strategies:** Lead off the Approach with a description of the Investigative Team (brief roles and responsibilities). Include a Figure that depicts an overview of the study
- **Be consistent in your organization:**
  - **Use the same subheadings under each Specific Aim.** Common subheadings: Rationale, Methods, Expected Outcomes; Do not forget Potential Pitfalls and Alternative Approaches section!
  - If there are certain sections that apply to all Aims, you can describe before or after the description of each Aim (e.g. statistical analyses or rigor and reproducibility)

# Approach: *Human and/or animal studies*

## Official guidance

“Explain how relevant biological variables, such as sex, are factored into research designs and analyses for studies in vertebrate animals and humans..”

“For trials that randomize groups or deliver interventions, describe how your methods for analysis and sample size are appropriate and your plans for participant assignment and intervention delivery.”

## Key tips

- Clearly describe how “relevant biological variables” will be experimentally included, with strong justification for proposing to study only one type or subset of variables.
- Give enough detail to demonstrate experimental rigor (power calculations, sample sizes, control groups) but **leave the in-depth details for the associated human or animal study attachments and documents.**

# Significance $\neq$ Rigor of Prior Research $\neq$ Rationale

Separate but equally important concepts!

	Significance	Rigor of Prior Research	Rationale
<b>What</b>	A demonstration of the “importance” of the project and how the field, the world, and existing knowledge will be improved or changed if the research is performed.	The strengths and weaknesses in the rigor of prior research that serve as key support for the proposed project	A reason, based on supporting scientific evidence that a particular action is chosen (e.g., one method over another).
	<b>PROSPECTIVE</b>	<b>RETROSPECTIVE</b>	<b>PROSPECTIVE</b>
<b>Where</b>	Aims, Significance, Approach	Significance	Aims, Approach

# Rigor and Reproducibility

- Rigor of Prior Research (*scientific premise*)
- Rigor of the Proposed Research (*experimental design*)
- Consideration of Relevant Biological Variables
- Authentication of Key Biological and/or Chemical Resources

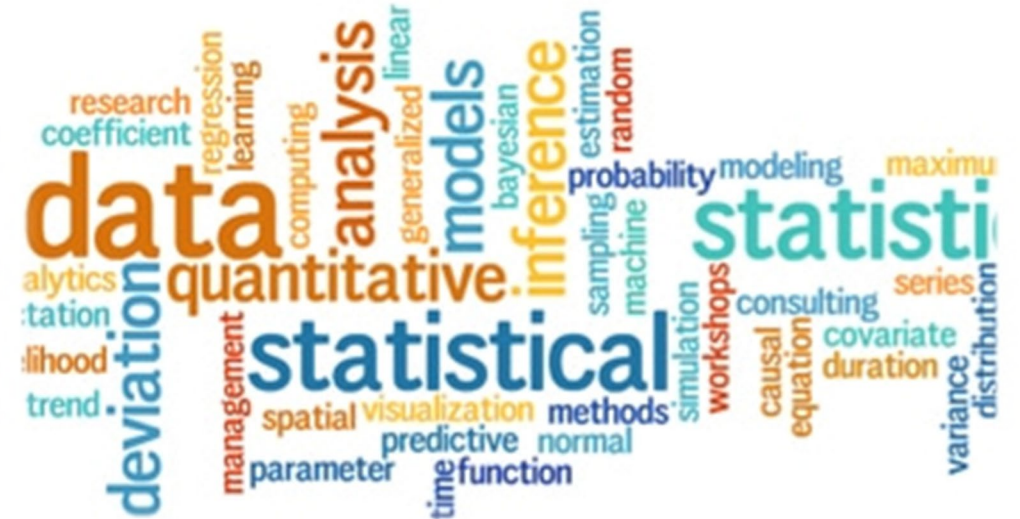
The collage features several key elements:
 

- Top Left:** A diagram of a laboratory rack with test tubes, some containing red liquid, with a small figure of a person at the bottom.
- Top Right:** An illustration of a balance scale. The left pan is heavy with many small figures, while the right pan is light with only one small figure.
- Middle Left:** A snippet from a news article titled "NIH plans to reproduce" by Francis S. Collins and Lawrence A. Tabak, discussing the NIH's efforts to restore the scientific process.
- Middle Right:** A snippet titled "Balance sex in cell animal studies" discussing the importance of including both males and females in preclinical research.
- Bottom Center:** An illustration of a hand holding a red tag labeled "REPRO" over several petri dishes containing cell cultures.
- Bottom Left:** A snippet titled "Fixing problems with cell lines" discussing the challenges of maintaining authentic cell lines in research.

# Rigor of the Prior AND Current Research

When discussing the *strengths and/or weaknesses in the rigor of the prior research* as well as demonstrating the rigor of the proposed research, consider elements of rigor including:


- Sample sizes
- Control groups
- Power calculations
- Technical and Biological Replicates
- Measures to control bias
- Statistical analyses
- Relevant biological variables



# Rigor and Reproducibility: Where Does It Go?

	Rigor of Prior Research	Rigor of the Proposed Research	Relevant Biological Variables	Authentication of Key Resources
<b>Where to address?</b>	Significance & Approach	Approach	Approach	Attachment
<b>Scored?</b>	Yes- both	Yes	Yes	No, but....



This will be very important when the review criteria shift to the new format! 



# Preliminary Data: *Where Does It Go?*

## Official guidance

Include information on preliminary studies. Discuss the preliminary studies, data, and or experience pertinent to the application.

Requirement as to *where* to present the preliminary data: **NONE**

## Key tips

- Unless prohibited, preliminary data should always be included, *even for activity codes that claim preliminary data is not needed*
- General guidance: ***Put your best cards forward!***
  - If preliminary data serves as **key support** for the concepts underlying the proposed research, present the preliminary data in the **Significance section**.
  - If preliminary data demonstrates the **feasibility** of an analytical approach, present the preliminary data in the **Approach section**.

# Abstract

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- Limited to 30 lines
- Concisely describes project
- Provides importance and relevance of the project
- Briefly describes approach
- *Does not contain jargon* and can be understood by a non-scientific audience

# Structure of Abstract

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**Background:** First sentence should provide background on the problem, not the disease.

**Problem Statement:** Where is the field lacking knowledge?

**Preliminary Data:** What have you done to address the problem to date?

**Objective:** Provide overall hypothesis or objective of project

**Aims:** How do you plan to test the hypothesis/achieve the objective?

**Significance:** If successful, how will this move the field forward/ provide new knowledge?

# Biosketches

For the R15, be sure to discuss your mentorship experience

- Each Biosketch should be specific to the application being submitted!
- Current format NIH for Biosketches (5-page limit):
  - **Section A: Personal Statement** that describes why you are well-suited for your role(s) in the project, including your training, prior experience, research, etc.
    - You may cite up to four publications or research products that highlight your experience and qualifications for the project after the Personal Statement
  - **Section B: Positions, Scientific Appointments and Honors**
  - **Section C: Contributions to science**
    - Each of these sections are allowed 4 “research products”. Junior faculty likely will only highlight 2-3 major contributions.
- A URL is allowed for reviewers to see all your publications.



[SciENcv](#) is a tool you can use to develop and automatically format your Biosketch according to NIH requirements

# Figures – Best Practices

Be judicious with Figures and make sure Figure captions are readable!

Use Figures to show data that supports key concepts underlying your study

An Overview Figure at the beginning of the Approach section can be used to provide a snapshot of the full study

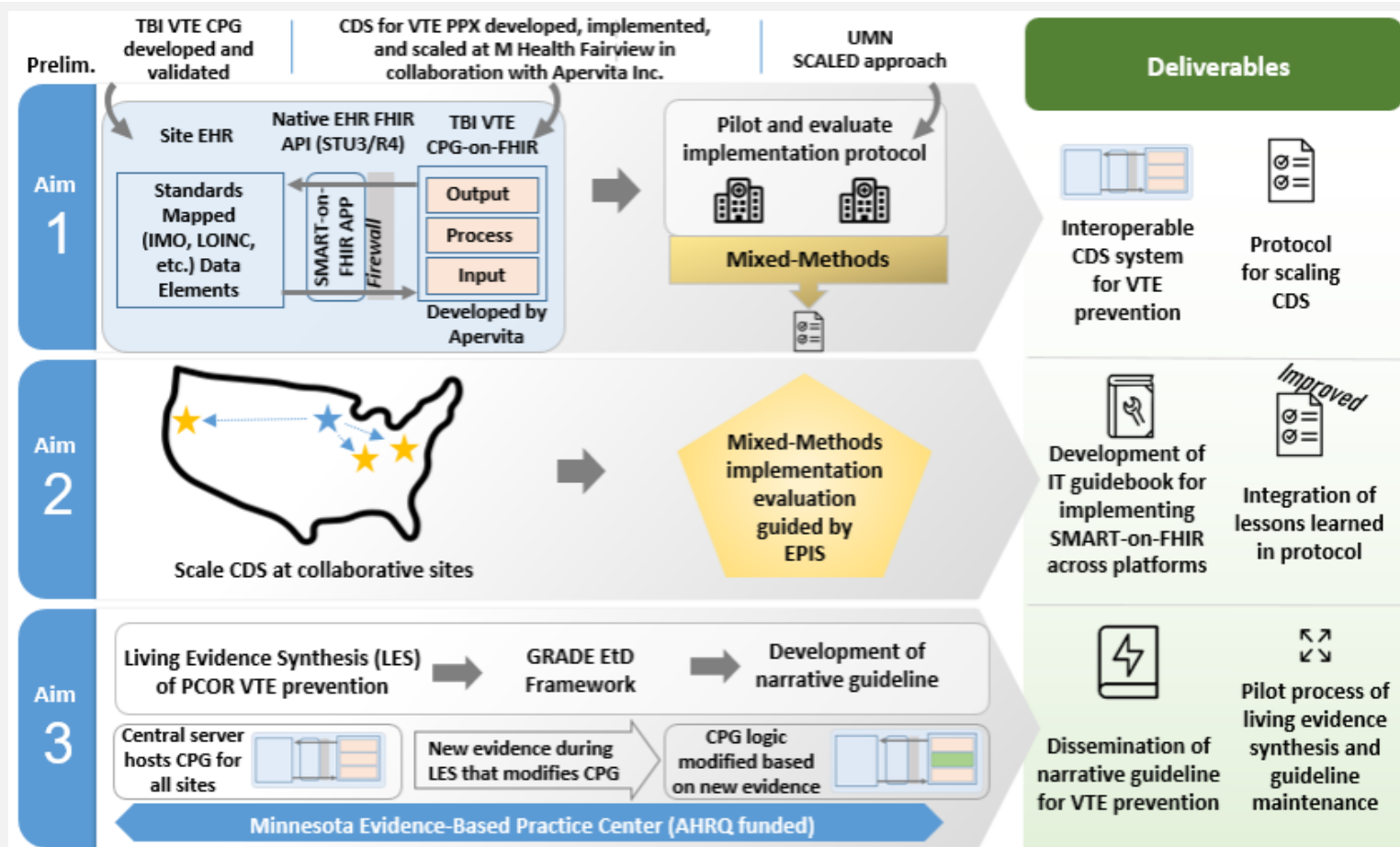


Figure 3. Study Overview

# General Advice

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- Use the tools available to you (Matchmaker, RePORTER, etc.)
- Keep up on publications
- Study successful grant applications
- Engage with your program officer
- Make life easy for your reviewers
  - Leave white space, concise writing, proofread, write for a broad audience

# Panel discussion

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# Today's panelists



Mike Gawrysiak, Ph.D.  
Asst. Prof. of Psychology



Liz Grillo, Ph.D. CCC-SLP,  
CHSE, EMT  
Prof. of Communication  
Sciences & Disorders



Kristen Breit, Ph.D.  
Asst. Prof. of Biopsychology



# Panel questions

1. Tell us briefly about the research you proposed to NIH, how it aligned with your IC's mission, and a bit about the significance and innovation of your work.
2. R15s do not require preliminary data, but many applicants include it—did you have preliminary data?
3. Tell us about how you recruited a diverse group of students and involved students in your research? What kind of roles did students play in the research?
4. How did you address your mentoring experience in your application?
5. Did you connect to your program officer or another mentor during the writing process?
6. Tell us about your timeline? How long did your proposal production process take from conception to submission?

# Resources

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# Resources: Tools

- **RePORTER**  
<https://reporter.nih.gov/>
- **Matchmaker**  
<https://reporter.nih.gov/matchmaker>
- **Annotated NOFO:**  
[https://grants.nih.gov/grants/Annotated\\_FOA.pdf](https://grants.nih.gov/grants/Annotated_FOA.pdf)

# Resources: Application Process

- **Grants Process Overview**  
[https://grants.nih.gov/grants/grants\\_process.htm](https://grants.nih.gov/grants/grants_process.htm)
- **How to Submit Track and View Your Application**  
<https://grants.nih.gov/grants/how-to-apply-application-guide/submission-process/submit-track-view.htm>
- <https://public.csr.nih.gov/ForApplicants/SubmissionAndAssignment>
- <https://public.csr.nih.gov/ForApplicants/InitialReviewResultsAndAppeals>
- **Pre-Award and Award**  
<https://grants.nih.gov/grants/pre-award-process.htm>
- <https://grants.nih.gov/grants/post-award-monitoring-and-reporting.htm>

# Resources: Application Preparation

- **How to Apply – Application Guide**  
<https://grants.nih.gov/grants/how-to-apply-application-guide.htm>
- **Submission Options**  
<https://grants.nih.gov/grants/how-to-apply-application-guide/prepare-to-apply-and-register/submission-options.htm>
- **Write Your Application**  
<https://grants.nih.gov/grants/how-to-apply-application-guide/format-and-write/write-your-application.htm>
- <https://grants.nih.gov/grants/how-to-apply-application-guide/due-dates-and-submission-policies/due-dates.htm>

# Resources: Funding Opportunities & Programs

- **Understand Funding Opportunity Announcements**  
<https://grants.nih.gov/grants/how-to-apply-application-guide/prepare-to-apply-and-register/understand-funding-opportunities.htm>
- **NIH Guide for Grants & Contracts**  
<https://grants.nih.gov/searchGuide/>
- **Grants.gov Search Grants**  
<https://www.grants.gov/web/grants/search-grants.html>
- **Types of Grant Programs**  
[https://grants.nih.gov/Grants/funding/funding\\_program.htm](https://grants.nih.gov/Grants/funding/funding_program.htm)



## Resources: General

- **NIH Grants and Funding**  
<https://grants.nih.gov/grants/oer.htm>
- **NIH Grants Policy Statement**  
<https://grants.nih.gov/policy/nihgps/index.htm>