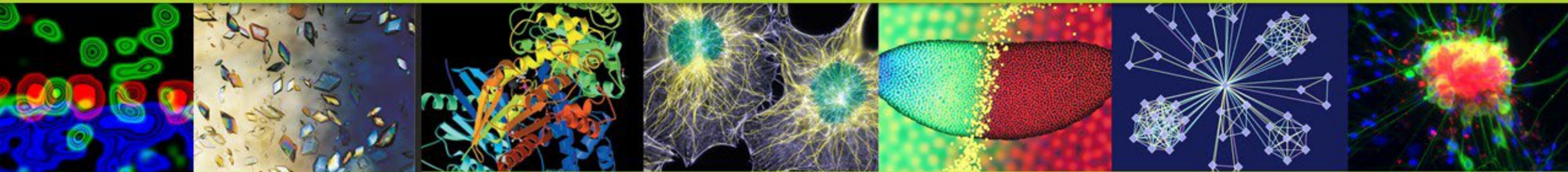


# Support of Data Sciences and Women's Health Research in IDeA States through COBRE

November 16, 2022  
1:00 – 2:30 PM



# NIGMS Staff Participation

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- **Fed Bernal**, Program Officer and COBRE Phase 2 Lead
- **Raphael Isokpehi**, Office of Data Science Strategy
- **Regine Douthard**, Office of Research in Women's Health

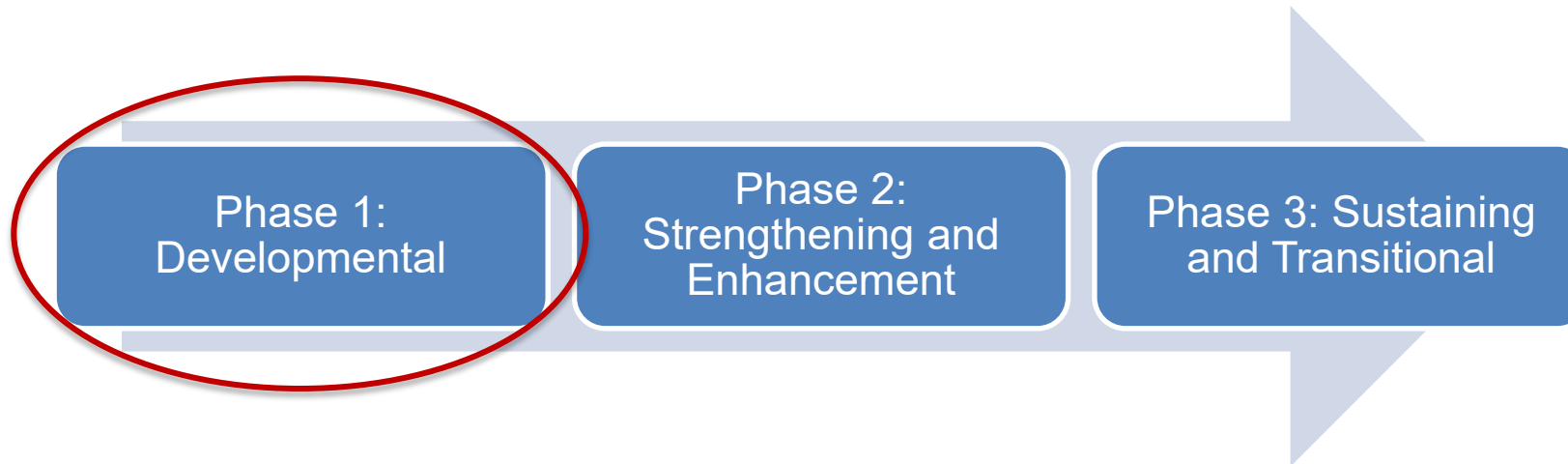
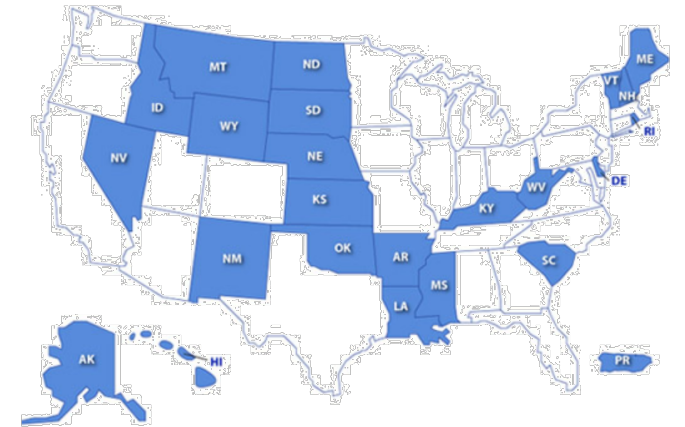
**Q&A via Chat Window, moderated by Michele McGuirl**

# Overview of IDeA COBRE Program

**IDeA Program:** Build research capacity in states and territories with lower levels of NIH funding

## Centers of Biomedical Research Excellence (COBRE)

- Support a broadly themed research center
- 3 sequential phases, 5 years each – no “Phase 4s”
- [IDeA Dashboard](#) tracks all funded awards



# COBRE - Phase 1 (P20 Clinical Trial Optional)

## PAR-22-250

**due date: January 30, 2023**

Due Date	Scientific Merit Review	Advisory Council Review	Earliest Start Date
January 30, 2023	July 2023	October 2023	December 2023
January 30, 2024	July 2024	October 2024	December 2024
January 30, 2025	July 2025	October 2025	December 2025

# COBRE Phase 1: Program Objectives

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## **Establish a center of excellence to build research capacity in an area of biomedical research**

- Develop a critical mass of investigators who can compete effectively for external research funding
  - Must propose 3 – 5 Research Project Leaders (RPLs); Pilot Projects are optional
  - Provide project leaders with career development and scientific mentoring
- Center's scientific area must align with the institution's strategic plan
- **Key Measure of COBRE Success:** RPL graduation with pubs and independent funding

## **Improve institutional infrastructure for the research area at the applicant institution**

- Establish Research Cores (or improve existing facilities) to support the work of the Research Projects
- Up to \$300K in Alterations and Renovations is allowed in Year 1

# Institutional Eligibility

- **IDeA institutions** that award doctoral science degrees or are independent biomedical research institutes/medical centers with externally funded research programs
- **Only one application per institution is allowed each cycle**
- At the time of submission:
  - **Hold  $\leq 2$  active COBRE Phase 1 and/or Phase 2 awards** (includes no-cost extensions)
  - **Have  $\leq 5$  active research projects and/or cores via subcontracts** from COBRE 1s & 2s from other institutions (includes no-cost extensions)
- **Low programmatic priority:** if the scientific area is closely related to an institution's prior COBRE award or if the institution already has a critical mass of funded investigators

# COBRE 1 Application Components

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## REQUIRED

- Overall Section – 12 pages
- Administrative Core – 12 pages
- 3-5 Research Projects – each RP gets 1 page for its Specific Aims and 6 pages for its Research Strategy

## OPTIONAL

- Research Cores – 6 pages each
- Alterations and Renovations – 6 pages

*Please read the entire FOA [PAR-22-250](#) for complete details. COBRE Phase 1 pre-application [webinar](#) and [slides](#) are available online on the [COBRE website](#).*

# Notices of Special Interest for COBRE Phase 1

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- Two Notices of Special Interest (NOSIs) have been published to support **new** COBRE Phase 1 applications
- NOSIs address two important aspects of the [NIH-Wide Strategic Plan](#).
  - Leveraging Data Science for Biomedical Discovery –to modernize and integrate the NIH-funded biomedical data ecosystem
  - Enhancing Women’s Health –to build foundational knowledge, accelerate translational research, and enable women to receive evidence-based interventions specific to their needs

## [NOT-GM-23-011](#)

**Supporting Data Sciences Research in the IDeA States through the COBRE Phase 1 Program**

## [NOT-GM-23-012](#)

**Supporting Women’s Health Research in the IDeA States through the COBRE Phase 1 Program**



# Supporting Data Sciences Research in the IDeA States

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- [Office of Data Science Strategy](#) (ODSS) leads the implementation of the [NIH Strategic Plan for Data Science](#) --intends to support one COBRE award
- Goal: To foster innovative approaches to work with large research datasets and develop a talented and diverse data science workforce
- Broadly themed in multiple areas of data science, including bioinformatics, cloud computing, predictive analytics, machine learning, deep learning, artificial intelligence, and virtual reality technologies
- Proposed Center must address one or more of the five goals of the NIH Strategic Plan for Data Science and adhere to FAIR principles.
- Scientific Contact: Dr. Raphael Isokpehi, ODSS

# Supporting Women's Health Research in the IDeA States

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- [Office of Research on Women's Health](#) (ORWH) leads the implementation of the [Trans-NIH Strategic Plan for Women's Health Research](#) --intends to support one COBRE award
- Goal: To enable innovative research relevant to the health of women and to address emerging women's health issues of public importance
- Broadly themed in multiple areas of women's health issues across the lifespan that address the biological, behavioral, environmental, and sociocultural factors that affect women's health and reduce health disparities
- Proposed Center must address one of the strategic goals of the Trans-NIH Strategic Plan for Women's Health Research
- Scientific Contact: Dr. Regine Douthard, ORWH

# Application Process

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- Apply to the COBRE Phase 1 FOA [PAR-22-250](#).
  - All applications must be in full compliance with COBRE Phase 1 policies and requirements (i.e., only one application per institution, number of active COBRE 1/2 at institution may not exceed 3, etc.)
- NOSI applies to the due dates in 2023, 2024, and 2025.
- Indicate the NOSI in the Agency Routing Identifier field of the SF424 R&R
  - NOT-GM-23-011 –Data Sciences Research
  - NOT-GM-23-012 –Women’s Health Research
- Applications to these NOSIs also receive full consideration for funding by NIGMS

# Thank you!

Please enter your questions into the chat box.

