



Leveraging GRANTED for Expanded Capacity Building

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What do we hope you will take away from this session:

- Consider the range of capacity building possibilities
- Understand the breadth of the GRANTED opportunity
- What is seen as competitive and positive by reviewers for GRANTED proposals
- How to figure out when to approach GRANTED or/and E-CORE for your funding needs

Jurisdictional Capacity Building



Investigators want the best environment possible to be competitive for resources to build and enhance their research and training programs

Institutions want to support research and innovation, train and mentor students, recruit and retain excellent faculty, and possess reputations of excellence and opportunity

Jurisdictions include institutions, organizations, companies, communities, networks, other partners, etc. with opportunities to partner and leverage strengths to bridge gaps and extend resources more broadly

What are the **opportunities** that enable the assets and interests to come together to design and build a vibrant, economically viable, discovery and innovation rich jurisdiction? (E-CORE solicitation might do this better)

ANSWER:

It's not one opportunity and its not one person/team/institution/other entity to lead this work

Jurisdictional Capacity Building



At NSF, we use terms like capacity, capability, competitiveness to acknowledge that we can and should invest in activities to develop abilities to perform research effectively, efficiently, inclusively and in a sustainable manner

- There is tremendous breadth available within these concepts
- There are many ways to approach developing, growing, sustaining and scaling

Capacity Building according E-CORE:

capacity building supported by E-CORE RII may include (but is not limited to) development, enhancement, and/or sustainability of:

- jurisdiction-wide research administration; (also GRANTED aligned)
- research facilities;
- higher education pathways;
- STEM education (K-16) pathways;
- broadening participation; (possible to be GRANTED aligned)
- workforce development; (possible to be GRANTED aligned)
- national and global partnerships; (possible to be GRANTED aligned)
- community engagement and outreach;
- economic development and use-inspired research; and/or (possible to be GRANTED aligned)
- early career research trainee pathways.

Acknowledging Significant Challenges....



- Federal funding is not distributed equitably or broadly across the national research enterprise
- Varied institutional/jurisdictional access to research support and sponsored project management resources
- Investment in research support and sponsored project management resources does not match investigator need, expectations, and/or institutional mission
- Diverse work environments contribute to disparities in hiring and attrition rates for research support staff
- Access to professional society training and networks is not equitable for research support staff

NSF GRANTED – What is its focus?



“A strong national research enterprise relies on more than funding for the research itself.” NSF PD 23-221Y

- research development
- research administration
- technology transfer and commercialization
- corporate relations/public-private partnerships
- research integrity, compliance, and security
- research policy
- infrastructure to support of student research
- research leadership



The GRANTED Funding Opportunity



Program Description – PD 23-221Y

- <https://new.nsf.gov/funding/initiatives/broadening-participation/granted>
- Ideas that *over time* will increase access, catalyze national transformation, and address systemic equity and diversity issues in the research enterprise
- Ideas and approaches that can be translated to new/different contexts, institutions, jurisdictions, regions
- Projects must be fully developed and described within the project description

Not NSF "business as usual"



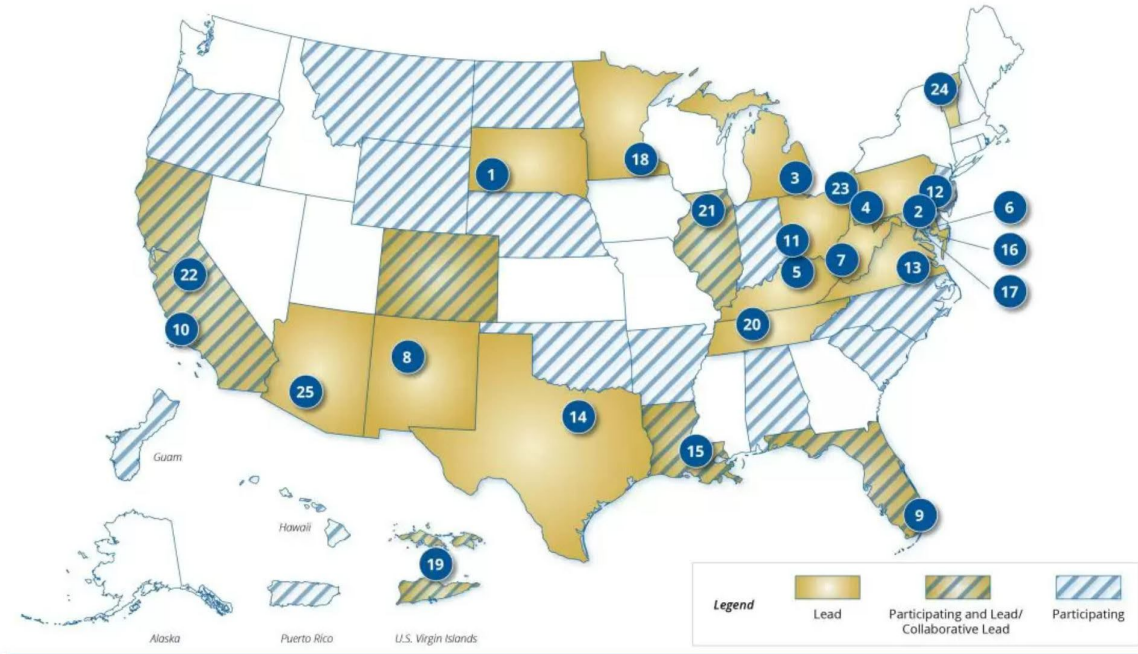
Program Description – PD 23-221Y

- Not a limited submission
- No deadline
- No budget floor, no budget cap
- Project terms should be no more than 5 years
- Does not restrict or discourage **any** higher education institution or non-profit organization from participating; NSF general eligibility applies
- Does not fund disciplinary research, graduate student training*, faculty training, or the offering of grant writing workshops for investigators*

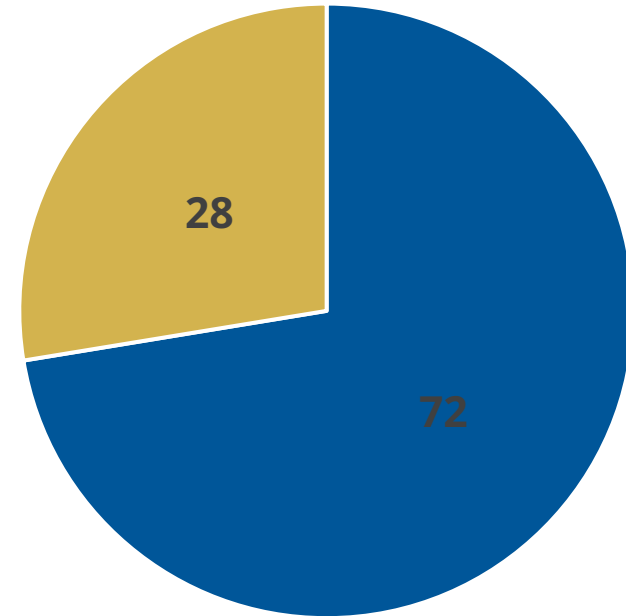
* there are some exceptions

NSF GRANTED Convenings

FY 2023



% Awards Made to Institutions in EPSCoR vs. Non-EPSCoR States



■ Non-EPSCoR State ■ EPSCoR State Awards

- | | | |
|--|---|---|
| 1. South Dakota State University
2324648 | 10. University of California, Santa Barbara
2324325 | 19. University of the Virgin Islands
2324608 |
| 2. University of Maryland Baltimore County
2324412 | 11. University of Cincinnati
2324585 | 20. Vanderbilt University
2324559 |
| 3. Lawrence Technical University
2324590 | 12. Bryn Mawr College
2324517 | 21. Northern Illinois University
2324594 |
| 4. University of Pittsburgh of the Commonwealth of Higher Education
2324360 | 13. Virginia Commonwealth University
2324405 | 22. State Center Community College District
2324502 |
| 5. The University of Kentucky Research Foundation
2324388 | 14. Tarleton State University
2324640 | 23. John Carroll University
2324552 |
| 6. Association of Public and Land-Grant Universities
2324469 | 15. Southern University and A&M College
2324666 | 24. University of Vermont & State Agricultural College
2324457 |
| 7. West Virginia Higher Education Policy Commission
2323953 | 16. Quality Education for Minorities Network (INC)
2324390 | 25. Arizona State University
2324589 |
| 8. The University of New Mexico
2324239 | 17. The American Association of Geographers
2324401 | |
| 9. Nova Southeastern University, Inc.
2324520 | 18. Carleton College
2324524 | |

GRANTED Convening Outcomes



Convening Outcomes:

University of Kentucky (2324388) - Framework for building national research analytics consortium;

University of New Mexico (2324239) - Framework for building regional research development activities;

Alabama A&M (2324469) – Understanding the chief research officer role and how to develop and recruit effective and successful research leaders;

West Virginia Science and Research (2323953) – Identifying solutions to research capacity challenges across the state

Reducing Systemic Barriers and Expanding Capacity



\$2.4 M to support 25 conference and workshops

Significant awards to date:

\$14M to support research enterprise coordination across multiple HBCUs in Atlanta, GA

\$9.2M to expand research development support within MSIs and HBCUs across the nation

\$8.5M to provide provide holistic support for research grant administration to HBCUs and ERIs in an EPSCoR jurisdiction

\$3.7M to build a shared regional workforce through a cross-institutional internship model in an EPSCoR jurisdiction

\$2M to support research capacity building institutes for HSIs

\$1.7M to expand knowledge of research support within Primarily Undergraduate Institutions (PUIs)



GRANTED Example Award: KCV EDGE



- Kentucky Science and Technology Foundation
- \$8.2 million
- Model: providing coordinated, holistic support for grant proposal writing, administration/compliance, technology commercialization, and leadership development for institutional partners
- Initial Partners:
 - Kentucky State University (HBCU)
 - Northern Kentucky (Doctoral/Professional)
 - Morehead State University (PUI)
- Eastern and Western Kentucky, Murray State and KY Tech and Community College

Ideas for GRANTED



- Strengthening the Nation's Research Enterprise is the **goal**
- Gains within PUIs, ERIs and MSIs is a **goal**
- National Transformation of the Research Enterprise is the **Broader Impact**

- **Workforce Development** of research enterprise staff and functions
- **Hiring** research enterprise staff
- **Research** on the research enterprise
- **Evaluating** existing programs and **scaling** of effective programs
- **Institutional capacity for Broader Impacts development**
- **Research leadership** development
- **Knowledge management** and sharing systems for research enterprise content
- **So many other ideas!**

It starts with an idea! It often involves collaboration/communication

Need and rationale
Activities to address the need
Model that benefits others
Metrics for success
Dissemination
Sustainability

Planning Grant Proposal Concept Outline



Instructions are in the PAPPG: <https://new.nsf.gov/policies/pappg/24-1/ch-2-proposal-preparation#f-other-types-of-proposals-3d9>

Big picture view of the idea for the full proposal

Description of the planning grant activities and how they will contribute to the preparation for a full proposal

Intellectual Merit and Broader Impacts

Planning Proposals



Instructions are in the PAPPG: <https://new.nsf.gov/policies/pappg/24-1/ch-2-proposal-preparation#f-other-types-of-proposals-3d9>

No more than 8 pages

Overview

Rationale, implementation and outcomes of planning grant activities

Timeline, the PI team, Metrics for success

Intellectual Merit and Broader Impacts of the Planning Grant Activities and their potential to lead to a Full Proposal

Submit through Research.gov to PD 23-221Y

ECORE

*Transform Jurisdictional
Research Ecosystem*

Research Administration

Facilities

STEM Education

Workforce Development

Community Engagement

National and Global
Partnerships

GRANTED

*Transform National
Research Enterprise*

Research Support and Service
Ecosystem

Practices and Policies

Human Capital

Translating Effective Practices

Research on Research Enterprise

Addressing Systemic Barriers

Planning Proposals

Transform Ideas into Proposals

NSF GRANTED

Growing Research Access for Nationally Transformative Equity and Diversity

<https://new.nsf.gov/funding/initiatives/broadening-participation/granted>



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Office Hours:
Wednesdays, 3-4pm ET



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