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From: Faculty Research Development Office
Office of the Vice President for Research

Subject: Limited Competition: NSF: Inclusion across the Nation of Communities of Learners of Underrepresented Discoverers in Engineering and Science (NSF INCLUDES) Alliances NSF 20-569

Date: March 8, 2020

UNM Researchers,

The Office of the Vice President for Research is requesting preproposals for the Limited Competition: NSF Inclusion across the Nation of Communities of Learners of Underrepresented Discoverers in Engineering and Science (NSF INCLUDES) Alliances Program. Please distribute this notice to departments and individuals whom you believe would be interested.

NSF INCLUDES Alliances build the infrastructure necessary to foster collaboration and broaden participation in STEM by emphasizing the following five design elements of collaborative infrastructure: (1) Shared Vision, (2) Partnerships, (3) Goals and Metrics, (4) Leadership and Communication, and (5) the Potential for Expansion, Sustainability and Scale. The five design elements of collaborative infrastructure are critical for each NSF INCLUDES Alliance and require Alliances to:

- Develop a shared vision and strategy (e.g., problem statement and theory of change) for broadening the participation of the target population(s) in STEM along with relevant metrics of success and key milestones/goals to be achieved during the project's lifecycle;
- Develop multi-stakeholder partnerships and build infrastructure among them to decrease social distance and achieve progress on common goals targeted by the Alliance;
- Contribute to the knowledge base on broadening participation in STEM through broadening participation and implementation research, sharing project evaluations, data, new scientific findings/discoveries, and promising practices;
- Establish a "backbone" or support organization that provides a framework for communication and networking, network assistance and reinforcement, visibility and expansion of the Alliance and its partners, that will collaborate with the NSF INCLUDES Coordination Hub;
- Advance a logic model or other heuristic that identifies Alliance outcomes that reflect implementation of change at scale and progress toward developing an inclusive STEM enterprise.

Collectively, NSF INCLUDES Alliances:

- Participate in a network of peer alliances to achieve long-term goals of the NSF INCLUDES Big Idea;
- Collaborate with the NSF INCLUDES Coordination Hub to build critical knowledge that shows measurable progress toward short-term and longterm goals; and
- Work to build connections to other organizations and broadening participation stakeholders to join in and expand the NSF National Network.

Prior NSF INCLUDES funding is **not required** to be eligible to submit an Alliance proposal. The inclusion of an NSF INCLUDES Design and Development Launch Pilot Project Principal Investigator and/or Co-Principal Investigator is encouraged but **not required**.

NSF INCLUDES anticipates funding up to three Alliances with a duration of five years, contingent upon the availability of funds and receipt of competitive proposals. Awards will range from \$1,000,000 - \$2,000,000 per year.

An individual may serve as a PI or Co-PI on only one NSF INCLUDES Alliance proposal. You can find more information on the following link: https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505289. Required letters of intent are due to the NSF October 5, 2020 and full proposal are due to NSF January 26, 2021.

This is a limited competition. An organization may serve as a lead organization on only one proposal. Please submit your 4-page pre-proposal addressing the review criteria below (plus budget overview, list of prospective partners, and NSF formatted CV for UNM PI and Co-PIs; all documents in a SINGLE PDF file, 11 point font) **by NOON on Wednesday, July 15, 2020** to limited@unm.edu with the subject line: **NSF ALLIANCE** your last name. No late submissions will be considered.

Pre-proposals should include the following sections:

1. **Shared Vision:** What broadening participation challenge(s) will be addressed and what is the broader vision of the Alliance for effecting change? What innovative strategies will be used by the Alliance partnership to address the identified broadening participation challenge(s) for the target population(s)? What is the Alliance's plan to incorporate rigorous and innovative research into Alliance activities and contribute to the knowledge base about broadening participation in STEM?
2. **Partnerships:** What organizations are the proposed partners in the NSF INCLUDES Alliance and why are they important to address the broadening participation challenge(s)? What will be the Alliance's management plan and what will be the role of the Alliance "backbone" or support organization?
3. **Goals and Metrics:** What is the plan for accomplishing the work of the NSF INCLUDES Alliance to address the identified broadening participation challenge(s), including the Alliance target population(s), goals, mutually reinforcing activities, measurable objectives and outcomes, and progress indicators?
4. **Leadership and Communication:** How have UNM and the proposed leadership team demonstrated capacity and vision to develop, manage, and lead? How will the Alliance build capacity for leadership and conflict resolution within and among all partnering organizations?
5. **Potential for Expansion, Sustainability, and Scale:** How will the Alliance's activities contribute to next steps for a research agenda and development plan to expand the Alliance's network of organizations and activities? What strategies will be used to advance the expansion, sustainability, and scale of the Alliance by connecting expertise from multiple sectors and other private and public funders?

If you have any questions please feel free to contact limited@unm.edu.

If you are affiliated with HSC, please contact Corey Ford (CFord@salud.unm.edu) or Cassandra Misenar (CMisenar@salud.unm.edu) for more information.