



To: Distribution List

From: Faculty Research Development Office (FRDO)  
Office of the Vice President for Research

Subject: Limited Competition: Training-based Workforce Development for Advanced Cyberinfrastructure (CyberTraining), NSF, (19-524)

Date: 3/30/2022

Dear UNM Researchers,

The Training-based Workforce Development for Advanced Cyberinfrastructure (CyberTraining) program seeks to prepare, nurture, and grow the national scientific research workforce for creating, utilizing, and supporting advanced cyberinfrastructure (CI) to enable and potentially transform fundamental science and engineering (S&E) research and education and contribute to the Nation's overall economic competitiveness and security. The goals of this solicitation are to (i) ensure broad adoption of CI tools, methods, and resources by the research community in order to catalyze major research advances and to enhance researchers' abilities to lead the development of new CI; (ii) integrate core literacy and discipline-appropriate advanced skills in advanced CI as well as computational and data-driven methods for advancing fundamental research, into the Nation's undergraduate and graduate educational curriculum/instructional materials; and (iii) build communities of research CI professional staff to deploy, manage, and collaboratively support the effective use of research CI, as well as establish career paths for those staff within and across institutions and science and engineering (S&E) disciplines.

There are three project classes:

- *Pilot Projects*: up to \$300,000 total budget with durations up to two years;
- *Implementation Projects*: Small (with total budgets of up to \$500,000) or Medium (with total budgets of up to \$1,000,000) for durations of up to four years; and
- *CI Professional (CIP) Projects*: up to two full-time equivalents (FTEs) per institution and four FTEs total with durations up to five years. CIP projects will support the S&E research needs of one or more institutions and/or one or more disciplines and can collaborate both with other CyberTraining awards and with other appropriate NSF-funded projects, to foster the long-term sustainability of the CI professional workforce.

To ensure relevance to community needs and to facilitate adoption, those proposals of interest to one or more domain divisions must include at least one PI/co-PI with expertise relevant to the targeted research discipline. All proposals shall include at least one PI/co-PI with expertise relevant to the Office of Advanced Cyberinfrastructure (OAC). Applications are due to the agency by **May 16, 2022**. More information is available in the [Program Solicitation](#).

**This is a limited competition for CI Professional Projects ONLY.** The other two project classes do not limit the number of submissions; if you are applying with a Pilot or Implementation project, you *do not* need to submit an SOI. **For CIP Projects, each institution is limited to ONE proposal.** Please submit your 200-word statement of interest by **NOON on Wednesday, April 13, 2022** via UNM's [InfoReady Review portal](#). This is *a required step* and no late submissions will be considered. Should there be interest from more than one PI, we will quickly request a preproposal and will run a limited competition.

Should you have any questions please feel free to contact us at [limited@unm.edu](mailto:limited@unm.edu).

*If you are affiliated with HSC, please contact [Corey Ford](#) or [Cassandra Misenar](#) for more information.*