



To: Distribution List

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

Subject: Limited Competition: NSF, Research Visioning for Computer and Information Science and Engineering (CISE): Future Research Directions for CISE Community (CISE-RV), NSF 22-567

Date: March 2, 2022

Dear UNM Researchers,

The NSF's Directorate for Computer and Information Science and Engineering (CISE) seeks to fund a community driven organization that will identify ambitious new fundamental and translational research directions that align with national and societal priorities and thereby catalyze the computing research community's pursuit of innovative, high-impact research. Specifically, CISE calls on the information, communication, computing and cyberinfrastructure research community to establish a CISE Research Visioning activity (CISE-RV) to facilitate the articulation of compelling long-term research visions and establish multi-directional communication pathways for stakeholders with interest in information, communication, computing and cyberinfrastructure research, including those in academia, industry, government, professional societies, virtual organizations, international entities, and the general public. It is anticipated that through its activities the CISE-RV will strengthen connectivity and increase coordination across these diverse stakeholders and enable rapid and efficient community response to emerging opportunities and areas of national need.

Please distribute this notice to departments and individuals whom you believe would be interested.

The CISE-RV should have representation from academia, industry, professional societies, and other stakeholders in the CISE fields, and should be inclusive of all disciplines including computer science, computer engineering, information sciences, cyberinfrastructure, and related fields. Through its proposed activities, the CISE-RV should provide the information, communication, computing, and cyberinfrastructure research community with a sustainable process for identifying future research challenges and enabling the CISE research community to speak with a unified voice. NSF anticipates funding a single award for up to five years, with the funding for each year of the award in the range of \$1 to \$2 million per year. The CISE-RV in the steady state phase is expected to have a four-year time frame. Proposers that need a startup phase to develop and setup the organizational structure, in addition to the four-year steady state phase, may request up to one year of additional support, thereby requesting up to five years of support. Additional details can be found in the [program solicitation](#). The deadline for required letters of intent is May 10, 2022 with full proposals due to the agency by October 5, 2022.

This is a limited competition. **Each institution is limited to ONE proposal as the lead institution.** Please submit your 3-page preproposal (plus budget and CV; 11 point font) by **NOON on Monday, March 28, 2022** via UNM's [InfoReady Review portal](#). No late submissions will be considered.

The pre-proposal should address the major points that will be included in the proposal narrative, including:

- The **organizational structure** for providing leadership and oversight of the CISE-RV activities and outputs, and outline specific diversity goals and plans to achieve the desired goals of the CISE-RV.
- The proposal should identify **visioning areas** currently deemed as high priority and justify the reasons for these choices with respect to the visioning strategy.
- A **comprehensive communication and engagement strategy** for multi-directional communication with the information, communication computing and cyber infrastructure research community, government, industry, and international stakeholders, and the general public.
- An **evaluation framework** for assessing the organizational structure, diversity goals, visioning strategy and outcomes, and communication and engagement strategy.

The narrative should be accompanied by a **draft budget overview** and an **abbreviated PI CV**.

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 Misenaar](#) for more information.*