

UNM Limited Competition Announcement

Dear UNM Researchers,

The Office of the Vice President for Research is requesting statements of interest and pre-proposals for the **NNSA: Predictive Science Academic Alliance Program IV (DE-FOA-NA0003284) **PSC track only**** limited competition. This funding opportunity serves to bring together the resources of three NNSA national laboratories in a consolidated effort to achieve significant advances in computational modeling and simulation capabilities for stockpile stewardship. PSAAP IV will add an additional focus, on the development and application of artificial intelligence (AI) and machine learning (ML) technologies to improve quantified predictive capabilities.

Sponsor: NNSA

Opportunity Title: Predictive Science Academic Alliance Program IV

Opportunity Number: DE-FOA-NA0003284

Sponsor Due Date(s): 06/27/2024 pre-application deadline (Optional); 09/30/2024 full application submissions (Mandatory)

Award Range: \$1,500,000 per year to \$3,500,000 per year over 5 years

Costshare is required: 10% of the total project costs

Number of Submissions Allowed from UNM: PSC is limited to 1 per institution; FIC is not limited

Solicitation: [Search Results Detail](#) | [Grants.gov](#)

Limited Comp. STEP 1: Required SOI Due Date: **NOON on June 5, 2024** (for planning purposes)

Limited Comp. STEP 2: Pre-proposal Due Date: **NOON on June 10, 2024**

Limited Comp. Instructions: We will be conducting a two-step internal competition to ensure we have a review committee in place by the pre-proposal deadline. You must complete both steps if you are interested in participating.

STEP ONE: Please submit your ~100-word **statement of interest** in UNM's [InfoReady Review portal](#). This is a required step, and no late submissions will be considered. Note that SOIs will NOT be reviewed; we require them so that we can form a review committee early.

STEP TWO: Please submit your 3-page pre-proposal, abbreviated budget, and CVs for key personnel via UNM's [InfoReady Review portal](#). You will receive an email when the InfoReady competition has been converted from the SOI application to the pre-proposal application, but you may work on your documents outside the system before that. No late submissions will be considered.

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

- **Executive Summary:** Describe the approach, goals, and tasks proposed for the Center.
- **Technical and Scientific Approaches and Objectives:** describe the technical and scientific approaches and objectives for the work, with an outline plan that presents the simulation of a large, multidisciplinary, complex problem or a significant single-discipline advance that is of ASC programmatic and national interest.
- **Roadmap:** Provide a simulation and modeling roadmap which covers all five years anticipated for the program. For each year, it should be clear how the various research components come

together to contribute to the goals of the Center. Items on the critical path should be clearly identified.

- A discussion of ideas for attracting a diverse pool of (preferably US citizen) graduate students and postdocs and involving them with the NNSA National Laboratories.
- A list of ideas for interacting with the NNSA National Laboratories, including exposing lab technical personnel to work being done by the proposed Center and university personnel to work done by the Laboratories.
- A list of supported participants (except for students) from the proposing IHE and from any other participating IHEs and laboratories, including a paragraph describing the nature of the contribution by any supporting institution(s).

Should you have any questions please feel free to contact us at limited@unm.edu.

If you are affiliated with HSC, please contact HSC Limited Competition at HSC-LimitedComps@salud.unm.edu for more information.