

UNM Limited Competition Announcement

Dear UNM Researchers,

The Office of the Vice President for Research is requesting statements of interest (SOIs) for the **NSF Test Bed: Toward a Network of Programmable Cloud Laboratories (PCL Test Bed) (NSF 25-541)** limited competition. This program seeks to advance laboratory-based research by integrating AI-driven automation, programmable workflows, and remote access to specialized instrumentation. By establishing standardized protocols for data, metadata, and AI integration, the program aims to create a scalable, collaborative ecosystem of Programmable Cyberinfrastructure Laboratory (PCL) nodes.

Only organizations with **pre-existing instrument facilities** are eligible to apply to the program to be a PCL node. Proposals must include at least one co-principal investigator **with relevant expertise in data management and AI** to support the activities described in the proposal. Proposals **may not** request support for physical plant infrastructure, e.g., building, utilities, and related costs.

The U.S. National Science Foundation (NSF) will host an **introductory webinar on this new program on Wednesday, Aug. 20, 2025, at 1-2 p.m. MDT**. NSF program officers will present program goals, eligibility, and proposal procedures, followed by a moderated Q&A. [Click here to register](#). On August 5, NSF hosted a webinar about the program. Access the [recording and presentation slides here](#).

Sponsor: NSF

Opportunity Title: Test Bed: Toward a Network of Programmable Cloud Laboratories (PCL Test Bed)

Opportunity Number: NSF 25-541

Sponsor Due Date(s): 11/20/2025

Award Range: up to \$5 million per year for 4 years (total \$20 million)

Number of Submissions Allowed from UNM: One (1) as lead institution

Solicitation: <https://www.nsf.gov/funding/opportunities/pcl-test-bed-test-bed-toward-network-programmable-cloud-laboratories/nsf25-541/solicitation>

Limited Comp. SOI Due Date: **NOON on September 1, 2025**

Limited Comp. Instructions: Submit your ~1 page SOI in UNM's [InfoReady Review portal](#). The SOI must include the following: A. **Science Drivers:** What science drivers will help transform the science/engineering areas, while driving the development of the PCL Node? B. **Data and AI capabilities** and expertise represented at the PCL Node.

No late submissions will be considered. Based on the number of SOIs received, the Limited Competitions Management Team may announce a call for pre-proposals.

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.