



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

Subject: Limited Competition: DOE: Materials and Chemical Sciences Research for Quantum Information Science DE-FOA-0002449

Date: December 21, 2020

UNM Researchers,

The Office of the Vice President for Research is requesting Statements of Interest for the DOE: Materials and Chemical Sciences Research for Quantum Information Science. The sponsor will accept no more than two (2) pre-applications or applications per institution as the lead whether they are for new or renewal projects. This is a link to the current funding opportunity announcement: <https://www.grants.gov/web/grants/view-opportunity.html?oppId=330403>.

According to the program announcement, this funding opportunity supports experimental and theoretical efforts to advance understanding of quantum phenomena in systems that could be used for quantum information science (QIS) and the use of quantum computing in chemical and materials sciences research. New and renewal applications are invited in two topical areas: 1) Quantum Computing; and 2) Next-Generation Quantum Systems. **The deadline for the submission of the required Pre-Application is January 27, 2021 at 5pm EST. Full proposal applications are due to DOE on April 14, 2021 at 11:59pm EST.**

Budgets for non-DOE/NNSA National Laboratories can range between \$200k-\$1.5M per year for three years.

This is a limited competition. **An eligible organization may submit two (2) pre-applications as the lead whether for new or renewal projects.** If you are interested in submitting a pre-application, please send a 3-page preproposal (plus cover page, Table 1 (see format for both on pg. 2) and abbreviated PI CV); all documents in a SINGLE PDF file, 11-point font) to limited@unm.edu by **NOON, Wednesday, January 6, 2021**. The 3-page preproposal should be a clear, concise description of the objectives and technical approach of the proposed research. Figures and references, if included, must fit within the three-page limit.

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

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

Cover Page Format **Cover page does not need to be signed at internal preproposal stage.**

The pre-application attachment should include a cover page with the following information:

Title of Pre-application
Principal Investigator Name, Job Title
Institution
PI Phone Number, PI Email Address
FOA Number: DE-FOA-0002449
Roundtable Report(s) Addressed [see Section I of [FOA](#)]
Priority Research Opportunities (PROs) from Roundtable Report(s) Addressed

Table 1: Team Members (Lead PI, Task Leaders and Senior/Key Personnel) on the pre-application and institutional affiliations [for single investigator pre-applications this table can include only the principal investigator]

Team Members			Institution
Last Name	First Name	Title	Institution Name