THE UNIVERSITY OF NEW MEXICO

To: Distribution List

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

Subject: Limited Competition: Department of Energy, Chemical and Materials Sciences to Advance Clean Energy Technologies and Low-Carbon Manufacturing, (DE-FOA-0002676)

Date: February 25, 2022

Dear UNM Researchers,

The DOE SC program in Basic Energy Sciences (BES) announces its interest in receiving new applications from single principal investigators (PIs) and from small teams to advance basic and fundamental chemical and materials sciences that underpin clean energy technologies and low-carbon manufacturing. The goal is creation of foundational knowledge to support the development of approaches that will minimize climate impacts of energy technologies and manufacturing. For this FOA, clean energy technologies include approaches to capture, produce, convert, store, and use energy that reduce or eliminate unwanted emissions such as greenhouse gases (e.g., carbon dioxide, methane, etc.). These technologies also include approaches such as direct air capture (DAC) and carbon storage/sequestration to decrease emissions that have been released into the environment from energy production and use. Low-carbon manufacturing refers to manufacturing processes that minimize carbon emissions and energy consumption. Investments from this FOA are anticipated to include awards that build foundational knowledge underpinning the Energy Earthshots Initiative.

DOE anticipates that award sizes will range from $200,000 to $1,500,000 per year with a project period of 3 years. The award size will depend on the number of meritorious applications and the availability of appropriated funds. **There is a mandatory pre-application due March 16, 2022 with final applications due May 17, 2022.** This is the link for full details: https://www.grants.gov/web/grants/view-opportunity.html?oppId=338083

This is a limited competition. Each institution is limited to (3) three pre-applications. (Institutions may submit up to 2 pre-applications or applications for multi-PI efforts and up to 3 pre-applications or applications for single-PI efforts, for a combined total of no more than 3 pre-applications or applications.) *Please submit a Statement of Interest* by **NOON on Thursday, March 3, 2022** via UNM's InfoReady Review portal. This is a required step that will help us arrange a review committee in advance to expedite the process and maximize the amount of time the selected submitters have to prepare their final submissions. A 3-page preproposal (plus budget and CV; 11 point font) will be due by **NOON on Monday, March 7, 2022** via UNM's InfoReady Review portal. No late submissions will be considered.

Pre-proposals must include a clear and concise description of the objectives and technical approach of the proposed research.
Reviews will be based on the following criteria:
1. Responsiveness to the objectives and requirements of the FOA.
2. Scientific and technical merit.
3. Appropriateness of the proposed research approaches.
4. Likelihood of scientific impact.

The pre-proposal 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.

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