



To: Distribution List

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

Subject: Limited Competition: DOE, Research in Basic Plasma Science and Engineering (DE-FOA-0002889)

Date: 12/16/2022

The objective of the **DOE Research in Basic Plasma Science and Engineering** program is to provide research opportunities to single investigators or small-group researchers from universities, non-profit organizations, and industries, with an aim to support frontier-level research and development (R&D) work leading to significant advances in the fundamental understanding of basic plasma science and engineering. For more information, see NASEM Plasma 2020 Decadal Survey, FESAC Long Range Strategic Plan 2020, and Community Planning Processes (CPP) Report 2019-2020. The specific areas of interest for this funding opportunity are:

1. Dynamical Processes in Plasma
2. Nonneutral, Ultracold Neutral, and Dusty Plasma Physics
3. Low Temperature Plasma Processes

Integrated research projects, combining detailed laboratory experiments or data, theory, and advanced modeling or simulation, are encouraged.

Because the nature and scope of the proposed research program will vary from application to application, it is anticipated that the size of each award will also vary. There is no cost share requirement for this award. Awards will range between \$50,000 per year and \$300,000 per year for a single-institution application or \$500,000 per year for a multi-institutional team. A typical project period is 3 years. More details can be found in the solicitation: <https://www.grants.gov/web/grants/view-opportunity.html?oppId=344800>. The deadline for submitting mandatory pre-application to the agency is **January 12, 2023**. Invited full proposals will be due **March 6, 2023**.

This is a limited competition. **Each institution is limited to TWO pre-applications as lead.** If you are interested in submitting to this program, please submit a statement of interest with a tentative project title and a brief description (200 words) by **NOON, Thursday, December 22, 2022** via UNM's [InfoReady Review portal](#). **Because of the short turnaround time (DOE only announced this competition this week), this limited competition will be conducted on a first-come, first-served basis. This means that the first two SOIs we receive will be given the two UNM slots.**

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.