**UNM Limited Competition Announcement \*Lottery\***

Dear UNM Researchers,

The Office of the Vice President for Research is requesting statements of interest (SOIs) for the **Department of Energy** **EXPRESS:2025 Exploratory Research for Extreme-Scale Science** limited competition. Grants awarded under this program are intended to support basic research to explore potentially high-impact approaches in scientific computing and extreme-scale science. Proposed research should focus on creating the body of knowledge and understanding that will inform future advances in extreme-scale science. It is expected that the proposed projects will significantly benefit from the exploration of innovative ideas or from the development of unconventional approaches.

**Sponsor:** DOE

**Opportunity Title:** EXPRESS: 2025 Exploratory Research for Extreme-Scale Science

**Opportunity Number:** DE-FOA-0003545

**Sponsor Due Date(s):** 2/25/2025 required pre-applications; 5/6/2025 for full applications

**Award Range:** $200,000-$500,000

**Number of Submissions Allowed from UNM:** 2 (two) **per research area (a-e, below)** as lead institution in a single- or multi-institutional team

**Solicitation**: <https://science.osti.gov/ascr/-/media/grants/pdf/foas/2025/DE-FOA-0003545-000001.pdf>

**Research Areas:**

a) Quantum Computation Based On Topological Concepts

b) Local and Campus-Area Quantum Networking for Next Generation Parallel Quantum

Computing

c) Neuromorphic Computing

d) Computational Physical Systems

e) Deep Understanding of AI Models

**Limited Comp. SOI Due Date: NOON on February 11, 2025**
**Limited Comp. Instructions:** Submit your ~100-word SOI via UNM’s [**InfoReady Review portal**](https://unm.infoready4.com/). *\*\*Because there is not time for a committee review, if we receive more than one SOI per program area, we will randomly select which will be allowed to move forward in that program area. Only SOIs received by the deadline will be included in the drawing.\*\**

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.*