

PILOT PROJECT APPLICATION

University of New Mexico – Sustainable Space Research Grand Challenge (SSRGC)

Pilot Project Call

Overview:

The Sustainable Space Research Grand Challenge (SSRGC) at the University of New Mexico (UNM) aims to enhance the scientific, economic, and educational landscapes at UNM and New Mexico by leveraging local expertise and resources to promote space-related research and development.

The SSRGC's pilot project program aims to support projects that align with the SSRGC's strategic objectives of advancing space science and technology, promoting community engagement, and developing the New Mexico Space Economy. The SSRGC team is implementing a series of pilot project initiatives to encourage further research collaborations and projects. This program is designed to facilitate student involvement in space projects and gather preliminary results needed for more considerable external funding opportunities.

SSRGC will support an initial 5-10 Principal Investigators (PIs) with \$5,000 pilot awards, on the condition that they plan to work with undergraduate and/or graduate students and must identify the student(s) in advance in their proposal. Priority will be given to PIs who propose collaborative projects with other PIs and specify how this collaboration will foster further partnerships in the proposal. UNM faculty, research faculty, and research scientists are invited to submit proposals to apply for funding for research projects.

The proposal deadline is **July 29, 2024**. The results will be announced on August 12, 2024.

Application Requirements:

The PI should submit a PDF, including the proposal as detailed below and a 1-page bio sketch, to the Grand Challenges Office at grandchallenges@unm.edu. The submitted proposal should include the following information:

1. **Cover Page:** Include the project title, PI information (position, university department, contact info), student information (undergraduate or graduate, university department, position, contact info), and the proposal start and end date. PI's with previous Research Index Codes must list their existing (IDC). Projects should end no later than June 30, 2025.
2. **Project Abstract:** 250 words or less.
3. **Project Description:** This 2-page description should explain the primary research objectives, methods, and potential for the next stage for funding from NASA, NSF, DoD, and other programs for which the pilot project would enhance competitiveness.

4. **Budget and Justification:** Describe how the budget is allocated to support goals and support student involvement in the project.
5. **Key Personnel:** Include PI, and student information and details about collaborations (Any correlation with other submitted pilot projects should be mentioned here. Joint projects should be submitted separately).

Award Acceptance Guidelines:

The committee will review the submitted proposals, and the awarded projects will be announced on August 12, 2024. Upon acceptance of the award, recipients must:

1. Provide the necessary information for SSRGC to process their budget.
2. Attend meetings for regular updates on the progress of the project.
3. Provide a one-page summary of achievements and impact at the project's end.