



**AMERICA'S
SEED FUND**
SBIR • STTR

POWERED BY



MISSION

The mission of National Aeronautics and Space Administration (NASA) is to empower all small business communities to imagine, build, and utilize revolutionary technologies to drive the NASA and the national economy to reach new heights.

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

BUDGET

~\$210M combined SBIR/STTR budget

NUMBER OF AWARDS

Phase I ~300 per year

Phase II ~130 per year

TOPIC AREAS / AREAS OF INTEREST

NASA is ambitious about going back to the Moon and then to Mars, but we're not just all about space. NASA has five mission directorates – Aeronautics Research, Exploration Systems Development, Science, Space Operations, and Space Technology.

Many of our small businesses and research institutions are also solving challenges that directly impact us here on Earth – like technology to help us better understand Earth's climate, advanced uncrewed aerial vehicles for improved communications during natural disasters, and even retinal implants that can improve treatment for retinal degeneration. Sometimes technologies start out for use in Space and come back to benefit us here – like aerogels originally developed to keep rocket fuels cool are now used in some CamelBack bottles. The possibilities are endless.

Visit NASA's SBIR/STTR website and read the recent solicitations to understand NASA's technology focus areas. Get a feel for the types of challenges NASA is looking to solve and if you think you have a solution, NASA could be a fit for you!

UNIQUENESS

Ignite Solicitation

- Encourages participation from product driven companies not looking at NASA as their primary customer
- Places a heavy emphasis on commercial viability during review and scoring
- Streamlines the application process by shortening the solicitation and the proposal requirements
- Features the same three phases and funding levels as the main NASA SBIR/STTR solicitations

MPLAN (formerly M-STTR)

- The MUREP Partnership Learning Annual Notification (MPLAN) award provides up to \$50,000 for Minority Serving Institutions (MSIs) to contribute to research opportunities in preparation for larger funding opportunities, including the NASA SBIR/STTR solicitations
- To apply, MSI proposals respond to topics directly linked to the mission needs of NASA's Mission Directorates for Space Technology (where NASA SBIR/STTR falls), Aeronautics Research, and Space Operations. In addition to the monetary award, winners are placed into a cohort for training and support based upon their chosen topic areas, led by the respective Mission Directorates
- Specifically for the Space Technology Mission Directorate, MPLAN awards will provide funding to universities to establish partnerships with a small business ahead of the NASA SBIR/STTR Phase I submission period

Sequential Phase II

- Furthers the rapid development of technologies with the goal of infusion into specific NASA programs
- Awards are performed over 2 years and have values ranging between \$2.5M to \$4M
- In the latest call, we sought technology developments in the areas of Lunar Dust Mitigation Solutions, Reliable Small Spacecraft Identification and De-Orbit Technologies for Space Debris Mitigation, and Active Debris Removal (ADR)