NSGA
National Space Grant Alliance

Inspiring and preparing the next generation STEM workforce 2021

REQUEST FOR FY 2022 APPROPRIATIONS

Request that Congress provide $60 million to the National Space Grant College and Fellowship Program. The Committee directs amounts be allocated to State consortia for competitively awarded base grants to support local, regional, and national STEM needs, and directs all 52 participating jurisdictions receive no less than $1 million each. The Committee allocates $1.7 million for special programs operated by Space Grant institutions to further the science and education mission of NASA and the states. The remaining funds, not to exceed 10 percent, shall be for administration of the program.

SPACE GRANT HIGHLIGHTS

Established by Congress in 1989. Competitive, highly effective national partnership program responsive to NASA-aligned state, regional, and national priorities.

Administered by State consortia. Catalysts to enhance STEM literacy, and prepare students for careers in STEM fields to meet future national workforce needs.

Engages students in authentic STEM-based learning experiences. Programs comprise internships, fellowships, and apprenticeships involving NASA staff and facilities and industry partnerships. Hands-on experiences consist of launch vehicle and payload development; engineering challenges; space flight operations; UAVs; remote sensing; and engagement in STEM research.

Leverages partnerships across State consortia and with NASA. Relies on state-based networks in partnership with NASA to cultivate a diverse, inclusive, and broad-based high-technology workforce in academia, industry, and government.

FUNDING JUSTIFICATION

The requested $60 million provides additional funding to:

- **Strengthen and promote our national network** of state-based programs in partnership with NASA; developing and sustaining a diverse, adaptable, and competitive STEM workforce.
- **Improve student accessibility** to a widening range of STEM-based authentic learning opportunities, researchers, and mentors.
- **Broaden, extend, and accelerate participation** of underrepresented minority, women, rural, low-income, first-generation, and nontraditional students in diverse and inclusive STEM-based academic programs and careers.
- **Advance the nation's STEM literacy, education, and workforce pipeline** to further the progress of space and earth sciences and engineering that transforms our future and sustains our leadership.

The NATIONAL SPACE GRANT ALLIANCE exists to enhance the capacity of the United States of America to carry out education, research, and public outreach activities in science, technology, engineering, and mathematic (STEM) disciplines; particularly in fields related to space, aeronautics, and earth system science.