



NASA KY Programs support science and aerospace training and research opportunities for Kentucky students and faculty.

Discover Accomplish Build



Workforce Training Partnership with NASA

- Research fellowships with Kentucky labs
- Internships with NASA and KY companies
- Contribute to NASA missions
- Build payloads that fly in space
- Rocket, aeronautics and robotics team competitions



KY Space Grant Consortium

2020-2025

30,000 participants
120 projects
22 funded organizations
\$5,000,000 grant funds

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Accomplishments for Kentucky

In Fall 2025, a team of undergraduates at the UK-Paducah Engineering campus finished Top 3 in the world for aerospace design in AIAA competition





NASA EPSCoR

Established Program to Stimulate Competitive Research

Building Kentucky's Aerospace Research Infrastructure

- Aerospace research development in Kentucky labs
- Collaboration between KY faculty and NASA researchers
- Investment for advanced research infrastructure in KY
- Aerospace workshops and seminars
- Contribute to NASA missions and KY spaceflight
- Advanced workforce training opportunities for students



NASA KY EPSCoR

Primary Research Areas

- Hypersonics & Spacecraft
- Thermal Protection
- Heliophysics & Space Weather
- Space Communications
- Aeronautics & Aerospace Design
- Materials Science
- Remote Sensing



Return on Investment 10:1

Approximate 10:1 ROI for seed grants in aerospace research from this program resulting in follow-on research funding from agencies including NASA, NSF, NIH, DoE, and DoD

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