

State	Lead Institution (award recipient)	Institution conducting research	Funding Per Award	Total Funding Awarded for the State	Title
Alaska	University of Alaska, Fairbanks	University of Alaska, Fairbanks	\$732,913.00	\$732,913.00	Application of a new generation of ground- and satellite-based whistler-mode wave experiments as diagnostic tools for probing the structure of magnetospheric plasmas
Alabama	University of Alabama, Huntsville	University of Alabama, Huntsville	\$748,500.00	\$748,500.00	Device Realization for Sensor and Health Monitoring of Space Transportation Systems
Arkansas	University of Arkansas, Little Rock	University of Arkansas, Little Rock	\$750,000.00	\$750,000.00	Noninvasive Prospecting for Lunar Ores and Minerals
Idaho	University of Idaho	Boise State University	\$750,000.00	\$750,000.00	Reliability Investigations of Radiation Resistant Multi-State Phase-Change Memory
Kentucky	Western Kentucky University	University of Kentucky	\$750,000.00	\$750,000.00	Efficacy of Countermeasures to Cardiovascular Deconditioning in Men and Women during Simulated Moon Explorations
Louisiana	Louisiana Board of Regents	Louisiana State University, Baton Rouge	\$750,000.00	\$1,500,000	NASA EPSCoR Research Project: Smart Adhesively Bonded High-Performance Joint for Composite Structures
Louisiana	Louisiana Board of Regents	Louisiana State University, Baton Rouge	\$750,000.00		NASA EPSCoR Research Project: Multiwavelength/Multimessenger Observations in Conjunction with the GLAST Satellite Mission
Maine	Maine Space Grant Consortium	University of Southern Maine	\$749,512.00	\$749,512.00	Toxicology of Metal and Lunar Particles in Biological Systems
Montana	Montana State University	University of Montana	\$750,000.00	\$750,000.00	Biomolecular Substrates for Extraterrestrial Life: Revealing the Secrets of Extremophilic Archaea and their Viruses
Nebraska	University of Nebraska, Omaha	University of Nebraska, Lincoln	\$750,000.00	\$750,000.00	Satellite Contaminant Materials Research Program
New Hampshire	University of New Hampshire	University of New Hampshire	\$749,221.00	\$749,221.00	Enhancing Research and Education Capacity for Integration of Earth Observations, Infectious Diseases Ecology, and Public Health in New Hampshire
New Mexico	New Mexico State University	New Mexico State University	\$741,144.00	\$741,144.00	Structural Health-Monitoring and Self-Healing of Aerospace Structures

Nevada	Desert Research Institute	Univrsty of Nevada, Reno	\$750,000.00	\$750,000.00	Exploring Planetary Surfaces: Earth, Moon and Mars
Oklahoma	University of Oklahoma	University of Oklahoma	\$720,000.00	\$1,470,000	Center for Lightning Advanced Studies and Safety (CLASS)
Oklahoma	University of Oklahoma	Oklahoma State University	\$750,000.00		OK NASA EPSCoR: Tissue Equivalent Detectors for Space Crew Dosimetry and Characterization of the Space Radiation Environment
Puerto Rico	University of Puerto Rico	University of Puerto Rico	\$750,000.00	\$750,000.00	Space Exploration Enabling Power Systems: Partnership to Develop the Fundamental Nanoscience at UPR and Perform the Corresponding Proof-of-Concept at NASA GRC
South Carolina	The College of Charleston	University of South Carolina	\$750,000.00	\$1,500,000	Development of Advanced Unitized Regenerative Fuel Cell
South Carolina	The College of Charleston	Clemson University	\$750,000.00		Development of a Lunar Capable Rover Tweek for a Modular Manned Rover System: Analytical and Experimental Research
South Dakota	South Dakota School of Mines and Technology	South Dakota School of Mines and Technology	\$750,000.00	\$1,487,843	Continuous Nano-Scaled Carbon Fibers with Superior Mechanical Strength and Their Innovative Composites for Aeronautics and Space Applications
South Dakota	South Dakota School of Mines and Technology	South Dakota State University	\$737,843.00		Land cover dynamics, regional hydrometeorology, and the vulnerability of rain-fed agriculture to climate change under scenarios of extensive cultivation of biofuel feedstocks
Vermont	University of Vermont	University of Vermont	\$750,000.00	\$750,000.00	Investigation of Critical Aerothermodynamic Phenomena for Hypersonic Vehicles
West Virginia	West Virginia Space Grant Consortium	Marshall University	\$749,521.00	\$1,499,521	Molecular and Cellular Mechanisms Underlying Skeletal Muscle and Cardiovascular Adaptation to Simulated Microgravity
West Virginia	West Virginia Space Grant Consortium	West Virginia University	\$750,000.00		Design, Simulation, Validation, and Flight Testing of Adaptive Fault-Tolerant Flight Control Systems