



NASA Established Program to Stimulate Competitive Research (EPSCoR)

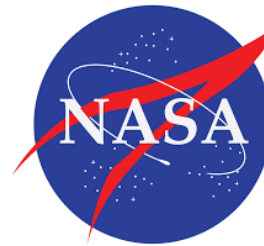
Vacant, NASA EPSCoR National Project Manager
Dr. Mitch Krell, NASA EPSCoR Deputy National Project Manager
Dr. Ali Shaykhian, Technical Monitor and Reports Manager, NASA EPSCoR



History



- 1979: National Science Foundation (NSF) created the Established (formerly Experimental) Program to Stimulate Competitive Research (EPSCoR) in response to concern over the uneven distribution of federal research and development grants.
- 1992: Public Law 102-588 authorized NASA to initiate NASA EPSCoR to strengthen the research capability of jurisdictions that have not in the past participated equitably in competitive aerospace research activities.
- EPSCoR now spans six federal agencies:





EPSCoR Management



- Managed out of the Kennedy Space Center
- Three personnel on staff
- Contact Information
 - Vacant
 - Mitch Krell (228) 342-7462 mitch.krell@nasa.gov
 - Ali Shaykhian (321) 289-0512 ali.shaykhian@nasa.gov
- Also manage the Technical Monitors for EPSCoR projects



Technical Monitor Assignment and Expertise



Technical Monitor Assignment Process

- EPSCoR Project Office sends invitation to NASA Scientists / Engineers to serve as a Technical Monitor (TM)
 - Technical Monitors are selected from all NASA Centers
- Every research project is assigned a Technical Monitor
- NASA EPSCoR Project Manager introduces the Technical Monitors to each project's Principal Investigator (PI) and Science Investigator (Sci)
- Areas of Expertise
 - Aeronautics Research
 - Human Exploration and Operations
 - Science (Earth Science, Heliophysics, Planetary Science, Astrophysics)
 - Space Technology



Technical Monitors



- There are over 100 Technical Monitors, supporting active EPSCoR projects
- EPSCoR has Technical Monitors from all NASA Centers
- The majority of invitations are accepted on the first request/call
- Through serving as a Technical Monitor, NASA Scientists/Engineers are aware of mutual benefits
 - NASA Scientists/Engineers able to advance their own research studies working with the University Professors/Scientists
 - Advance the Nation's science, technology, engineering, and mathematics (STEM) education and workforce pipeline by working collaboratively with University professors and students.



Technical Monitor Duties and Responsibilities



- Technical Monitors verify that project objectives are met
- TMs monitor and review technical aspects of each project through completion
- During project performance period, TMs:
 - visit University to observe project
 - review project reports (Research, ISS, R3) to verify objectives are met
 - verify compliance with schedule
 - if required and appropriate, recommend a no-cost period of performance extension
 - identify all issues
 - work closely with EPSCoR Project Manager to resolve issues and participate in resolution as appropriate
 - review project status and report to EPSCoR Project Manager
- EPSCoR Project Manager Approves all Technical Monitors' reviews



EPSCoR Funding



- FY 23 Budget - \$26 million
- FY 24 Budget - \$26 million (expected)
- FY22 Accomplishments
- Conducted 6 solicitations & made 92 awards
 - 2022 RID 28 awards
 - 2022 Research: 14 awards
 - 2022 ISS Flight Opportunity: 7 awards
 - 2022 SubOrbital Flight Opportunity 3 awards
 - 2022 R3: 39 awards
 - 2022 FAST 1 awards

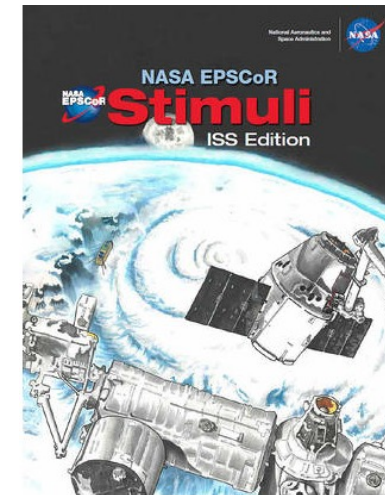


South Carolina EPSCoR Funding



- Since 2007 South Carolina has received more than 30 EPSCoR Awards totaling more than \$13 million
 - 10 - Rapid Response Research (R3) Awards
 - 14 – Research Awards
 - 10 – Research Infrastructure Development (RID) Awards

- The EPSCoR Stimuli is an annually published book that summarizes all current EPSCoR awards for the 4 components (RID, Research, ISS, and R3)
- <https://www.nasa.gov/stem/epscor/home/index.html>
- [EPSCoR and MIRO: Enabling NASA's Research Mission Stimuli 2019-2020](#)





Useful EPSCoR Links



- EPSCoR Web Site
 - <https://www.nasa.gov/stem/epscor/home/index.html>
- RID Awards
 - <https://www.nasa.gov/stem/epscor/rid/index.html>
- Research Awards
 - <https://www.nasa.gov/stem/epscor/research/index.html>
- R3 Awards
 - <https://www.nasa.gov/stem/epscor/rapid/index.html>
- ISS/Sub-Orbital Awards
 - https://www.nasa.gov/stem/epscor/iss_collab/index.html
- FAST Awards
 - <https://www.nasa.gov/stem/epscor/fast/index.html>

