



Mississippi Space Grant Consortium

EPSCoR and SG RI

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- ARMD Projects
 - Turbulent flow prediction methods (Walters, MSU)
 - Structural health monitoring (Sullivan, MSU)
- HEOMD (Life Science)
 - Muscle atrophy (Daigle & Shariat-Madar, UM)
 - Vestibular and immune functions (Mao, Tougaloo)
 - Cardiac function and rhythm problems (Summers, UMMC)



- HEOMD (Physical Science)
 - Dehumidification with membranes (Scovazzo, UM)
 - Image transmission and space communication (Cao, UM)
 - Meta- and nanomaterials in space communication (Yakovlev, UM)
 - Cryogenic pressure vessels (Schneider, MSU)

- STMD
 - Additive manufacturing (Schneider, MSU)
 - Small satellite constellation (Olsen, MSU)
 - Composite materials (Smith & Alkhateb, UM)
 - Aerial video stitching (Wu, USM)
 - Nanomaterials in space applications (Al-Ostaz, UM)