Arkansas Projects
with Kennedy Space Center

- Dust Mitigation/Surface Analysis
- Lunar Regolith Analysis and Utilization
- Robotics Team and Research
  - JBU Lunabotics Team
  - UALR robotic vision team
- Environmental concerns of rocket plumes
Arkansas Projects
with Marshall Space Flight Center

- Rocket Motor Instrumentation
- Plume Characterization
- Hybrid Rocket Fuel Studies
- Materials testing
  - Advanced materials – light metallic structures
  - High temperature materials – rocket nozzles
Arkansas Projects
with Stennis Space Center

- Non-Invasive Plume Monitoring Techniques
- Rocket Motor Diagnostics for Engine Health
- Flame Detection Instrumentation
- Environmental concerns of plumes
Lunar/Mars Dust Analysis Chamber
UALR Hybrid Rocket Firing