

New Mexico Space Grant Consortium

2002 Workforce Development Programs

Student Flight Opportunities - Higher Education - KC-135 Flights

- Convection Inhibiting Vapor Layers (NMSU)
- Investigation of Gravitational Flux on Isotropic Alpha Emission for Space Nuclear Applications (UNM)
- Polymer Spin Coating on Silicon in Microgravity (UNM)



Student Flight Opportunities - Pre-College Programs - Balloon Flights

- New Mexico MESA (Mathematics, Engineering, Science, Achievement)
- New Mexico PREP

Student Scholarships

- NASA Academy
- Nano-Sat3
- JPL Summer Internship
- KSC Summer Internship



Remote Sensing - Curriculum Development

- Created remote sensing curriculum modules for existing courses
 - Agronomy and Horticulture - Soils
 - Environmental Sciences - Environmental Impacts of Land Use
 - Criminal Justice - Planning and Policy Analysis
 - Ag Economics - Water Resource Management & Policy
 - Ag Extension - Advances in Technology in Agriculture Industry
- Gave Workshop for 92 High School Ag Extension Teachers in New Mexico
- Developed student book and activities

