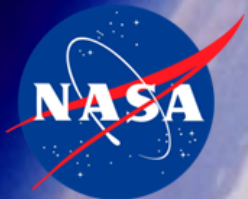




Mid-Atlantic Regional Space Grant Meeting

**September 24-26, 2014
Williamsburg, VA**





Strengthening the NCSG Partnership with the NCCCS to Enhance STEM-Based Learning

- Partners include: NC Community College System (58 campuses), UNC-General Administration, NASA (LARC, Wallops, JSC), LORD Corporation
- Two Components:
 1. Competitive Student Scholarships:
 - Open to CC students enrolled in the Associate in Applied Sciences (AAS) degree program (current matriculation rate for the NCCCS is 20.8%)
 - \$2,500 per semester (Goal is to reach 4 students over course of grant activity)



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2. Team Design Challenge and Competition:

- Ballooning (utilizing NASA's design cycle – design, develop and launch – adapted to Community College)
- Components:
 - Professional development (faculty)
 - Campus-based team formation and training
 - Statewide Competition
 - Educational outreach
- Students who successfully complete all phases of the Competitive Challenge (e.g. Critical Payload Design, Team Build, Outreach, Launch, and Post-Launch Evaluations) will receive a \$1,000 Design Scholarship