2014 Colorado Space Grant Annual Meeting

Community College of Aurora,

Victor Andersen
• Faculty in science department (physics, astronomy, and engineering)

• Affiliate director since 2009
Goal

• Increase number students participating
• Avoid personnel overload
• Find and engage all students who are capable and interested
Solution

- Teach version of “Gateway to Space”
- EGG 151---Introduction to Experimental Design (2 credits)
- $500 scholarships for all eligible students
Second Iteration, Spring 2014

- 12 students (9 scholarship eligible)
- 3 local faculty (Tom Dillon, Martha Jackson-Carter, myself)
- Guest lecturers
EGG 151 Outcomes

- Flew Spring 2014 Demosat
- 1 biology, 1 engineering (Solar Panels), 1 chemistry, 1 Instrumentation
- All teams presented papers at Student Research Symposium
Demographics

- Female 2/11 (18%)
- Under Represented Minorities 4/11 (36%)
COURSE Grant

• Target students at beginning of college career
• Scholarships for eligible students
• 2 intro to engineering workshops
• Required coaching and advising