COURSE
COlorado Undergraduate Retention in Science and Engineering
COURSE Program Review

- 2-yr to 4-yr Space Grant pipeline
  - Summer bridge
  - Scholarships (paid for by Lead Inst)
  - Engagement grants

- Supplemental Grants

- Expand programs at all COSGC institutions (1st/2nd year students)

- Robotics/Balloon Payload Workshops
Welcome to the homepage of the Colorado Space Grant Transfer Student program (part of the COlorado Undergraduate Retention in Science and Engineering [COURSE] effort).

This website is designed specifically to help Space Grant students transferring from community colleges to connect with Space Grant programs at the four year colleges/universities where they will be completing a bachelors degree. Here you can learn about Space Grant programs at all 16 affiliate institutions of higher education; apply for a scholarship and inclusion in a hands-on project; find contacts at all institutions, and contact information for the program leadership.

For faculty members there is information about the benefits of supporting a student.

We urge you to explore the site and contact us if you have any questions. Best of luck in your educational endeavors. We hope to see you in a Space Grant project at a 4-year institution soon!

If you have any questions about the program or how to participate, contact Bernadette Garcia at bgarcia@colorado.edu or 303-492-3141 or Gerardo Pulido at gerardo.pulido@colorado.edu or 303-492-3704.
Year 1 Report

Goal: 11 Students Awarded

- 20 Applications Started/Submitted
  - 1 student not US citizen*

- 13 Completed & Eligible
  - 3 students transferred out of state - declined award
  - 1 student deferred to Year 2

- 9 students awarded as Year 1 transfers
  - 8 fall & 1 spring
Year 1 Report

Colorado School of Mines:
David Choi (CCD)
Armando Lopez (CCA)
Alber Lima (CCA)
Harley Ihrig (CCA)

University of Colorado, Colorado Springs
Aaron Gayle (PPCC)

Colorado Mesa University:
Eric Perry (TSJC)
Camille Arne (TSJC)

University of Colorado at Boulder:
Arthur Gomez (CCA)
Brett Baker (CCA)
Gabriel Walker (CCA)
Jeremy Castellano (CCA)
Year 1 Report

Goal: 25 students engaged
(established and new projects)

Use of COURSE funds around the state:
- CCD - RocketSat mission
- PPCC - Additional DemoSat payload
- CSU - Summer interns
- CU - DemoSat payload (SHPE/MAES & SWE)

Demographics:
- 35 students received monetary awards
  - 23% women / 40% underrepresented
- 6 students non award
  - 67% women / 33% underrepresented
Year 1 Report

Goal: 40% women & 21% underrepresented

- 29% women
- 39% underrepresented
Lessons Learned

- 1st Generation Students
  - TRIO Programs
  - Other student support services

- STEM Demographics

- Credit Transfer

- Bridge on Transfer Campuses

- Connections with Current Students
Year 1
Supplemental Grant Awards

- CSU - Engage a greater number of students in robotics projects.
- CCD - Additional support for RocketSat mission (including student recruitment efforts).
- UCCS - Engage a student in a faculty research project.
- FLC - Engage a greater number of students in robotics projects.
- CSM - Support a team for the NASA Robotic Mining Competition.
Year 2

- Year 1 students engaged in projects
- Workshops – TBD
- 13 Transfer Program positions
- Applications due November 14, 2014!!
  - Website updated
  - Students can apply immediately
  - Gerardo/Berna available for questions

- 77% of affiliate awarded funds currently unspent (not counting engagement supplements and supplemental grants)
COURSE

Questions??
CCCE
Colorado Community College Expansion
Opportunity:

- Majority of funds and effort REQUIRED to be on community college campuses.
- NO funds could be to support students or programs at 4-yr institutions (tiny amt for program admin).
- Call to COSGC Membership for ideas
- Agreed it was a great opportunity to engage a few more Colorado community college campuses in the COSGC family.
CCCE Program

Part A: New Campuses (OJC, RRCC, Aims)

- Balloon Payload Workshop (like ACCESS)
- January 2015
- DemoSat projects on home campuses for 2 years.
- Can participate in other COSGC and NASA programs if interested.

Part B: All COSGC Community Colleges (PPCC, CCA, CCD, PCC, TSJC, OJC, RRCC, Aims)

- Summer Internships @ NASA Centers
- $2,000 scholarships for use at 2-yr institutions
- Students & Faculty: RockOn Workshop
- Some Funding for Release Time
- Year 2 Supplemental Grants
CCCE Program

STATUS:

- October 1 - Official start date
- Arapaho Community College
- Planning telecon with new campuses
  - Schedule 2-3 day workshop (January)
- Information will be disseminated to all COSGC CCs, including:
  - Internships/RockOn applications
  - Scholarship applications
CCCE Program

Questions?