PPCC: Recruiting Engineers for the Future

Affiliate Director: Liz Coelho

Astronomy Department

Pikes Peak Community College

Colorado Springs, CO

PPCC DemoSat

- Spring 2012: 4 students
- Spring 2013: 4 students
- Spring 2014: 11 students (35 applicants)
- Summer 2014: 5 students (16 applicants)
- Spring 2015 Target: 16 students

PPCC Recruitment

- 2012 and earlier: students recruited by faculty recommendation (primarily astronomy and physics students)

PPCC Recruitment FY 2014

- Applications sent to all faculty, all adjuncts & targeted also: HS division
- Put in “Potty Mouth” publication on all campuses
- Emailed to pre-engineering students
- Flyers posted on campus
- Announced at some campus events

DemoSat Team Requirements

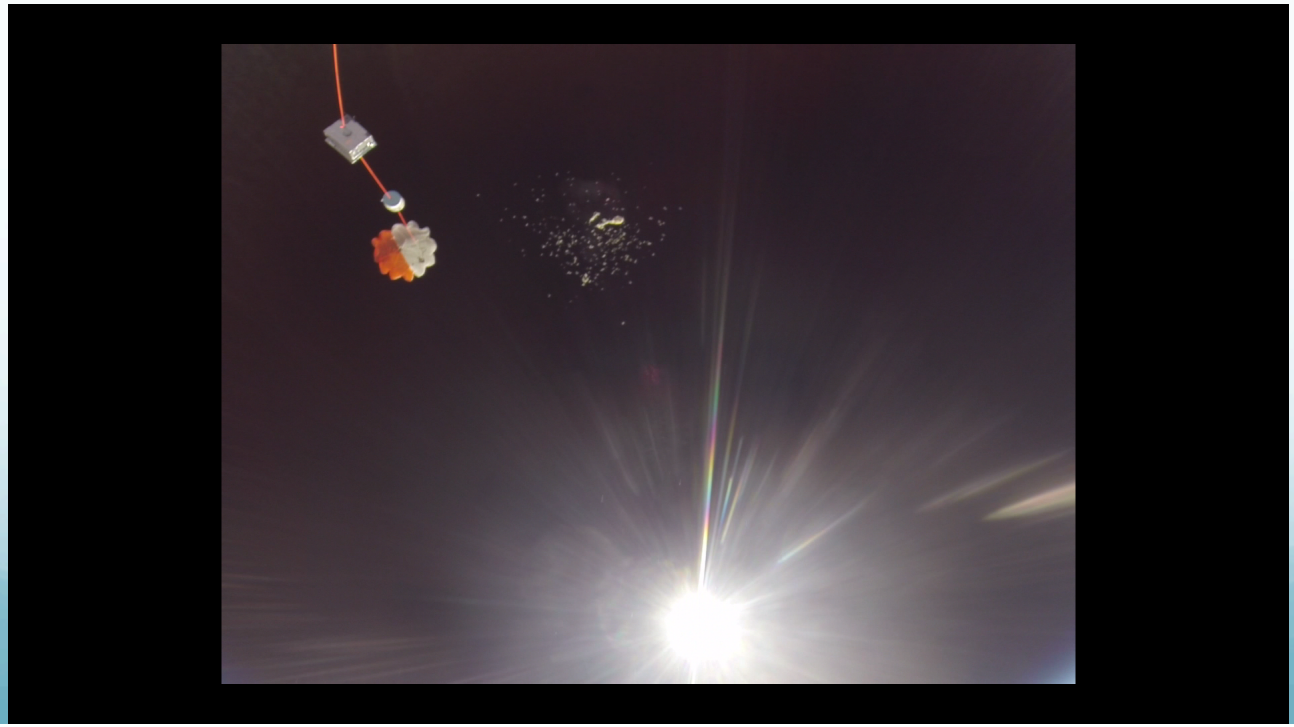
- Students must meet for a few hours each Friday
- Students must participate in all design reviews
- Students must write a final report
- New: Students must attend Research Symposium

Carroll doing some calculations

One of our many days in the lab

PPCC DemoSat Alumni

- Just this year former students transferred to 4-year programs at UCCS, CU-Boulder, Embry-Riddle Aeronautical University
- Students present at COSGC Research Symposium, AIAA Regional Symposium, 1 NCAS scholar



1st Annual

Colorado Springs Mini Maker Faire®

The World's Largest DIY Festival is coming to Library 21c

Saturday, October 18 • 10AM–4PM
FREE Admission!

IF YOU CAN IMAGINE IT, YOU CAN MAKE IT.

Maker Faire is a family fun festival to MAKE, create, learn, invent, CRAFT, recycle, build, think, play & be inspired by celebrating arts, crafts, engineering, food, music, science and technology.

FEATURING 100+ MAKERS, INCLUDING:

Rockets & Robots ▪ DIY Science & Technology ▪ Fire Arts ▪ Bicycles ▪ Arts & Crafts ▪ Electronics
Sustainable Living ▪ Circuit Boards ▪ Maker SHED ▪ Tesla Coils ▪ 3D Printing ▪ Kids' Activities
Alternative Energy Vehicles ▪ Arduino Kits ▪ Fabrication ▪ Food Makers ▪ and so much more!

SAVE THE DATE!

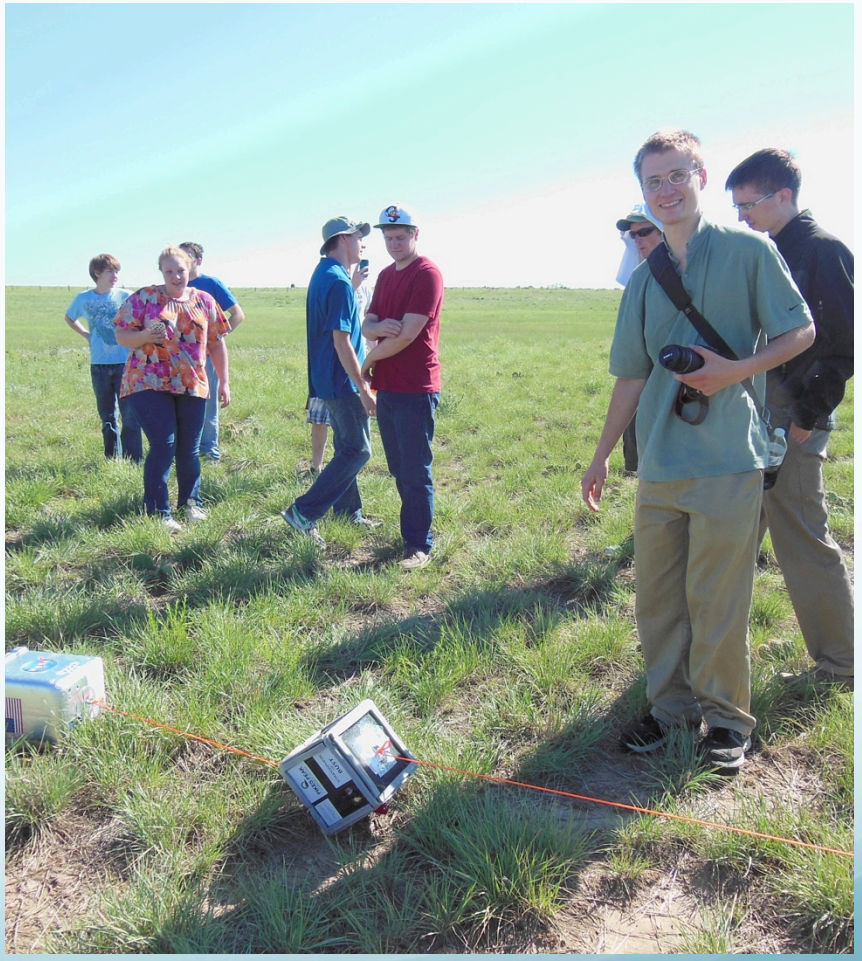
To participate and get more info, **check out the website »**

ColoradoSpringsMakerFaire.com

A PRODUCTION OF

Science Center · PPLD.org · Colorado Springs Science Festival · UCCS Center for STEM Education · Make: makezine.com

April 2014 Launch

April 2014 Flight and Recovery

Summer 2014