Who Are We?

THE UCI ROCKET PROJECT SOLIDS TEAM IS A HIGHLY SELECTIVE ENGINEERING DESIGN PROJECT SPECIALIZED IN AND DEDICATED TO SOLID PROPELLANT ROCKETS

Our Mission Statement

1. TO EXPLORE THE TECHNOLOGY AND THEORY OF AEROSPACE THROUGH INTERNATIONAL COMPETITIVE ROCKETRY

2. TO LEAVE A LEGACY OF STABLE SOARING ROCKETS FOR THE FORTHCOMING UCI SOLIDS TEAM

3. TO GRADUATE LEADERS DEDICATED TO A CAREER OF ETHICAL ENGINEERING SERVICE
OUR CHALLENGES

SPACEPORT AMERICA CUP
- Apogee of 10,000 feet
- Dual redundant avionics system
- Commercial solid propellant, M-motor

SPACE DYNAMICS LABORATORY PAYLOAD CHALLENGE
- Functionally independent, self-steering glider
- Ejects with main parachute deployment

GO-PRO™ VIDEO CHALLENGE
- On-board flight footage
- Documentation of design, fabrication, testing, and launch
- Sponsors featured
WHERE WE NEED HELP

**MONETARY DONATIONS**
Financial support is the best form of aid. Our budget limits the number of students able to attend Spaceport.

**DISCOUNTS ON PRODUCTS**
Discounts or donations on products effectively reduce costs in fabrication and assembly.

**GUIDANCE AND MENTORSHIP**
We need insight from industrial professionals to critique designs, manufacturability, material choice and other technical or operative discretionary issues.
# Become a Sponsor

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<th>Bronze</th>
<th>Silver</th>
<th>Gold</th>
<th>Platinum</th>
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**Company Logo Displayed in Lab for 1 Academic Year**

- Small
- Medium
- Large
- Extra Large

**Company Name Only**

- Only
HELP US MEET OUR GOAL

**BRONZE SPONSOR**
- $999 or less donation
- 5+ hours of mentorship
- General advice

**SILVER SPONSOR**
- $1,000+ donation
- 10+ hours of mentorship
- Design support

**GOLD SPONSOR**
- $2,500+ donation
- 15+ hours of mentorship
- Design Support

**PLATINUM SPONSOR**
- $5,000+ donation
- 20+ hours of mentorship
- Ongoing mentorship

**DIAMOND SPONSOR**
- $10,000+ donation
- $1,400
- $1,050
- $700
- $350

UCI ROCKET PROJECT
TIMELINE

FALL 2022
- Rocket Critical Design Review
- Payload Preliminary Design Review

WINTER 2023
- Rocket Fabrication
- Payload Critical Design Review
- Payload Fabrication
- Recovery Deployment Tests

SPRING 2023
- Full System Ground Test
- 2 Test Launches

SUMMER 2023
- Spaceport America Cup Competition

FOR MORE INFORMATION ABOUT ASSISTING THE UCI ROCKET PROJECT, CONTACT RYAN CHU AT CHURW1@UCI.EDU