



# UVA ROCKETRY

2025-2026 SPONSORSHIP PACKET

# ABOUT OUR TEAM

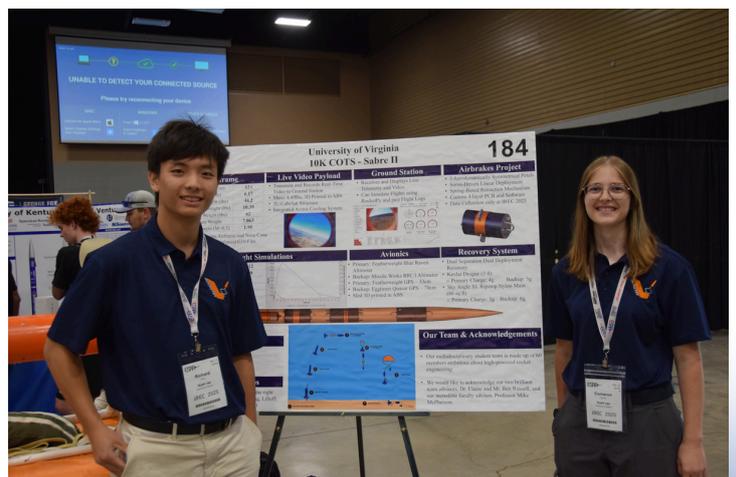
The UVA Rocketry Team is a student-run **Experiential Learning Program** associated with the University of Virginia's School of Engineering and Applied Sciences. Our team seeks to provide undergraduate students at UVA with **hands-on experience** in the design, manufacturing, and testing of launch vehicles and their sub-systems.

We entered the **International Rocket Engineering Competition (IREC)** for the first time in 2023, competing at the summer 2024 IREC. In June 2025, we placed **first in our category**, besting over 80 teams from around the world, and were named the **runner-up for the overall competition of 144 teams**, placing ahead of all other teams from the United States.



This year, we have been accepted to the **2026 IREC** and we will be returning with our new and improved rocket, *Sabre III*, with the goal of achieving the **highest score out of all teams** to win the **overall competition trophy**.

Our team also provides materials and mentorship to students on our team who want to pursue **high-powered rocketry** certifications. This fall, we had four students earn their **Level I certifications** through the Tripoli Rocketry Association, with several more students ready to launch next semester.



# WHAT WE DO

## Competition Team

- Designs and builds a rocket to compete in the **International Rocket Engineering Competition**
- Developing an **autonomous airbrake system** for precision apogee targeting
- Onboard camera to transmit **live video** during launches
- **Deployable rover payload** for entry into the competition's payload challenge

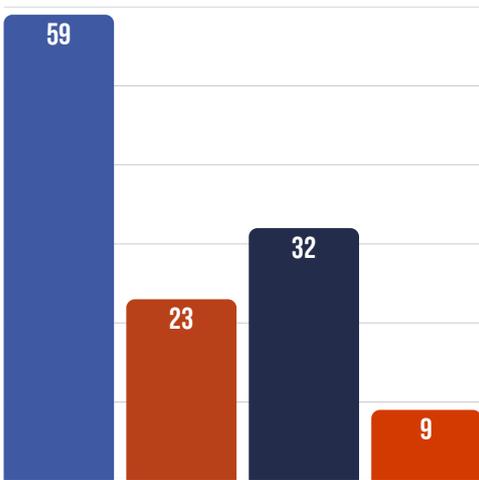
## Research and Development

- Multi-year project to design and build a **hybrid rocket motor** for future use in competition
- Developing **custom test stand** to support testing of different sized motors
- Building a scaled-down version to conduct our first **hot fire test** next fall 2026
- On track to launch the full-scale hybrid motor at the **2028 IREC**

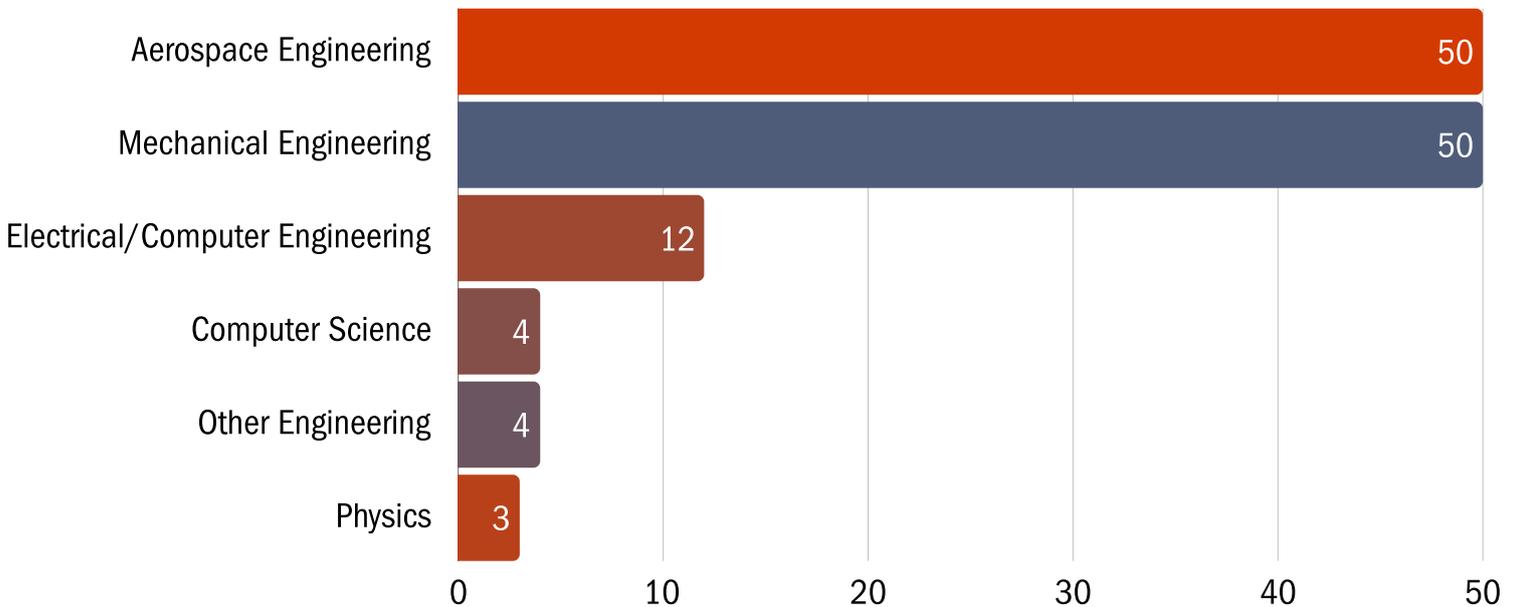


# TEAM MAKEUP

- FIRST YEARS
- SECOND YEARS
- THIRD YEARS
- FOURTH YEARS



**YEARS**



**MAJORS**

# WHAT IS IREC?

## The Competition

- The **International Rocket Engineering Competition**, held in Midland, Texas
- The world's **largest and most prestigious** intercollegiate rocket engineering competition
- Year-long challenge requiring teams to design, build, and launch a rocket to a **precise altitude**

## Our Challenge

- **10k COTS category**
- Design a rocket to reach an apogee as close to **10,000 feet above ground level** as possible
- Launching on a **commercial-off-the-shelf motor** from an approved manufacturer
- **Most competitive category** of the competition, with 105 teams accepted

**7,960**  
STUDENTS

**183**  
TEAMS

**19**  
COUNTRIES



# ACCOMPLISHMENTS

## 2025 IREC

- Second year competing
- **First place** in 10k COTS category
- **Highest score** out of all teams
- Runner up for **New Horizons Trophy** (judge's choice winner)

**Rocket:** *Sabre II*

**Apogee:** 10,019 feet

## 2024 IREC

- Accepted to competition in **first year applying**
- Successful launch and recovery, competing in 10k COTS
- 37<sup>th</sup> in category, 60<sup>th</sup> overall

**Rocket:** *Sabre I*

**Apogee:** 8,013 feet

We're a young team on a trajectory of success. We strive for excellence and improvement from year to year and we are excited to see where this year takes us.



# SPONSORSHIP PACKAGES

	Bronze \$500+	Silver \$1000+	Gold \$2000+	Platinum \$5000+
Logo on Website	X	X	X	X
Promotional Social Media Post	X	X	X	X
Logo on Rocket		X	X	X
Access to Team Resume Book		X	X	X
Logo on Team Shirts			X	X
Invitation to Future Design Reviews			X	X
Logo on our Rocket Livestream				X
Invitation to Speak to Team at UVA				X

AND A HUGE THANK YOU TO OUR SPONSORS...

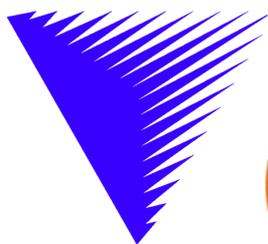
VIRGINIA  
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Parents Program



# PLEASE CONTACT US WITH FURTHER INQUIRIES...

 Website: [uvarocketry.com](http://uvarocketry.com)

 Email: [uvarocketry@gmail.com](mailto:uvarocketry@gmail.com)

 Social Media: [@uvarocketry](https://www.instagram.com/uvarocketry)

 LinkedIn: [UVA Rocketry](https://www.linkedin.com/company/uva-rocketry)

 Address: 510 Edgemont Rd, Charlottesville, VA, 22903



## OUR LEADERSHIP 2025-26



Anne Marie Branch  
President  
[dch6nf@virginia.edu](mailto:dch6nf@virginia.edu)



Edison Wong  
Chief Engineer  
[qcm5ap@virginia.edu](mailto:qcm5ap@virginia.edu)



Luis Garcia  
Treasurer  
[ngb2da@virginia.edu](mailto:ngb2da@virginia.edu)