

2024 - 2025



BULLDOGS RACING

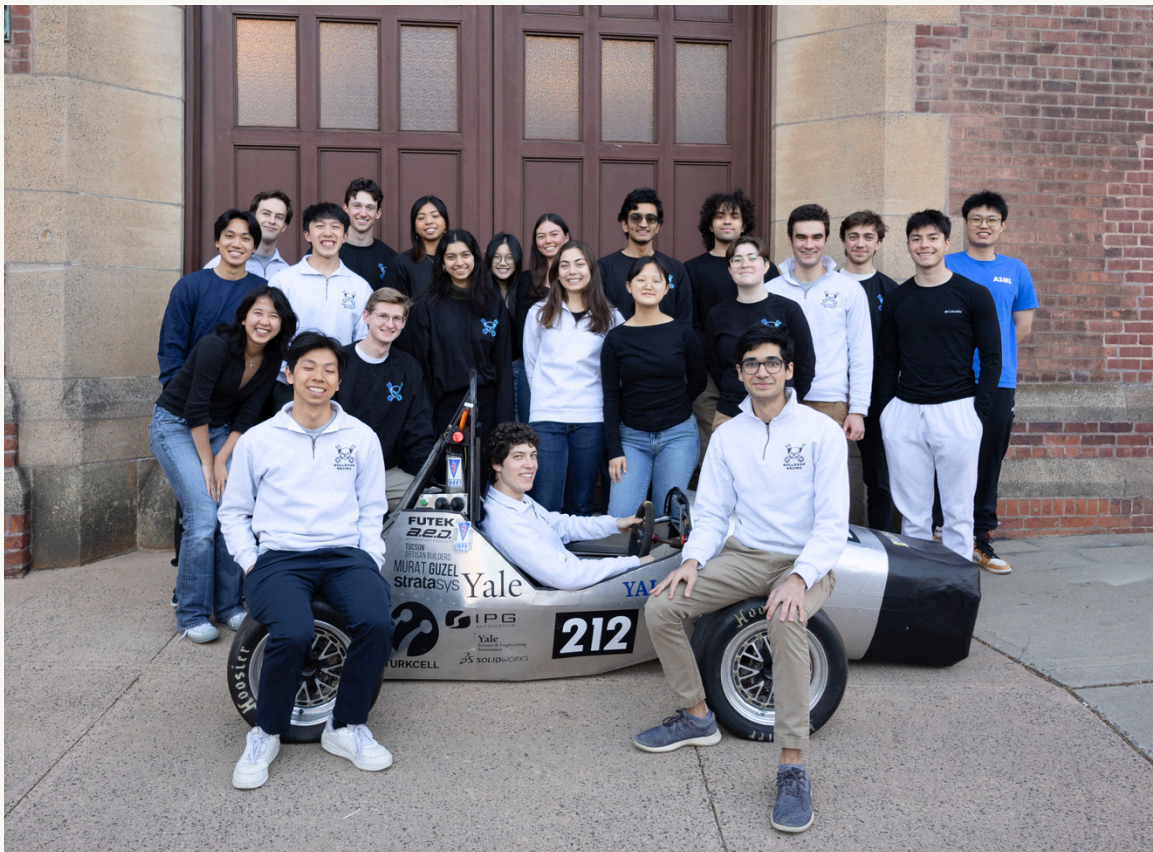
SPONSOR PACKET

YALE UNIVERSITY
FORMULA SAE TEAM

ABOUT US

Bulldogs Racing is Yale University's Formula SAE Racing team.

We design and build open-wheel, formula-style, electric racecars to compete in the Formula SAE Hybrid+Electric Competition. We'll be on the racetrack in Spring 2025.



The challenging demands of building a race car and maintaining a team give our members a head start for their careers. Our alumni become leaders in the automotive industry, academia, STEM, and business fields.

THE COMPETITION

Formula SAE (Society of Automotive Engineers) is an annual intercollegiate **racing series** that challenges universities from around the world to design and build an open-wheel, single seat race car.

Teams operate like **small-scale race car companies**, taking ownership of all the engineering, fundraising, and management.

An important but often overlooked aspect is **project management**. A race car cannot be built overnight, with countless teams trying and failing to prove otherwise every year.

Teams are **evaluated** on technical inspection, engineering design, cost, project management, race performance, and endurance.



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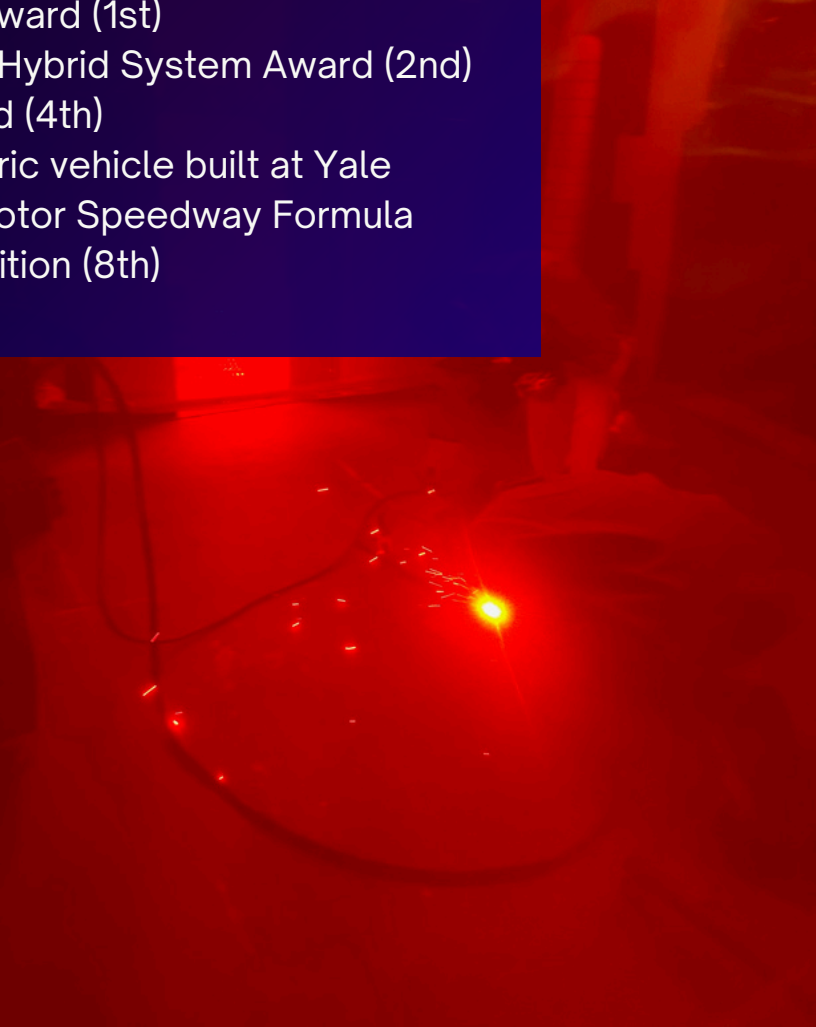
HISTORY OF SUCCESS

2024 - 2025

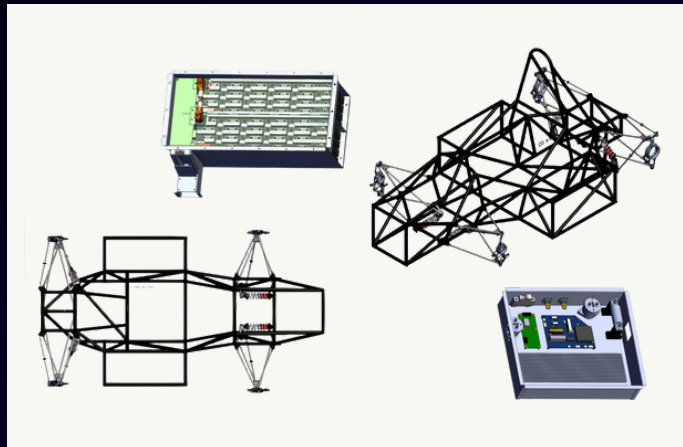


Team Highlights

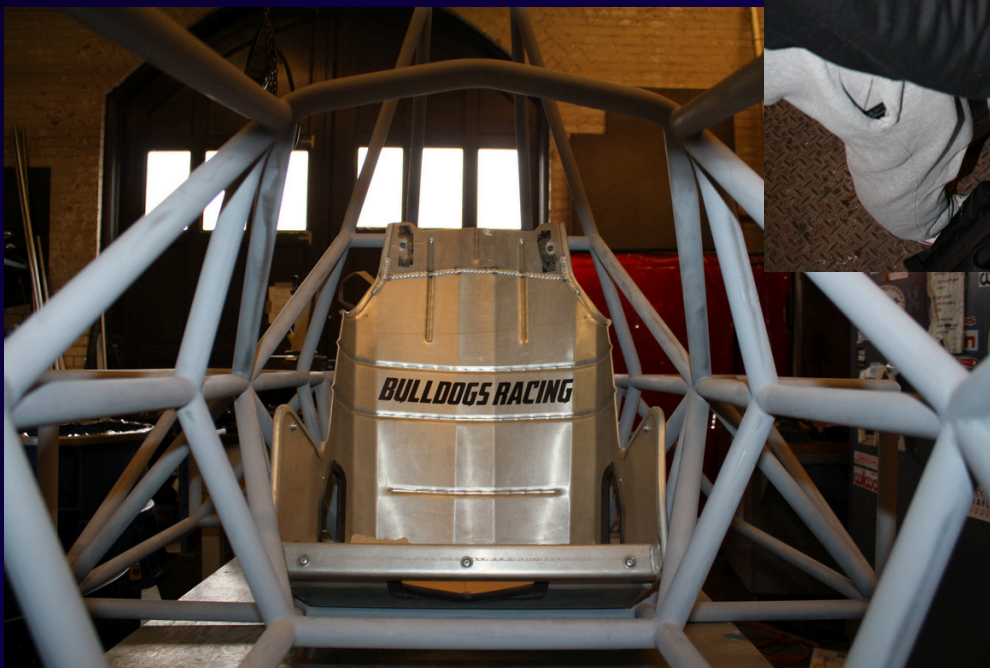
- 2010:
 - GM Best Engineered Hybrid Systems Award (2nd)
 - design finalist
- 2013:
 - Ford Most Efficient Hybrid Award (1st)
 - Chrysler Innovation Award (1st)
 - GM Best Engineered Hybrid System Award (2nd)
- 2014: Formula SAE Hybrid (4th)
- 2016 - 2020: 1st all-electric vehicle built at Yale
- 2023: New Hampshire Motor Speedway Formula Hybrid + Electric competition (8th)



SPECS - BR25



- Peak Power: 110Kw \approx 98 Hp
- Battery: 316 Nominal voltage
- 310 Amps peak current
- Calculated top speed: 105.6 km/h
- Calculated Acceleration: 13.9 m/s²



ALL - ELECTRIC



Since 2016, our team has focused on building **all-electric** racecars.

With support from Yale Engineering alumni and Tesla, we use professional grade cells in our design.



The automotive industry, especially for electric vehicles (EVs), requires well-trained engineers for innovations to make transportation safer, more efficient, and more sustainable.

PROJECT TIMELINE



SUMMER '24

All designs finalized and manufacturing plans completed. Update documentation for project management.

FALL '24

Subsystem manufacturing: suspension, bodywork, brakes, and tractive system completed.

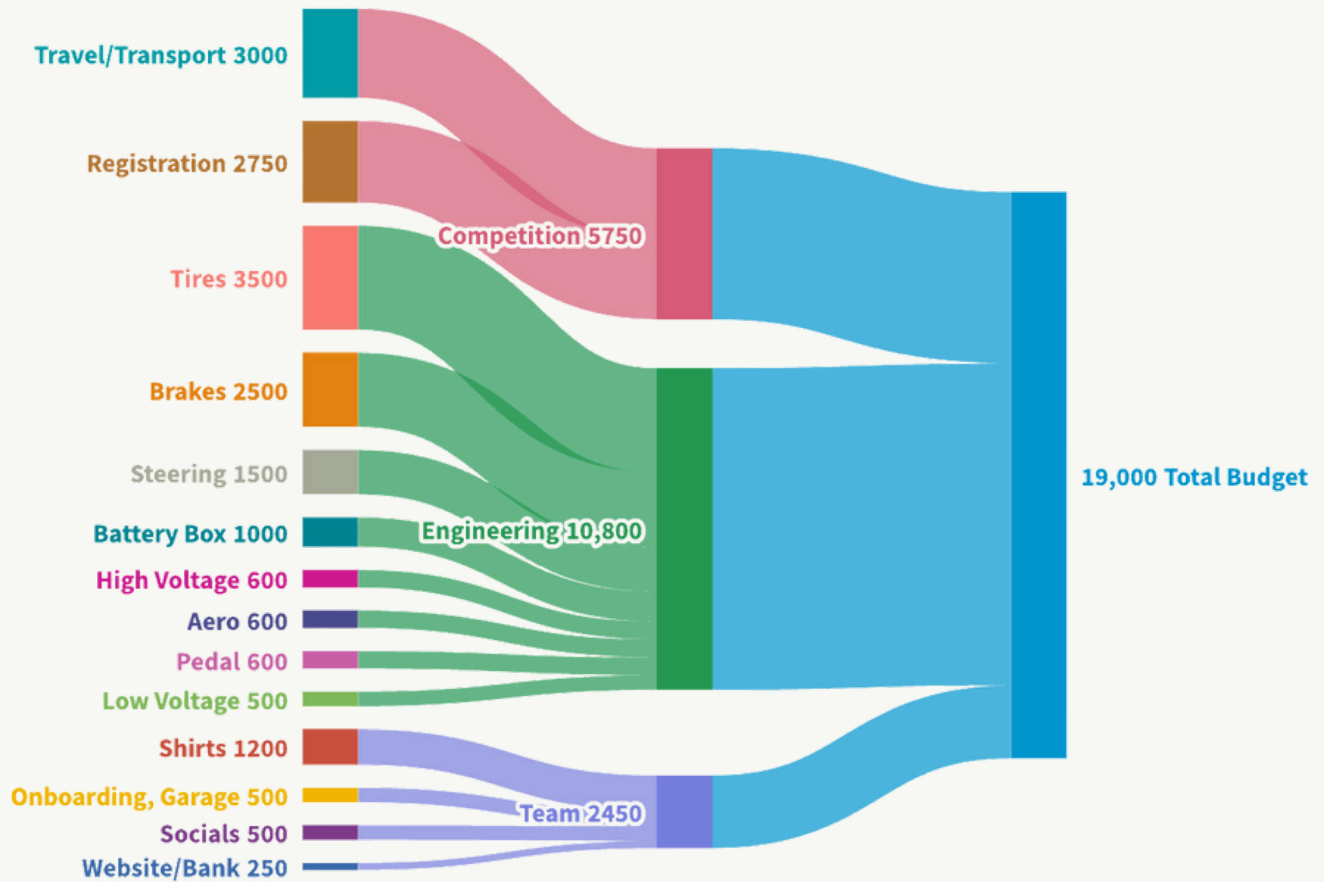
WINTER '24/'25

Manufacturing of powertrain and control electronics finished. Preliminary assembly completed.

SPRING '25

Track day testing, final adjustments, race day.

SEASON BUDGET



Total Estimated Costs: \$19000

Main Costs:

- Competition registration (\$2750)
- Competition travel and car transport (\$3000)

Wishlist:

- Team shirts (\$1200)
- Wet and dry tire sets (\$3500)

SPONSORSHIP

Our project is funded by individual and corporate donors who value innovation, business leadership, and engineering education.

Donations are made in all types and sizes — ranging from cash donations to in-kind donations of parts and services — and every gift is integral to the success of the team.

Benefit	Supporter \$50+	Bronze \$500+	Silver \$1,000+	Gold \$2,500+	Platinum \$10,000+
Logo on Website and Newsletter	XS	S	M	L	XL
Logo on Racecar		S	M	L	XL
Social Media Shoutout		✓	✓	✓	✓
Resume Book Access			✓	✓	✓
Team Swag				✓	✓
On-Site Car and Garage Tour					✓



CONTACT US

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