



WE ARE  
**WASHU RACING**  
2025-2026



**WASHU RACING**



**WashU** McKelvey Engineering

# Message From Our President:



WashU Racing is a team that challenges its members, including myself, to reach their highest engineering and professional potential. With the generous support of our sponsors, we transform our ideas into cutting-edge designs, allowing us to outperform our competition. Each year, the WashU Racing team designs, builds, tests, and competes with an open-wheeled formula style racecar. Through these hands-on projects, we are able to push the boundaries of what we learn in the classroom and take our education to the next level. Our team is composed of students from diverse backgrounds studying a variety of academic disciplines but we are united by our shared passion for engineering excellence and motorsport innovation. Driven by ambition, we strive to build a better car every year. This year, our goal is to place as a top 20 team at the competition in Michigan. To help us reach this goal, I kindly request your continued support or consideration to become a sponsor of our team and our upcoming 2025-2026 racecar project, WUFR-26. Finally, I, on behalf of my whole team, would like to express my sincere gratitude for your support on this exciting journey of building our newest and best racecar. Welcome to WashU Racing.

**-Suzy Schwabl**

# ABOUT US

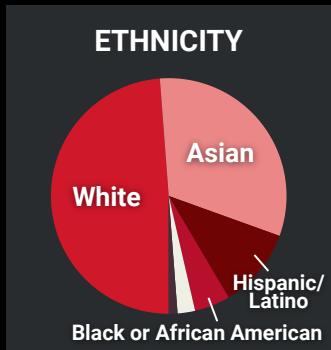
## WashU Racing: A Student-Driven Innovation Hub

Welcome to WashU Racing, a dynamic student-run organization with a mission to design, build, and race Formula SAE cars. Our dedicated team of over 80 students, both graduate and undergraduate, collaborates tirelessly to create a competitive racing machine.

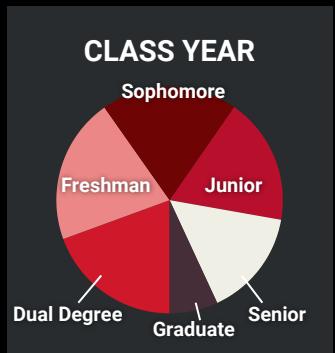
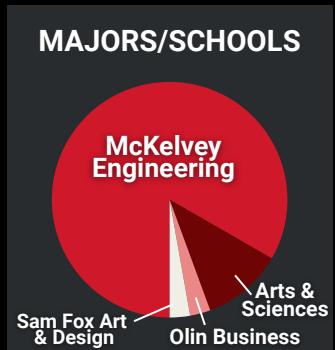
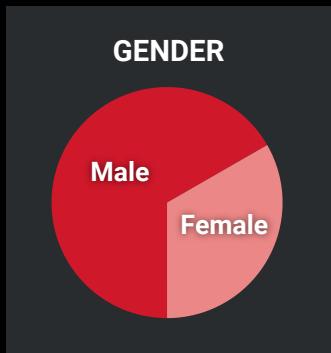
Every year, we take part in the Formula SAE Michigan competition, where we compete against more than 110 teams from around the world. Our car is rigorously evaluated in areas such as design, cost, acceleration, endurance, and overall functionality, culminating in an overall team score which reflects our collective efforts.

Thanks to your generous support, we continue to make significant progress. In our latest season with the WUFR-25, we placed 55th overall, 29th in the design event, and 51st in the cost event out of 110 teams.





# OUR TEAM:



# INVOLVEMENT & OUTREACH

At WashU Racing, we are driven by our shared passion for innovation and industry engagement. Our participation in motorsport events provides us opportunities to spread our mission, introduce our dedicated team members, and showcase the impressive capabilities of our racecar. We also focus on forming connections within the automotive industry, learning from seasoned professionals and staying at the forefront of cutting-edge technologies. Through our involvement, we've forged lasting relationships, gained invaluable knowledge, and contributed to the advancement of both our team and the industry.

## SOME OF THE EVENTS WE WENT TO & WILL GO TO:

**NTT Indycar Bommarito 500**  
June 14-15

**SAE/SEMA Career fair**  
September 27

**Formula Wheat @ Kansas State**  
October 4-5

**Indianapolis 8 Hour @ IMS**  
October 16-18

## WHY WE GO TO THESE EVENTS:

- Promote the mission, team, goals, and show off the racecar!
- Get involved within the industry



# OUR PROCESS

## 01: DESIGN

The design portion contains two phases. The first phase involves research to explore new ideas to improve the car. The second phase constitutes modeling these new ideas in CAD and analyzing their success.

## 02: REVIEW

Before a part can be manufactured and go on the car, it must go through a Final Design Review (FDR), an idea adopted from industry practice. These design review processes allow other members of the team to give input about the part, allowing space for further refinement and improvement

## 03: MANUFACTURING

After completing the FDR and getting approval for the part from the executive board, the drawings and CAD files are sent to the manufacturing team who devise the part.

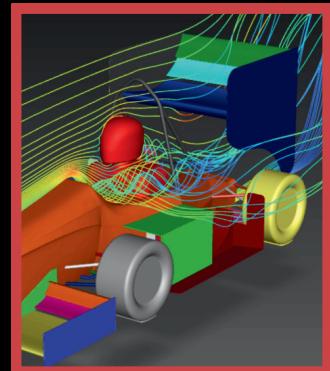
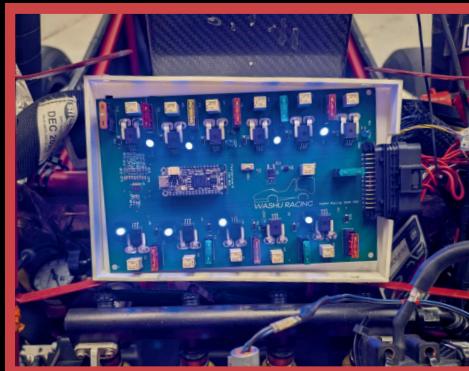
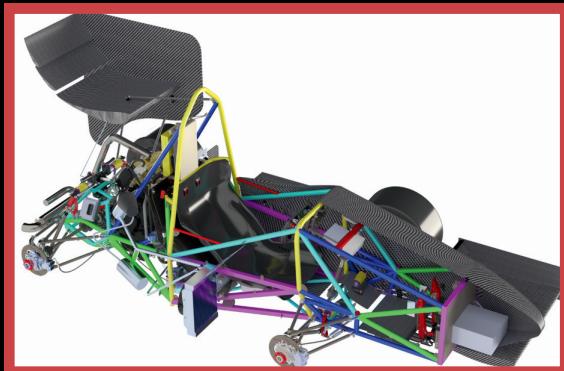


## 04: TESTING

We begin the testing process once we have a drivable car. On testing days, our team's hand-picked drivers practice driving while the rest of the team collects data and driver feedback on the car so we can make improvements before competition.

# WUFR-25 DESIGN HIGHLIGHTS

In our last season with the WUFR-25, the racecar experienced various significant system design developments. For example, Our EDA team greatly improved the reliability and adjustability of the overall system through a changed battery and connectors, maximizing our testing effectiveness and reducing the vehicle downtime. This set a good foundation not just to help the other systems best utilize the data recorded, but also set up a solid framework for future members to use and build upon. Additionally, our suspension team implemented an anti-dive front and anti-lift rear which were selected to maximize the aero package in terms of efficiency, performance, and consistency. These new anti-geometries allow for softer springs and enhanced grip essential for low speed cornering. Each detail of the WUFR-25 would not have been possible without the support of our sponsors and the team's exceptional and diverse skillset.



# CAR EVOLUTION



**2018**

Design Event: 48th  
Cost event: 25th  
Overall: 61st



**2022**

Design Event: 12th  
Cost event: 18th  
Overall: 37st



**2025**

Design Event: 29th  
Cost event: 51st  
Overall: 55th

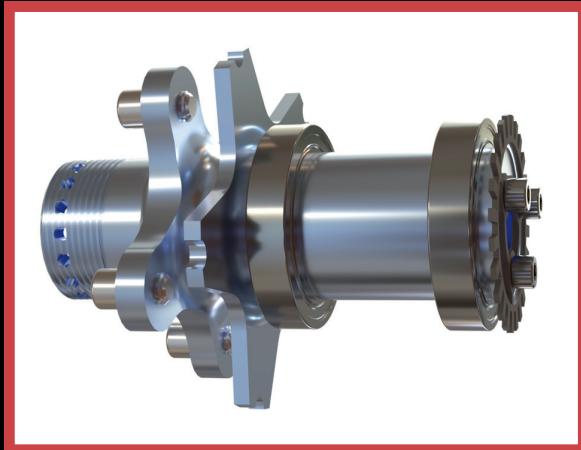


**2024**

Design Event: 32th  
Cost event: 8th  
Overall: 44st

# LOOKING FORWARD

Each year, our subsystems direct their exceptional skill-sets towards improving upon the previous year's car. We proudly showcase the latest developments to our racecar with the WUFR-26, as made possible by our dedicated team and the wonderful support of our sponsors. An example of our developments is our aerodynamics team working on an entirely new body for WUFR-26 in order to better fit around the new chassis and integrate with the aero kit. Some other changes include updating the intake design in response to some issues encountered last year, as well as redesigning the wheel hubs to optimize reliability.



# SPONSORSHIP BENEFITS

	COPPER <\$249	BRONZE \$500+	SILVER \$1000+	GOLD \$3500+	PLATINUM \$5000+	DIAMOND \$10000+
INVITATION TO ALL TEAM EVENTS	✓	✓	✓	✓	✓	✓
SUBSCRIPTION TO NEWSLETTER	✓	✓	✓	✓	✓	✓
SOCIAL MEDIA BENEFITS INSTAGRAM STORY/POST, LINKEDIN POST, ETC		✓	✓	✓	✓	✓
LOGO ON WEBSITE	SMALL	SMALL	MEDIUM	LARGE	LARGE	LARGE
LOGO/NAME ON CAR		SMALL	MEDIUM	LARGE	X-LARGE	CUSTOM SIZE
LOGO/NAME ON APPAREL		SMALL	SMALL	MEDIUM	LARGE	LARGE
USE OF TEAM WRITEUPS <small>FOR COMPANY'S PROMOTIONAL MATERIAL</small>					✓	✓
PROMOTIONAL USE OF CAR						✓
RESUME BOOK						✓

# THANK YOU 2025 SPONSORS!



# BEYOND FORMULA SAE

Alumni of Washington University Formula SAE are driven individuals with experience working in a fast-paced, real-world design environment. For many alumni, FSAE was a foundational experience that helped them get where they are today.

**BLUE ORIGIN**



**Ferrara**

DIVERGENT



**BOEING**

**CTC**

CHICAGO TRADING COMPANY\*



BAIN & COMPANY

**SPACEX**

**GUGGENHEIM**  
investments



**LUCID**

**NORTHROP**  
**GRUMMAN**



**TESLA**

**ICEYE**

**Raytheon**  
Technologies

**amazon** robotics



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