



BEAR DOWN FOR VICTORY:
WE ARE WASHU RACING

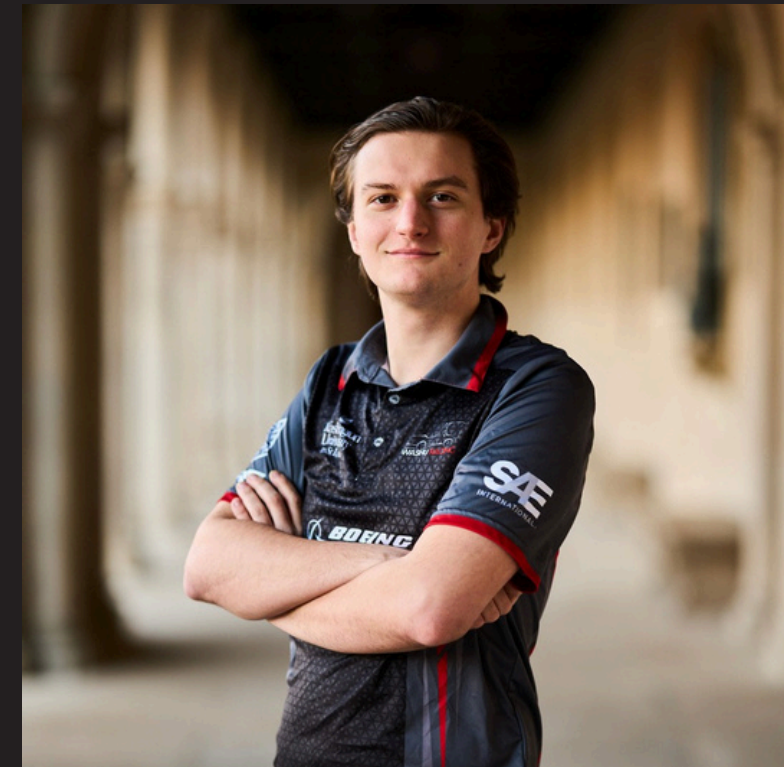
2024-2025



Message From Our President

For many of our members, including myself, WashU Racing has allowed us to gain professional experience with like-minded individuals. My academic and professional career would not be successful without the team and without the support of our sponsors, we would not be able to compete at such a prestigious level. For our team members, WashU Racing is the ultimate embodiment of classroom knowledge and research, where theory transforms into tangible reality, allowing them to construct a competitive race car. Moreover, it's a place where shared passions flourish, fostering a vibrant and inclusive community both in and out of the garage. We are a dynamic team comprised of students from diverse backgrounds and disciplines who unite annually to conceive, craft, and assemble a formula-style open-wheel race car before competing on the grand stage of the FSAE competition in Michigan. Given our past achievements and ambitious future goals, I kindly request your continued support or consideration as a sponsor for our team and our upcoming 2024-25 race car project, WUFR-25. I would like to express my gratitude for your past contributions while extending a warm welcome as you embark on this exciting journey of race car development alongside myself and WashU Racing.

- Jackson Ford



ABOUT US

WashU Racing: A Student-Driven Innovation Hub

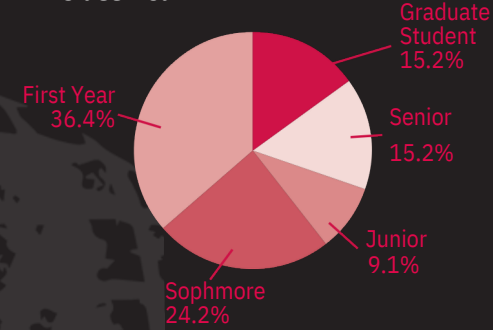
We are WashU Racing, a dynamic student-led organization with a clear mission: to design, build, and race Formula SAE cars. Our team of over 80 dedicated students, both graduate and undergraduate, collaborates tirelessly each year to create a competitive racing machine.

Our primary goal is to excel at 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. These assessments culminate in an overall team score, reflecting our collective efforts and achievements.

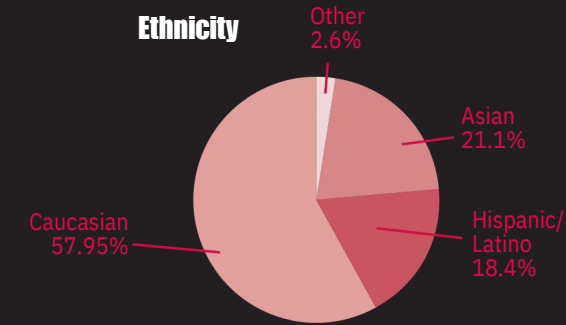
Thanks to your generous support, we continue to make significant progress. In our latest season with WUFR-24, we placed 44th overall out of 110 teams, demonstrating our commitment to steady improvement. We also secured 32nd place in the Design Event, highlighting our engineering innovation, and 8th place in the Cost Event, showcasing our ability to achieve high performance within budget constraints.



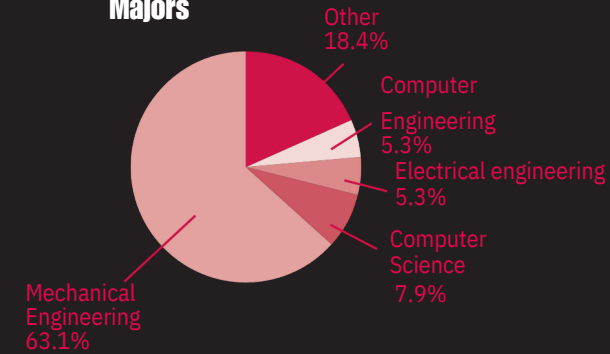
Class Year



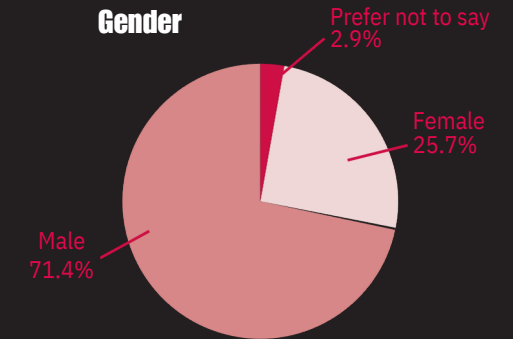
Ethnicity



Majors



Gender



INVOLVEMENT

At WashU Racing, our participation in motorsports events is driven by a shared passion for innovation and industry engagement. These events provide us the opportunity to spread our mission, introduce our dedicated team members, and showcase the impressive capabilities of our race car. Beyond racing, we focus on building 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. Join us on this exciting journey as we share our experiences and achievements at these events.

HERE ARE SOME OF THE EVENTS THAT WE WENT TO AND WILL GO TO:

May 28th - St. Louis SCCA Solo Autocross

June 4th - NASCAR Illinois 300 @ WWT Raceway

June 11th - St. Louis Soapbox Derby (Outreach for kids in STEM)

June 17th - American Flat Track @ The DuQuoin Mile

June 18th - St. Louis SCCA Solo Autocross

Aug 27th - NTT IndyCar @ WWT Raceway

Oct 6th & 7th - SRO Motorsports & GT World Challenge: Indianapolis 8 Hour @ IMS

Oct 18th - Formula Wheat @ Kansas State University



REASONS WE GO TO THE EVENTS:

- **PROMOTE MISSION, TEAM GOALS, AND SHOW OFF RACE CAR!**
- **GET INVOLVED WITHIN THE INDUSTRY**
- **CONNECT WITH INDUSTRY PROFESSIONALS**



OUR PROCESS

01: DESIGN

The design portion contains two phases. The first phase involves the team doing research to explore new ideas for the car. Then, the team moves on to the second phase, where the new ideas are modeled in CAD and analyzed.



03: MANUFACTURING

To complete the FDR, our executive board must approve the part. Then the drawings and CAD files are sent to the manufacturing team who devise the part.



02: REVIEW

Before a part can be manufactured and go on the car, it must go through a Final Design Review (FDR). This idea was adopted from industry practice. Design reviews allow other members of the team to give input about the part.

04: TESTING

Once the car is fully functioning, we begin the testing process. Our team's specially picked drivers will take our car out and simulate a competition track to help drivers practice driving the car, and for the team to collect data on the car so we can make improvements before competition day.



Design Highlights



We proudly showcase the latest developments to our race car with the WUFR-24, made possible by our dedicated student team and the wonderful support of our sponsors. In addition to implementing a new, precision-engineered, bevel gear steering system, reliability and consistency are the focus of the WUFR-24. Additionally, our new sensors and data acquisition system provide incredibly valuable, high-quality insights into our car's performance. The team also worked to fit a larger radiator and improved muffler system. Every detail of the WUFR-24 would not be possible without the support of our sponsors and the team's exceptional and diverse skillset.



CAR EVOLUTION

2016
Design Event: 74th
Cost Event: 68th
Overall: 74th



2024
Design Event: 32nd
Cost Event: 8th
Overall: 44th



2022
Design Event: 12th
Cost Event: 18th
Overall: 37th



2018
Design Event: 48th
Cost Event: 25th
Overall: 61st



Looking Forward



For our future build, WUFR-25, we plan to take the data obtained from the WUFR-24 to influence our changes. With the WUFR-25, we plan a revamp of the aero package, as well as a redesign of the cooling, exhaust and steering systems. Throughout the year we will continue to research more into new designs that will give our car a more competitive edge!



Sponsorship Benefits

| | COPPER \$249 or less | BRONZE \$500+ | SILVER \$1000+ | GOLD \$3500+ | PLATINUM \$5000+ | DIAMOND \$10000+ |
|---|-------------------------|------------------|-------------------|-----------------|-------------------------|--------------------------|
| Invitation to all Team Events | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Subscription to Newsletter | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Name on Apparel | | ✓ | ✓ | ✓ | ✓ | ✓ |
| Social Media Benefits Instagram Story/Post, LinkedIn Post, Etc. | | ✓ | ✓ | ✓ | ✓ | ✓ |
| Logo on the Website | SMALL | SMALL | MEDIUM | LARGE | LARGE | LARGE |
| Logo on Car | | SMALL | MEDIUM | LARGE | EXTRA LARGE LARGE | CUSTOM SIZED LARGE |
| Logo on Apparel | | | SMALL | MEDIUM | | |
| Use of Team Writeups for Company's Promotional Material | | | | | ✓ | ✓ |
| Promotional Use of Car | | | | | | ✓ |
| Resume Book | | | | | | ✓ |

Thank You 2024 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.



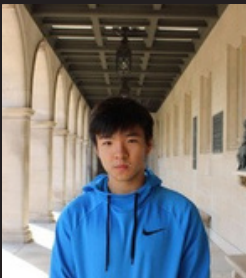
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