



# Goat Fast Racing

2022-2023 Sponsorship Information



# WPI

Society of Automotive Engineers  
Worcester Polytechnic Institute  
100 Institute Rd  
Worcester, MA 01609

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# Why you should sponsor

# ***Goat Fast Racing***

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## RECRUITMENT

By sponsoring WPI SAE, your company can tap into a talent pool of some of the most conscientious and qualified young engineers.



## PHILANTHROPY

Your support means that we can continue to learn engineering through hands-on projects. We are classified as a public charity, so your donation is tax-deductible.



## VISIBILITY

Our cars catch the eyes of thousands of people at WPI and hundreds more when we bring the cars to auto-cross races and SAE competitions.



## SUSTAINABILITY

Support the bright, young minds developing the technologies needed for a more sustainable future.





# OUR MISSION

The Worcester Polytechnic Institute (WPI) chapter of the Society of Automotive Engineers (SAE) is dedicated to improving engineering education through collegiate design competitions. Our team is made up of a 20-25 person senior capstone project as well as a club of 40-60 active members. We create opportunities for younger students to apply engineering principles to fun and practical projects beginning in their freshman year. These projects prepare students for our rigorous senior capstone project, the Formula SAE design competition. Our seniors are uniquely well-rounded from the communication, teamwork, and problem-solving skills that they develop through our design competitions.



# FORMULA SAE



## A HISTORY OF SUCCESS

WPI's chapter of SAE first participated in the Formula SAE competition in 1986 and has continued to compete at a high level. In recent years we have entered the top third of 120 teams in Formula SAE, while last year we came in fourth of 14 teams in Formula Electric while taking home the 'Excellence in EV Engineering' award!



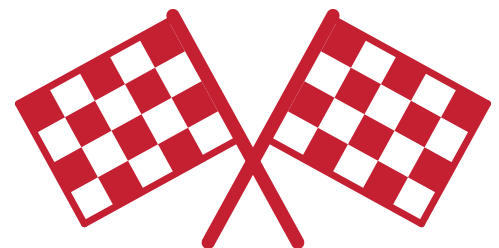
## **BUILT FOR PERFORMANCE**



Each subsystem of the car including the frame, suspension, steering, power-train, electrical systems, cooling, and braking is designed by students. Our team uses a variety of manufacturing techniques such as CNC machining, composite layup, and 3D printing to manufacture many of the custom parts that make up the car in-house.

## **TRACK-TESTED**

In the Formula SAE competition, students design and build a formula-style open wheeled race car. The cars are put to the test in a series of track events including an acceleration test, skid-pad test, auto-cross race, and endurance race. Students also present their design decisions to a panel of engineers from the automotive industry in a design review.

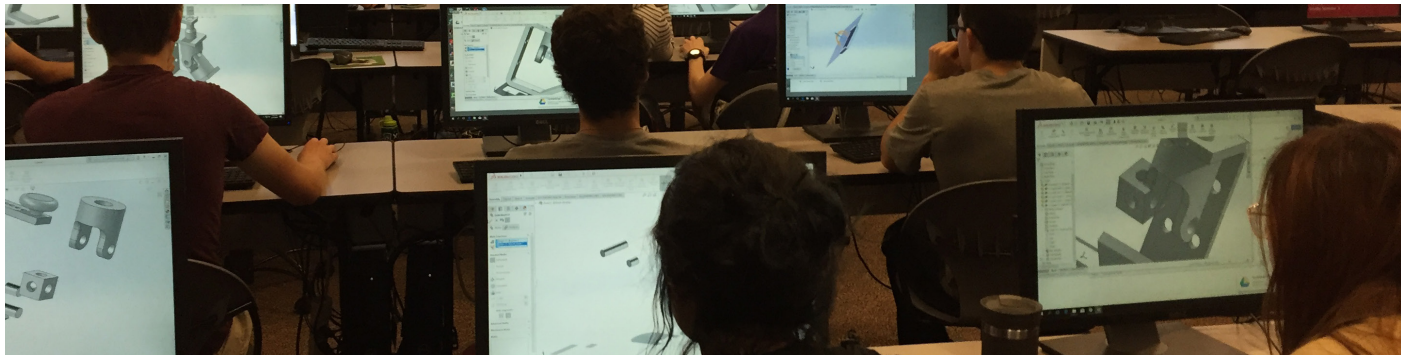
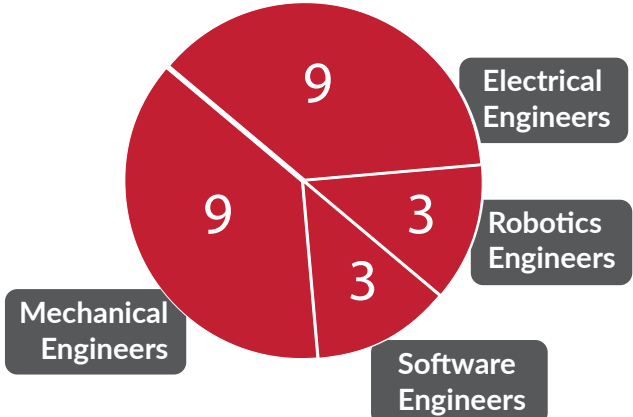




# FORMULA SAE ELECTRIC

This year, WPI students brought their first car to the Formula SAE Hybrid + Electric competition. To address the challenges of designing an all new electric power-train, we had tripled the size of our senior project team. Our team has become much more diverse and interdisciplinary with many electrical engineering, robotics engineering, and computer science majors joining the established mechanical engineering team. This new interdisciplinary team has researched, designed, and built new systems for the electric power-train. We have also been exploring cutting edge automotive technologies such as torque vectoring and regenerative braking. We believe that entering the electric competition has, and will continue to open an exciting new chapter of our team's history, and will serve as the basis of large, interdisciplinary capstone projects for years to come.

## Senior Capstone Project Members



# HOW YOU CAN CONTRIBUTE

Our team relies on generous donations from sponsors to buy materials and services needed to complete these design projects. We appreciate in-kind donations and monetary donations alike. Sponsorship benefits for in-kind donations will be evaluated based on the equivalent market value of the goods or services provided. If anyone at your company is interested in sharing their knowledge with the next generation of engineers, we love to have visitors talk to us and give presentations, and we also enjoy going out to our sponsors' locations to learn about how they operate.

## SPONSORSHIP BENEFITS

SAE International is a 501(c)(3) organization and thus, exempt from federal income tax. It is also classified as a public charity under sections 509(a)(1) and 170(b)(1)(A)(vi) of the Internal Revenue Code. SAE Collegiate Chapters and SAE Collegiate Design Series™ teams are considered SAE International, not independent entities. Therefore, they are eligible to receive tax deductible bequests, devises, transfers or gifts. Additional tax information is available upon request. Paperwork and receipts will be provided to all sponsors.

## PAYMENT INFORMATION



### Check:

If making a gift by check, please make checks payable to Worcester Polytechnic Institute and indicate "WPI FSAE Club" in the memo line. Checks can be sent to:

The WPI Fund  
100 Institute Road  
Worcester, MA 01609

### Online (with Credit Card):

Donations can be made at [www.wpi.edu/+giving](http://www.wpi.edu/+giving). Please enter "WPI FSAE Club" after selecting "Other" in the designation drop-down menu.

# SPONSORSHIP LEVELS

	<b>BRONZE</b> \$100-\$999	<b>SILVER</b> \$1,000-\$4,999	<b>GOLD</b> \$5,000-\$9,999	<b>PLATINUM</b> \$10,000+
Your logo on our website	✓	✓	✓	✓
Invitation to unvailing event	✓	✓	✓	✓
Spotlight post on our social media chanel	<b>Group thank you post</b>	<b>Individual thank you post</b>	<b>Short video showing your product/company</b>	<b>Longer video showing your product/company</b>
Your logo on our Racecar	<b>SMALL</b>	<b>MEDIUM</b>	<b>LARGE</b>	<b>X-LARGE</b>
Your logo on our Apparel		<b>MEDIUM</b>	<b>LARGE</b>	<b>X-LARGE</b>
Your logo on our Trailer		<b>MEDIUM</b>	<b>LARGE</b>	<b>X-LARGE</b>
Custom Benefits/Marketing			✓	✓
Our team visits you for a demo day / photo shoot (If HQ is within 50 Miles)				✓

# CONTACT INFORMATION

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# THANK YOU TO OUR 2021-2022 SPONSORS!



# WPI



# SGA

David Planchard  
Marie Planchard  
Winston Soboyejo  
John Sullivan

Gopal Amin  
Jamal Yagoobi  
Barbara Furhman  
William Appelyard

