

SAINT LOUIS UNIVERSITY



PARKS RACING TEAM

SPONSOR HANDBOOK

2021-2022

SLU PARKS RACING FORMULA SAE
FORMULA@SLU.EDU

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LETTER FROM THE BOARD



Dear Sponsor,

On behalf of the SLU Parks Racing Team, I hope you consider being a sponsor for our current season.

In the fall of 2021 it rested on five students to rebuild the club from the ground up. From restructuring, creating a knowledge base, and recruiting a team to accomplish the complex process of building a race car.

The FSAE competition is arguably one of the best ways for college students to gain experience in design, fabrication, and project management.

This year we are tackling our biggest challenge yet. We are a young team with little experience and little financial capital. We are dependent on your contribution and sponsorship to be able to compete with more senior teams.

Sponsoring our team helps us grow as engineers and partnering with us helps to build connections with those in industry. Sponsorship through expertise and time is equally as important.

We look forward to working with you!

The Board



MEET THE TEAM



2



THE EXECUTIVE BOARD



**TALON
KREIGER**

PRESIDENT

Manages the design and manufacturing of all mechanical components of the car. Suspension system lead.



**ANTONIO
HAMILTON**

VICE PRESIDENT

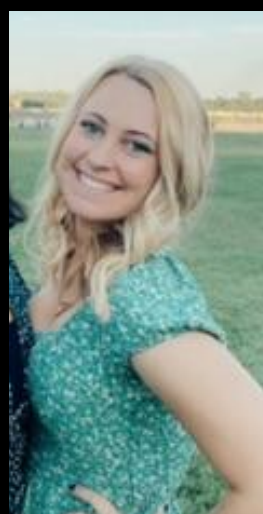
Manages the team and assists to the president. Ensures the team is on schedule. Drivetrain system lead.



**ANDREW
STACK**

TREASURER

Manages the team finances. In charge of ordering parts and talking to student government. Chassis system lead.



**ALLISON
THOMPSON**

SECRETARY

Outreach coordinator in charge of the Parks Racing social media. Powertrain system lead.



**MEGAN
O'SHEA**

SECRETARY

Manages the team website and lead documentor. Creates up to date records of the club. Body work system lead.

WHAT IS FSAE?



STATIC EVENT

Event Category	Total Points Awarded
Engineering Design	200
Cost & Manufacturing Analysis	100
Formal Presentation	75

DYNAMIC EVENT

Event Category	Total Points Awarded
Acceleration	100
Skidpad	75
Autocross	125
Fuel Economy	100
Endurance Event	275



ACCELERATION

Measures car's acceleration over a 75m straight track.



ENDURANCE

Measures car's durability and reliability over a 22km race with 15 laps around a track.



SKID-PAD

Measures car's cornering ability over a constant-radius turn over a figure-8 track.



AUTOCROSS

Measures car's maneuverability and handling over a tight course with a series of straights and turns.

VEHICLE HISTORY



2021

PR4 is focused on improvements to PR3. A lighter car with a smaller chassis and new differential design.



2019

PR3 has an updated carbon fiber body for weight reduction. Features an experimental suspension design.



2016

PR2 was very successful at 2017 Michigan competition. Received high honors for craftsmanship. Placed fourth in cost analysis.



2013

Club was reinstated. PR1 was built featuring a very small go kart like design.



2005

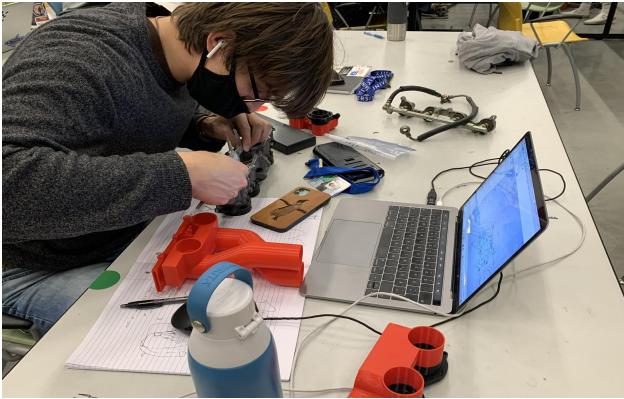
PR0 the first car built by Parks Racing FSAE. The team was very successful placing in competition.



OUR PROCESS



DESIGN PHASE



Parts are designed to regulations provided by FSAE rules. Utilizing engineering design principles.

MANUFACTURING

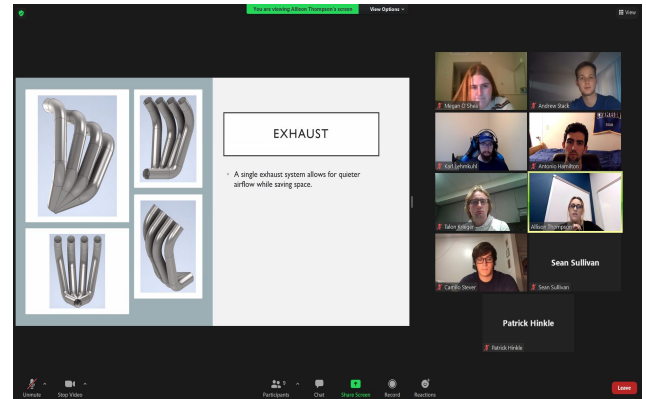


During the second semester the Parks Racing team will be in the manufacturing phase.

FUNDRAISING

To ensure that Parks Racing is able to continue its mission. The need for sponsors is a crucial aspect of the club.

DESIGN REVIEW



Our designs are presented and evaluated by those in industry at the end of the first semester.

TESTING



Parks Racing will begin testing in April to identify issues and be ready for competition.



COST BREAKDOWN



PER SUB SYSTEM COST

BODY WORK

11.9%

ELECTRONICS

5.3%

POWER TRAIN

39.2%

COMPETION EXPENSES

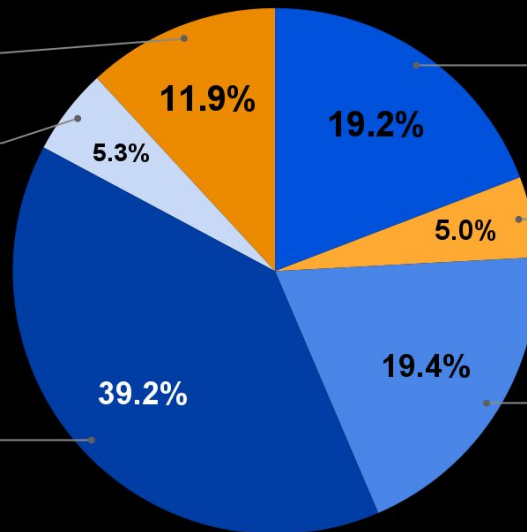
19.2%

CHASSIS

5.0%

DRIVE TRAIN

19.4%

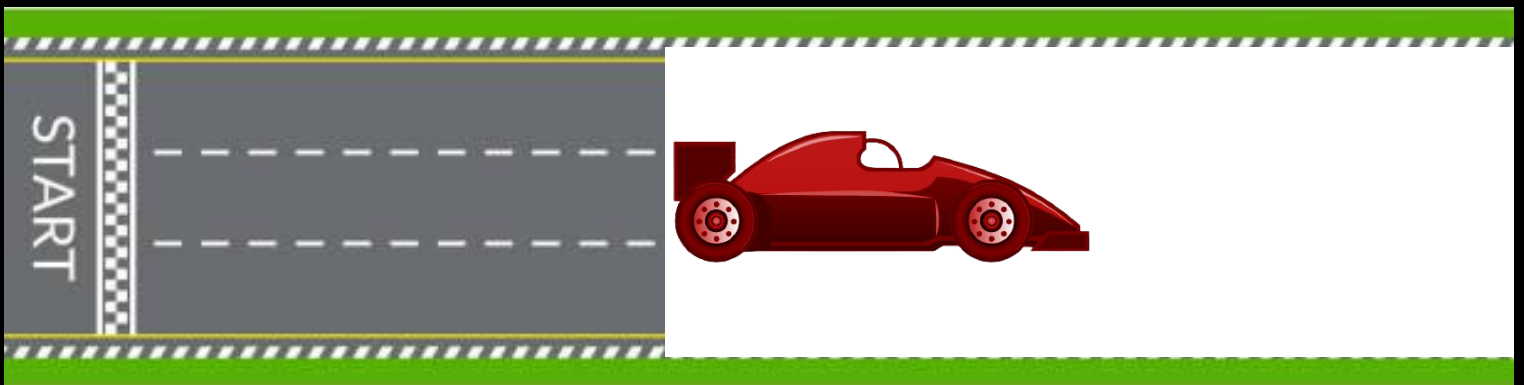


TOTAL COST PROJECTION: \$38,355

RECEIVED FROM SLU ANNUALLY: \$10,784


























RAISED: 8,759

GOAL: \$18,812



HELP US PAVE THE WAY TO SUCCESS!

- ## ***SPONSOR TIERS***

Sponsorship Level	NAME DISPLAYED		LOGO DISPLAYED			MONTHLY NEWS UPDATE	Gift		
	Banner	Trailer Graphic (2 ft²)	Car (8 in²)	Car (20 in²)	Helmet (4 in²)		3D Printed Replica	Team Shirt	Team Picture Print
BRONZE (\$25-\$99)									
SILVER (\$100-\$499)									
GOLD (\$500-\$999)									
PLATINUM (\$1,000 -4,999)									
DIAMOND (\$5,000 -\$9,000)									

THANK YOU TO OUR SPONSORS



CONTACT



FORMULA@SLU.EDU



OLIVER HALL 3450
LINDELL BLVD. MO
63103



PARKSRACINGFSAE.COM



(530) 317 7486

FOR DONATIONS



AIMEE.FOSTER@SLU.EDU

