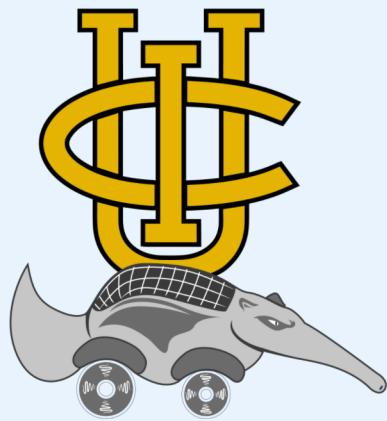


2019-2020

# SPONSORSHIP PACKET



# UC IRVINE SOLAR CAR

# ABOUT US

*Meet the industrious members of the UCI Solar Car team*



Driven by the aspiration of building a solar race car, a group of mechanical and electrical engineering students assembled in late 2016, starting the first engineering club dedicated to constructing a solar-powered race car at the University of California, Irvine. After receiving professional advertising from professors and mentors, the club officially became a team in early 2017.

Our team has grown to house thirty-two talented students from majors all across the board. Our goal has expanded beyond to just building a functional solar car. As a nonprofit organization at one of the top universities in the country, we aspire to generate public interest in sustainable technologies. Throughout the school year, we have spoken to high school students as guests about the grand potential in solar technologies. Our biggest long time goal is to participate in the American Solar Challenge. However, we must first compete in the Formula Sun Grand Prix in order to qualify for the American Solar Challenge.

# THE RACE

The American Solar Challenge, or ASC for short, is a cross country race that takes teams across the country. However, to qualify to compete in ASC, we must first place in the Formula Sun Grand Prix, a track event held on a grand prix style course. The Formula Sun Grand Prix will test the limits of our solar car in handling curves, braking, and acceleration. Our goal is not simply to compete, but to leave an everlasting mark on the race.

*"The American Solar Challenge (ASC) is a multi-day, 1,500-2,000 mile cross-country endurance rally across North America. The event is typically held every other year during the summer and is open to collegiate level solar car teams from countries all over the world. The routes have varied greatly over the course of the event's rich history, but they are always designed to provide teams with a great opportunity to demonstrate their solar cars under real world driving conditions and thoroughly test the reliability of all onboard systems. "*



MILES:

2,000

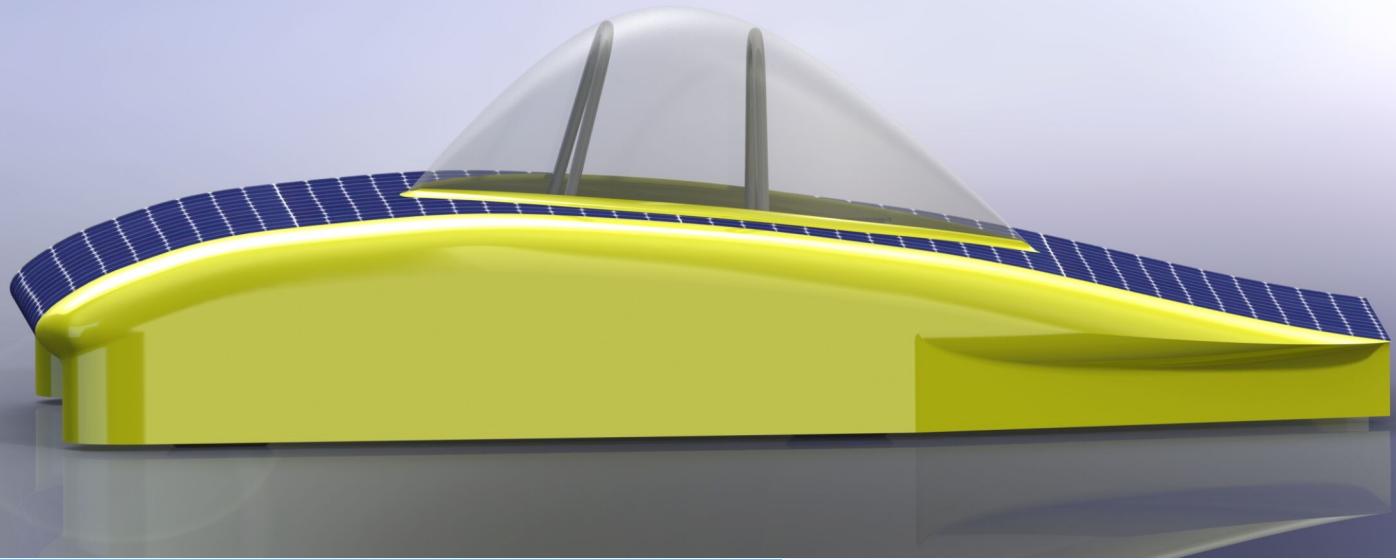
COLLEGIATE TEAMS:

18



# THE SOLAR CAR

Figure 1: Solar car render



Our entire car, with all components and driver included, weighs in at around 300 pounds. With our lightweight body and aerodynamic shape, we will be able to drive halfway across the country entirely by solar power.

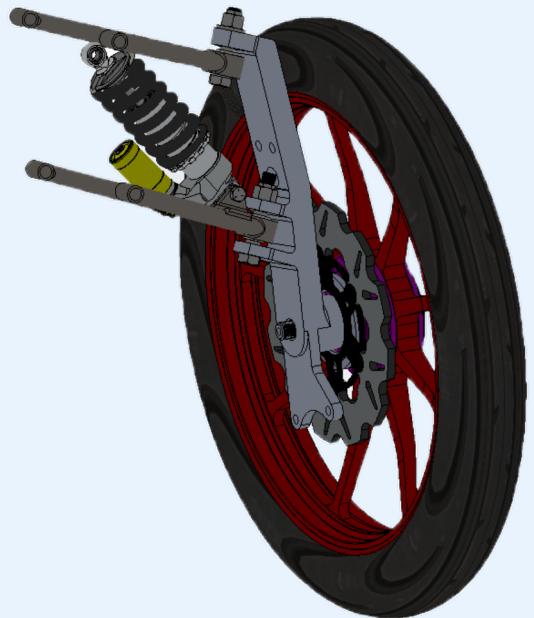
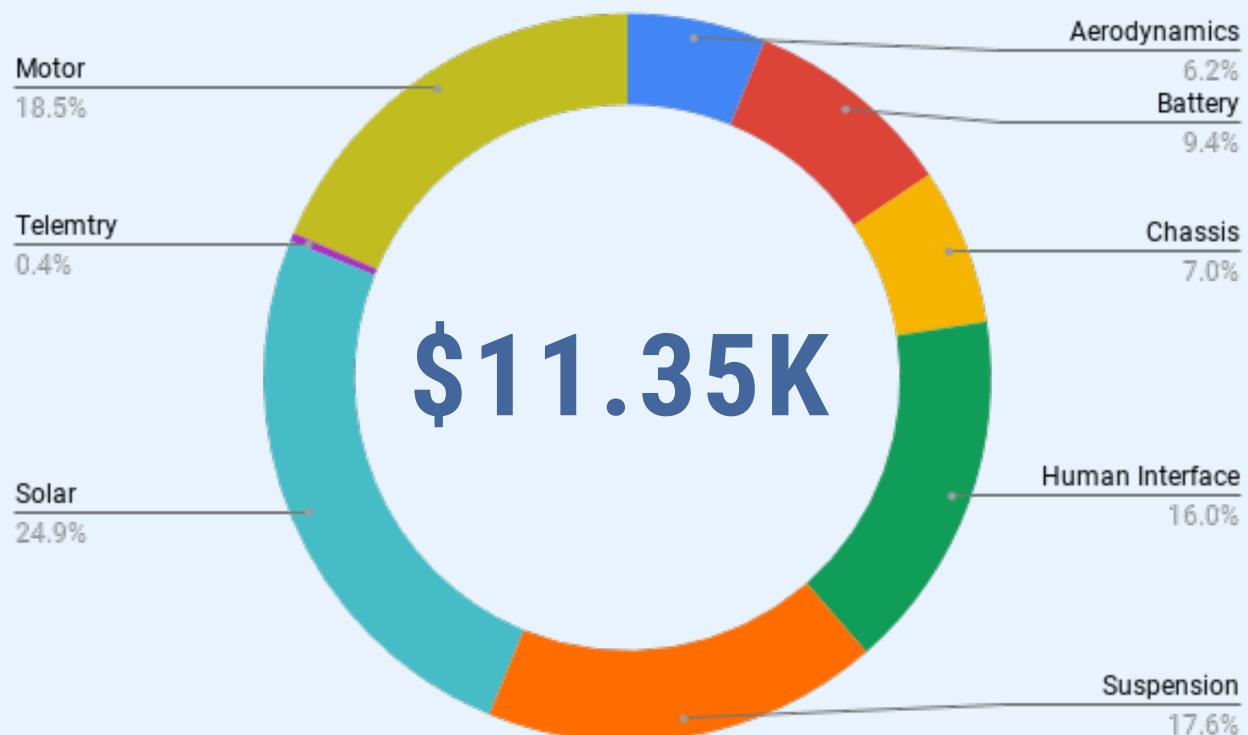


Figure 2: Suspension system



# SOLAR CAR COST FOR 2019-2020

Building a race car is not cheap, let alone a solar-powered race car. With all the donated funds and parts from our sponsors, we are still about \$11.3k short. The funds would allow us to buy the necessary parts to construct a safe and street legal race car that complies with the Formula Sun Grand Prix race regulations. Any funds or spare parts would be greatly appreciated. All donations, no matter how small, helps us reach our goal faster.

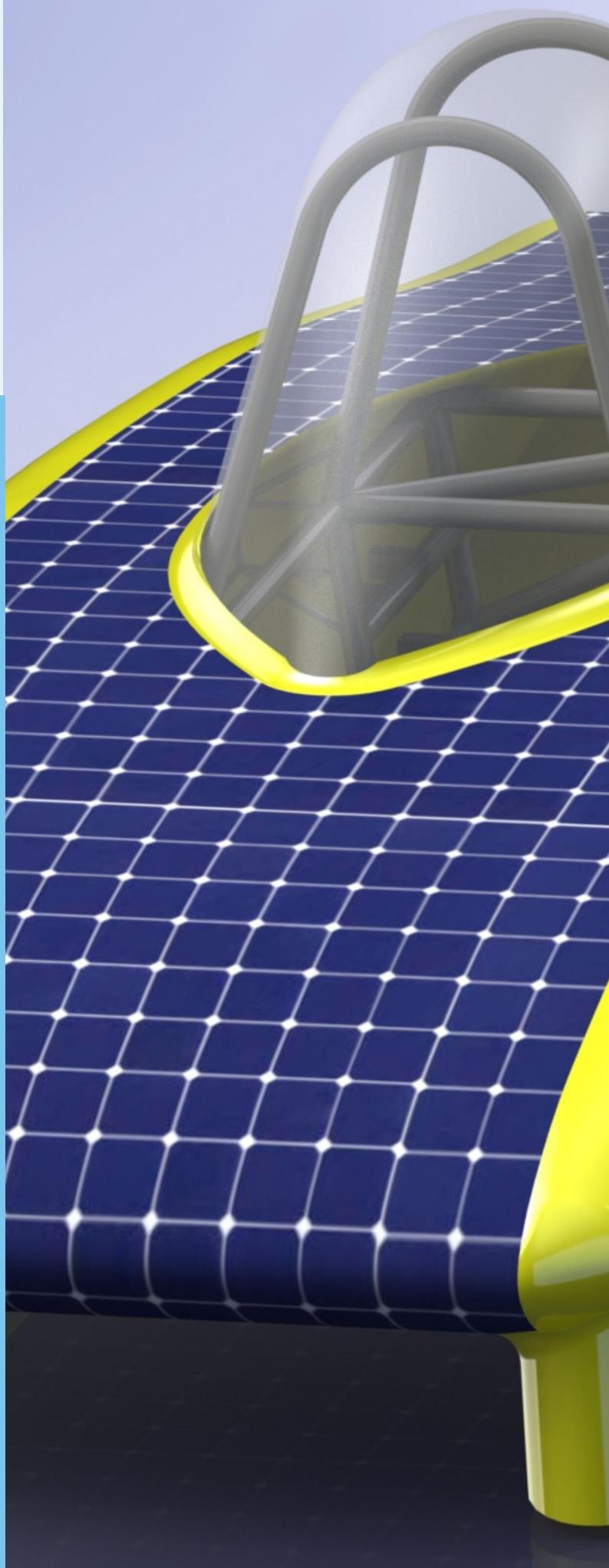


# HOW WE CAN HELP YOU

Our organization is very active within the community. We often visit car shows and frequently host guest presentations to high schoolers. Once we construct a fully functional car, we will be showcasing our project all over Orange County.

When you sponsor us, we will give our eternal gratitude by supplying you with all of our sponsorship benefits. Your company name will be imprinted in our car. You will also be on our list of sponsors in our website. Additionally, you will often be featured on our social media pages.

- Public exposure
- Publicity
- Shoutouts
- Sponsorship benefits
- Brand logo on our car



5200 Engineering Hall Irvine, CA 92617-2700  
ucirvinesolarcar.com

## UCI SOLAR CAR



## CONTACT US

Let's work together!

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+1 (808) 389-2023

[ucirvinesolarcar@gmail.com](mailto:ucirvinesolarcar@gmail.com)

Jack Brouwer, Advisor |

[jb@apep.uci.edu](mailto:jb@apep.uci.edu)