



Congratulations to our newly elected 2018-2019 Team Leads

Project Manager: Luis Rangel DaCosta

Luis aims to broaden the skill sets of members through increased sub-team interaction and integration.

Chief Engineer: Zachary Lewandowski

Zack's main goals are to transition to more comprehensive computational design and simulation practices in order to create a more refined design for our vehicles.

Driver Interface and Integration Team lead: My Do

My wants to use 3D printers to simplify the manufacturing process for more complex, non-load-bearing parts.

Body Team lead: Austin Osagie

Austin intends to have members interested in working with CAD design the 2020 car concurrently with building the 2019 car.

Engine Team Lead: Alexander Eskenazi-Gold

Alex plans to have a dynamometer set up to optimize engine performance. This will involve designing something novel (like a fan on a belt or an alternator on a load cell).

Race Strategy Team Lead: Jeremy Punch

Jeremy's vision includes having his team work as a medium

between the different sub-teams to fill in the gaps for tasks that interface between different teams.

Public Relations: Aditi Rajadhyaksha

Aditi is excited to increase recognition of Supermileage on campus.



About the Author

Hi everyone! My name is Aditi Rajadhyaksha and I am now serving as the Public Relations lead. I enjoy being on Supermileage because I get to learn about different disciplines of engineering, make friends, and have fun! Last year I was on the



Engine Team and this year I am on the Body Team. I am excited to keep you updated with the progress of the team. Please follow us on Twitter and Instagram (@umsupermileage) for more updates! Photo by Oscar Tan, Engine Team.

Austin Osagie, elected Body sub-team lead for the 2018-2019 school year, at the Winter Engineering Career Fair (left and top right) and working on the lay-ups for the carbon-fiber mold of the front canopy of Magnolia, the new battery-electric car (bottom right).

Austin is studying Computer Science and is on the undergraduate pre-medical track. He enjoys being on Supermileage because he can learn hands-on skills that he does not have the opportunity to learn inside the classroom.

We are looking forward to having him as our Body Team lead next year and can't wait to see what innovations he brings to the team!

Team Updates

Shell Eco-Marathon Preparation

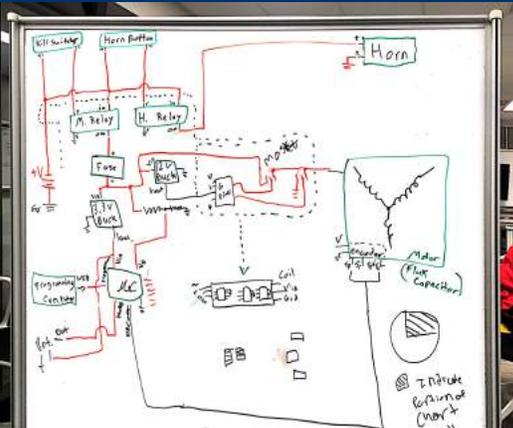
Project Manager Tyler Hall has been working hard to get our team through all the registration phases for Shell Eco-Marathon.



Shell Eco-marathon

The Electric Motor

The printed control boards that control the motor are currently being designed. Research is being done on microcontrollers and programming to function the motor control boards. The Electric Motor Team is also helping the new drivers practice their turns in Acacia, the retired battery-electric car.



The Body



The bottom half of the new battery-electric car Magnolia, made by Michigan Fiberglass, has finished curing and has had aluminum parts laid in it. The body was pulled out of the mold and has been returned to our workspace at the Wilson Student Team Project Center. The team is ready to construct and assemble Magnolia.

Thank you to Michigan Fiberglass!

Photo courtesy of Chris from Michigan Fiberglass.

Countdown to Shell Eco-Marathon

77 days

until our team travels to Sonoma, CA for the Shell Eco-Marathon Americas competition!



The Engine

Our new, lightweight starter motor is currently being coupled to our Honda GX-25 weed whacker engine. The Engine Team plans to have the engine running by this Friday!



Thank you to our Gold and Platinum Sponsors!



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