

FROM OUR PRESIDENT

January 18th, 2022

Dear Friend,

On behalf of the Longhorn Racing family at The University of Texas at Austin, I am reaching out to you for support during our 2021-2022 build cycle, and beyond. In 1980, our organization started the first Formula SAE collegiate design competition. Today, Longhorn Racing is a student-run, nationally competing undergraduate student organization dedicated to graduating strong and skilled students through their experiences with our three vehicle design teams and six operations committees. Through LHR, our students have opportunities to learn hands-on skills in engineering, design, manufacturing, and validation, as well as develop important soft skills for their future careers such as leadership, teamwork, planning, initiative, and independence.

I truly mean it when I say that our corporate and private partners are invaluable to the success of our organization. We quite literally could not do anything we do without them. My hope is that the information in this document will move you to join in our success as our newest partner. If you have any questions for me or would just like to learn more about Longhorn Racing, please do not hesitate to reach out. I am always happy to discuss our future with anyone. Thank you for your time, and we look forward to working with you for years to come!

Hook 'em,

Andrea Kalani
President | Longhorn Racing
B.S., Mechanical Engineering | May 2024
LHR@utexas.edu | (419) 348-1409

Andrea Kalani



DESIGN TEAMS



Formula SAE Combustion

Since 1981, our team has enabled students of all backgrounds to succeed and grow in their skill sets. With every build, we emphasize the design, manufacturing, and validation processes. This focus helps us gain both technical and professional experience and ensures that we improve year after year. We are excited to continue growing and to bring new ideas into our team with our new members this year.

Formula SAE Electric

Our young team is fueled by a culture of education, sustainability, and innovation. Our students have a front row seat to the electric vehicle revolution, gaining hands on experience with electrical components. We are also committed to learning and passing on that knowledge as the team continues to grow. In the coming years, we aim to maintain our explosive growth and continue our improvement at competition.



Solar Vehicle Team

We are a multidisciplinary team striving to build the fastest, most efficient solar powered vehicle. Since 1989, we have conquered real-world problems, challenging students in areas such as energy management, aerodynamics, and high-tech material fabrication. Our focus on renewable energy makes our team one of the greenest on campus. We aim to compete internationally in the next few years.



PAST, PRESENT, AND FUTURE



PAST— COMPETITION

Last summer, both FSAE teams competed at Las Vegas 2021. This competition was monumental for Longhorn Racing, as we were able to bring two completed vehicles to competition. As one of the few teams to bring vehicles to competition this year we are proud of our design team's work. The feedback and lessons learned from this competition have greatly influenced our new vehicle designs.

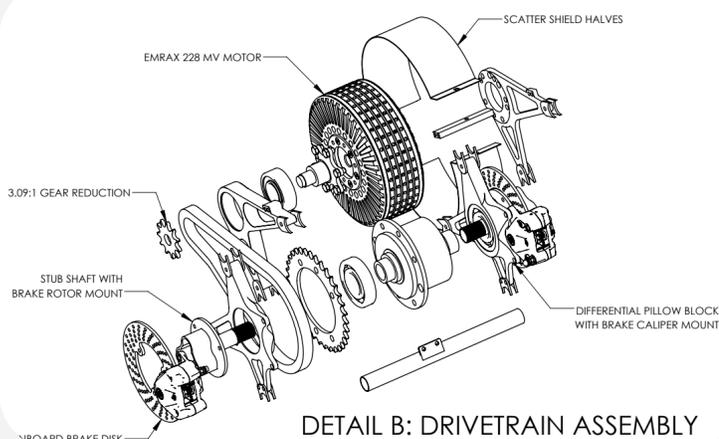
PRESENT — ORGANIZATION

In the 2020-2021 academic year, we saw a large growth in each design team. We're excited to welcome more new members again this year! As our teams grow, however, so too are our needs for tools and materials, especially as our design teams explore new materials and manufacturing techniques that require extensive research, design validation, and testing.



FUTURE — AMBITION

Despite our successes this past season, we realized that we have much to improve upon for our newest lineup of vehicles. Our combustion team plans to purchase a new engine and our electric team plans to develop a new battery management system. We are also about to begin manufacturing work for our solar team, in addition to the two FSAE vehicles we build every year. So, we need funding for all three new vehicles come to life



WE NEED YOUR SUPPORT

While the University of Texas provides us with laboratory space and facilities for our design teams, nearly all of Longhorn Racing's budget comes from corporate supporters and individual donors. We welcome donated materials and services; their fair-market value is used when determining level of support. Upon our receiving your contribution, you will be sent a letter of thanks that will contain all necessary information for your tax records, as well as an invitation to the unveiling of our new vehicles.

If you would like to learn more about our design teams, we encourage you to visit longhornracing.org for more information. If you are interested in making a donation to Longhorn Racing, please contact us or donate online at tinyurl.com/LHRdonate Thank you for your support!

Our commitment to you	Bronze \$2,500+	Silver \$5,000+	Gold \$10,000+	Platinum \$15,000+
Honored on Website & Social Media	✓	✓	✓	✓
Recognized in Newsletter	✓	✓	✓	✓
General Meeting Presentations		✓	✓	✓
Logo on Competition Vehicles	Name	Small	Medium	Large
Technical Talk Workshop			✓	✓
Off-Campus Networking Event				✓

Title Partner - \$25,000+

In addition to all the benefits available to platinum partners, we invite you to let us know how you would like to be honored. Bring our vehicles to exclusive events, help us design future vehicle liveries, and more!

Note: Should we not be able to use these donations for our 21-22 year due to cancelled races or other circumstances, we will work with you to apply them to a future event or project.