

# CLEMSON FSAE

## December Update



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## BARNESVILLE

In November, the team experienced a victorious weekend at the Barnesville Shootout event, earning 1st place among 5 southeastern teams. Both the Tiger 22 and 23 cars made an appearance, with the 22 being used for driver trials and the 23 competing in the race itself. During the event, many of our members stepped into the Tiger 22 and drove it for the first time, experiencing firsthand the result of the team's accomplishments. Thank you to all those who contribute to the team's racing success.

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## TOTALLY TUBULAR

Throughout the past few months, the chassis division, led by Evan Nagy, has been working diligently to optimize torsional rigidity and minimize the overall weight of the Tiger 24's tube frame. Evan's team utilizes the MOGA II algorithm, which alters chassis tube sizes and thicknesses, ensures the design passes the division's rules, scores the setup, and then compares each setup to one another. As the algorithm evolves, it learns what works and what doesn't, ultimately determining the ideal chassis design according to the chassis division's specifications and FSAE requirements.



## FAREWELL TO FSAE

As the fall semester comes to an end, our team members are making arrangements to begin summer internships and new careers upon graduation. A few businesses welcoming our members in 2023/2024 include BMW, Michelin, Lockheed Martin, Boeing, PKF O'Connor Davies, Itron, InTech Defense, and Team Penske in NASCAR. Gavin Santizo, Team Penske's newest talent, explains, "The experiences I've gained through Clemson FSAE have really set me up for success in the motorsports industry. What I've learned working on this team, including creating wiring harnesses, testing the vehicle, adjusting according to driver feedback, and working in a fast paced environment (often literally), has not only been a great experience in college but will translate to the professional level as well." This new batch of interns and employees adds to the many Clemson Formula alumni who have previously completed internships or are currently working full time at companies such as Roush Yates Engines, Alpine F1, TTI, and Juncos Hollinger IndyCar. As one can see, Clemson Formula SAE not only prepares members for careers in the automotive industry but in the greater workforce as well. The team wishes its members the best in their pursuits beyond Clemson.

