

Spring is the time for budding of flowers, putting on of shorts and sorting the FSAE car. Gator Motorsports has spent the sunny days of spring semester finishing, testing and tuning car 84 as the time until competition counts down.

Formula Update



Car 84's first drive was early March. The team has used every Saturday since to test the car with the aid of a mobile data acquisition system.

The car tested well all semester and boasts some impressive changes from last year. The car is about 40 pounds lighter than last year's, has better ergonomics, rotors that double as wheel speed sensors, a adjustable differential and several other improvements. Car 84 underwent a powertrain redesign, which includes new intake and exhaust systems and custom camshafts that reduce overlap and duration on the restricted engine. Both fuel efficiency and power are expected to increase by 10 percent.

Beyond getting the car testing, the formula team held weekly design and cost report meetings. Steve Fox, head design judge for FSAE, stopped by the Gator Motorsports shop in February. His lecture and visit gave our team valuable insight as we prepared our PDR and car for competition



On May 1st, car 84 was displayed to sponsors, family and faculty for the first time at our annual Unveiling. This event was a chance to celebrate the team's hard work before heading to Michigan for competition from May 12th -15th.

The day following unveiling the car was featured on local Gainesville 6:00 TV news.



University and Community Update

When not preparing the formula car for competition the Gator Motorsports team found the time to host service projects, meet with start-up SAE teams and celebrate E- week.

Gator Motorsports planned and hosted the annual SECME Olympiad mouse trap car regional event. At the event Gator Motorsports members judged local elementary, middle and high school students' mousetrap cars on technical drawings, reports, interviews and distance traveled. The event provided the opportunity for members to be on the opposite side of judging for once.

A World in Motion outreach day was held this semester for students from Bolles Middle School's robotics team and math club.

In spring the team got to spend some a few hours sharing our love, knowledge and experiences of student design projects to two newly founded SAE International chapters from Santa Fe College and the University of North Florida. Both teams were given a tour of our facility, and had a question and answer session with our members and faculty advisor. We hope to continue our relationship with both of these local chapters as they prepare for their first competitions in 2011.

Gator Motorsports celebrated Engineer's Week by participating in the Science Fair, E-bowl and Swamp Fest. Our E-bowl team won 2nd place

This year Gator Motorsports is proud to announce it won runner up for Ideal's Student Organization of the Year Award (the most prestigious student organization award) out of UF's 800+ student organizations. Gator Motorsports also received BEC's Best Technical Society and Best Website for the third year in a row.

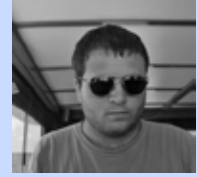
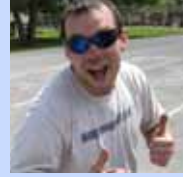
One new addition to the Gator Motorsports team this semester is a reinstated Public Relations team. Communications and Journalism majors Megan VanDerSnick and Cassie Hudson spent the semester developing a PR plan to for the program to use next year to improve communication with new students as well as sponsors. Be sure to follow us on twitter (UFSAE) and keep your eyes open for other new developments throughout the upcoming year.



Members of the Month

Congratulation to our Members of the Month: Akeim, Patrick, Luther and Travis for the months

of January, February, March and April respectively. It has been a good design and building season. Your dedication and hard work set the bar. Gator Motorsports is lucky to have members like you.



To Our Sponsors

Thank you to our sponsors, families and supporters. As we head to Michigan to compete you will be with us in spirit; we could have never done it without you! We have produced a great car this year and are excited to showcase it along with your names and logos.

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