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Organizations: ASCE, BMES, & ECO-CAR

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The American Society of Civil Engineers (ASCE) and The American Institute of Steel Construction (AISC) has had a great start to the year! We have attended several on-campus organization browses that were geared towards bringing in freshman to ASCE/AISC. We have had several freshmen join our student chapter that are excited to get involved with ASCE and AISC. This year, we also held our first ever Civil Engineering Week on Louisiana Tech's campus. During Civil Engineering Week, we hosted several industry meetings and wanted to give students a chance to see some of the possibilities and career options that are available with a civil engineering degree.

We are also excited to see the progress we have made so far with our concrete canoe and steel bridge teams. We've had several canoe meetings to discuss this year's canoe theme, design, and mix. We have also begun our concrete canoe racing team practices. For steel bridge, we have had several design meetings.

In December, members of ASCE attended the Asphalt Road-eo competition in Texas where they designed and manufactured an asphalt slab for rutting, skid resistance, cracking, and sustainability testing. During Winter Quarter, we had our canoe pour day, more industry speakers, service events, and general body meetings. With such a great start to the year we are looking forward to the events that we have coming up.



The Biomedical Engineering Society (BMES) has been working on some large events this year. Originally, a biomedical engineering career fair was slated for the fall quarter. This event had to be cancelled due to outside circumstances, but we are now working to bring these companies to the spring career fair. In addition, we are setting up a professional development event for both industry and graduate school. Our mentorship program has also been gearing up. This past quarter has been spent pairing up mentors and mentees, but this upcoming quarter has a few larger events kicking off with a lock-in at Lambright.

However, we have fun activities beyond the more professionally focused events mentioned above. Our Christmas party, a potluck-style event open to the entire university, occurred just before the Christmas break. This event was one of our biggest last year and achieved the same result this year. Who doesn't like live music and free food? As the cold weather set in, we also offered hot chocolate at our upcoming study sessions so students could stay warm while working out homework problems with the assistance of our student tutors. Finally, we offered a community service project opportunity to our members so they could help better the community we find ourselves in for four years. You'll have to wait to see what the event is so keep your eyes peeled for an upcoming email...



BULLDOG DEVELOPMENT TEAM

LOUISIANA TECH UNIVERSITY - COLLEGE OF ENGINEERING AND SCIENCE

The Louisiana Tech Eco-Car team is on a roll this year. Literally. We've recruited new members, installed new student leadership, and members worked it out for a chance to drive at competition. Some drivers were running practice laps in Apawlo, the gasoline car that made its debut in Sonoma, Calif., at the Shell Eco-marathon Americas 2019, by the end of the fall quarter.

To top it off, the Louisiana Tech Bulldogs football team welcomed Apawlo, driven by Andrew West, to the field on October 19 to deliver game balls to the referees. The short drive in front of thousands of attendees celebrated the STEM Day game at Joe Aillet Stadium.

We've also built a battery electric (BE) car, that is already breaking team records. The chassis for the BE car is the lightest our program has ever seen, weighing under 20lbs. The chassis is strong enough to support the full body of the design, including the mechanics and driver. The BE car will also sport the classic pass through design that the program used on XX, Diesel Dawg, and Champ, for those who remember.

We've spent time upgrading components inside of Apawlo too, like the steering wheel features and casing. During the summer, an engine swap was done on the car by senior mechanical engineer, Luke Moreau and his big brother, Beau. The pair's dedication to the car during the off season will make an obvious and incredible difference in April 2020.

In October, both Louisiana Tech cars passed phase 1 of registration for the 2020 Shell Eco-marathon. The team is looking forward to showing off at competition both on and off the track in early April at Sonoma Raceway. Follow the team on Facebook, Twitter, and Instagram to keep up this season: @latechecocar.