



SYRACUSE UNIVERSITY MOTORSPORTS

Syracuse University Formula SAE Team Newsletter January 2015

Meet the Team!

Ryan Olson

Originally from Princeton, New Jersey, Ryan is a first year graduate student here at Syracuse University and he received his Bachelor's Degree in mechanical engineering in 2014. Ryan has been Senior Team Member since Fall of 2013, and spends most of his time helping underclassmen design and fabricate parts for the car. The majority of the welding done on the car as it stands today was completed by Ryan!

Colin Pritchard

Colin has been involved with the SU Formula SAE team since fall of 2013 and has helped the team grow from 10 members to the 30+ that it has now. Colin received a B.S. in Mechanical engineering
(cont. on page 2)

Syracuse FSAE Happenings

This semester has been exciting for the Syracuse University Formula SAE team! We started the semester with high energy and high hopes for the year, already planning our trip to the June competition. First thing on our list? Get a rolling chassis to show the university that the team is motivated and worthy of funding. In order to give all members the experience they are looking for, as well as accomplish our goals, the team was divided into separate crews. Ryan, Colin, Nick, Oliver, and Gabriel drafted teams and went to work. Ryan's team began by working on the firewall and engine remodeling while Colin's team got to work on designing a paddle shifting component and suspension. Finally, the electrical crew, headed by Gabriel, began brainstorming the car's efficiency.

With many members dedicating their time in the shops or working on the computers, Oliver's team got to work writing letters to potential sponsors. As of today, SU Motorsports is proud to be sponsored by BASF Corporation, Snap-On, Syracuse University, Quicksilver RacEngines, Jim Ford Dyno Service, and SAE International. Thank you to all of our generous sponsors! For more information on sponsorship, please visit:

formulasae.syr.edu



FINISH

in 2014 and is now working on his Masters in Mechanical and Aerospace Engineering degree. Colin is originally from Charlottesville, VA.

Oliver Scigliano

Oliver was born in Hampton Township, Pennsylvania and has been involved in motor sports since elementary school. In sixth grade, he began racing go karts and has experience with both formula style cars and racing production cars. Oliver is the team’s Marketing Manager and is currently a sophomore studying economics.



Team members Jayson, Ryan, Colin, and Lindsay worked to paint the chassis in early fall.

So what is Formula SAE anyway?

Formula SAE (Society of Automotive Engineers) was formed in 1978 as a student design competition organized by SAE International. An international competition, FSAE is a way for students to design, build, and test a prototype formula-style race car. The premise is that each team is marketing their car to a company targeting “non-professional weekend autocross racer[s].” Each team is judged based on 8 criteria; design, cost, and fuel economy are just a few of them. Points are awarded for performance in each category from SAE, but many sponsors also give teams awards based on more non-traditional qualities such as: recyclability, innovative use of electronics, or crash worthiness.

The first Formula SAE competition in North America was held at the University of Texas, Austin, in 1981. There were 6 registered teams and 40 participating students. In 2013, there were 120 teams registered and 1,995 participants. It was held at Michigan International Speedway.

Our team will be competing in Lincoln, Nebraska from June 17-20. For more information about Formula SAE or the competition series, please visit:

students.sae.org/cds/formulaseries/

