Important Updates

There has been major progress on the laying up of the monocoque, and it is just about ready to be put in the autoclave to cure. The subframe has been tack welded in the subframe jig and is ready to have the welds completed. We anticipate being able to bolt the subframe and monocoque together before spring break!

The aero subsystem is finishing up the manufacturing of the nosecone and diffuser. They have finished assembling the front wing and will be manufacturing the structural endplates for the rear wing in the next week. After the structural endplates are made, the rear wing will be assembled with the three completed elements.

The suspension and manufacturing subsystems have been producing many parts for the 2019 car in the past month. The uprights have been completed, as well as multiple smaller parts, such as inserts and spherical bearing holders. The A-arm tubes have begun being assembled as well.

The past month Penn State Racing has begun the manufacturing of the monocoque, and multiple parts of the car are starting to take their physical form.
Aerodynamics lead Annie Orth sands a wing element.

A completed wing element dries.

Carbon fiber layup inside the monocoque mold

Manufacturing lead Brock Hinton and member Jordan Smith with the Subframe, courtesy of BLM Group, being tack welded.

Tools provided by our sponsor, Ingersoll Rand

A spindle mid-manufacturing process
In addition to our sponsors, we are thankful for the unending support of the following individuals:

- **Dr. Thomas Juska**
  Applied Research Lab

- **Admiral Paul Sullivan**
  Executive Director, Applied Research Lab

- **Dr. Matthew Parkinson**
  Learning Factory Director

- **Dr. Todd Palmer**
  Applied Research Lab

- **Cindy Winkelblech**
  Program Administrator

- **Dr. Gary Gray**
  FSAE Faculty Advisor

- **Bill Genet**
  Learning Factory Supervisor

- **Rob McAllister**
  Learning Factory Supervisor

**Contact Us**

Team email: Pennstateracing@gmail.com
Team Website: Sites.psu.edu/PennStateRacing
Like us on Facebook!

www.facebook.com/PennStateRacing

Team address:
Penn State Racing
212 Sackett Building
University Park, PA 16802
2018-2019 Corporate Sponsors

**Diamond Level Sponsorship** ($10,000 + or equivalent products or services)

**Platinum Level Sponsorship** ($8,000 + or equivalent in products or services)

**Gold Level Sponsorship** ($5,000 + or equivalent in products or services)
Silver Level Sponsorship ($3,000 + or equivalent in products or services)

Titanium Level Sponsorship ($1,000 + or equivalent in products or services)

Bronze Level Sponsorship ($500 + or equivalent in products or services)