Engineering Careers Panel: Motorsports Chassis

Hosted by

**Date:** Tuesday, November 14, 2017  
**Where:** UNC Charlotte, NC Motorsports and Automotive Research Center,  
Duke Centennial Hall, Room 345 - 8415 Phillips Rd, Charlotte, NC 28223  
**Cost:** SAE student members and guests $0.00  
**Event Schedule:**
- 6:15pm – 6:45pm .................................. Attendees arrive, Refreshments available
- 6:45pm – 7:45pm ................................. Panel/Presentation – Duke 345
- 7:45pm – 8:15pm ................................. Panelists available for further questions

Three engineers from local motorsports teams will be answering questions about their education and career path. The panel is intended help engineering students understand more fully what type of real-life applications there are for the education they are receiving, so that they can have more direction upon graduation.

**Parker Grove**  
**Engineering Project Manager**  
**Joe Gibbs Racing**  

![Parker Grove](image1)

Parker began his engineering career as a machinist intern while still in high school. His attention to detail and desire to figure things out led him to obtain his machining degree at Wake Technical Community College, quickly followed by an Associates Degree in Mechanical Engineering Technology from WTCC. He then transferred to UNCC where he received his degree in Mechanical Engineering Technology. While at UNCC he was introduced to the Motorsports program, and secured employment with PPC Racing in Mooresville as a race engineer. He traveled with the Busch Series at the time, and was later hired at Joe Gibbs Racing where he continued working as a race engineer. He has since held the role of Body Fabrication manager and is currently an Engineering Project Manager for the Monster Energy Cup Series and all four JGR drivers.

Angela graduated from Purdue University with a BS in Mechanical Engineering. After graduating, she took a job with Chrysler in a 2 year rotational program while earning a Masters degree through Purdue’s distance program. She spent the next 2 1/2 years in SRT Driveline working on differentials, halfshafts, and drive shafts for the 6.4L, Hellcat, and Demon programs. She started with Roush Fenway Racing in 2015. She currently works as a race engineer for the #6 Ford Fusion driven by Trevor Bayne in the Monster Energy Cup Series. Angela is responsible for developing chassis and suspension setups and race set up strategy for the team.

**Scott Bingham**  
**2nd Race Engineer, #10 MENCS Team**  
**Stewart Haas Racing**  

![Scott Bingham](image2)

Scott graduated from UNCC in May 2013 with a Bachelor’s of Science in Mechanical Engineering with a concentration in Motorsports Engineering. While finishing his degree Scott was a member of the FSAE body and aero team. He began his career in NASCAR in the last semester of his senior year as a race engineer for Kyle Busch Motorsports. After a full season there, Scott moved to Richard Petty Motorsports as the race engineer on the #43 Nationwide Team, and then worked as a Race Engineer for the #9, #44, and #43 Sprint Cup Teams for two seasons. Scott currently works as the 2nd Race Engineer on the #10 MENCS Team for Stewart-Haas Racing. I am responsible for inputting changes, data, and driver comments in our database, as well as analyzing driver data, producing data comparisons, running weekly batch simulations for potential setup options, calibrating the Driver-Adjustable Trackbar, and maintaining the team’s spring inventory.

Light refreshments (sandwiches, chips, cookie, drink) will be provided for REGISTERED attendees.

**Please plan to join us and learn invaluable information about career paths!**

**Registration:** Please make your reservations online at [www.Carolina.SAE.org](http://www.Carolina.SAE.org). Registration must be completed by Monday, November 13, 2016. Registered attendees will have first priority for seating/attendance, as capacity is limited.

**Contact for Additional Information:** Jennifer LaFever, jlafever@roushyates.com

**Important Information:** See page 2 for campus map for building location and parking lot.
Parking Instructions

Address:
8415 Phillips Rd, Charlotte, NC 28223 (Building 75)

Park in CRI 3 – at registration you will be given a token to exit

Panel/ Presentations will be in Building 57 [Duke Centennial Hall > Third (Top) Floor > Room 345]