



# 2018-2019 Sponsor Packet





*Help Support*



**OSPREY**  
RACING  
UNIVERSITY OF NORTH FLORIDA



*Future Engineers*



## About Osprey Racing

Established in 2010, Osprey Racing is the University of North Florida's chapter of the Society of Automotive Engineers (SAE). We are a student-run club from various majors dedicated to designing, building, testing, and racing a formula race car. To date, seven individual cars have been created solely by the hard work of the students of the University of North Florida, giving us valuable experience for the 2018-2019 racing year. Osprey Racing's goal for the racing year is to be highly competitive in competition in May of 2019.

Being a non-profit organization, Osprey Racing depends on local and national sponsors to enable the hands on-development that students cannot receive anywhere else in their collegiate curriculum. Not only do sponsors support Osprey Racing financially, they also lend valuable knowledge that pushes the performance of our vehicle year after year. Whether it be materials, performance parts, tools, or experience, the Jacksonville community and businesses are creating better engineers, business majors, and more at the University of North Florida Formula SAE team.

## Swooping into the News

Osprey Racing has been featured in the local Jacksonville Times-Union Newspaper, First Coast News, WJXT News4Jax, and International SAE articles. Osprey Racing also attends many of the large car shows held locally each year such as Cars and Coffee and Amelia Concours d'Elegance.



# Formula SAE Collegiate Design Series

Since the competition's origin in 1981, teams led by university students from around the world have designed, built, and competed with formula-style cars in events designed to promote student engineering, research, and business skills. Today, 120 international teams travel to Michigan International Speedway to compete in a four-day long engineering competition. Each team must build and race the car around a series of requirements whose purpose is to ensure engineering safety and promote efficient design. Points are earned in two types of events—static and dynamic. The team with the highest combined score is declared the winner.

## **Static Events**

### *-Business Presentation*

Evaluates the team's ability to develop and deliver a comprehensive business plan. The car must be profitably manufactured, marketed, and meet the demands of the current racing market.

### *-Engineering Design*

Judges critique the effort that went into the design of the car, including everything from chassis design and ergonomics to tire compound selection and electronics packages. The car that illustrates the best use of engineering to meet the design goals will score highest.

### *-Cost Analysis*

Cost and budget are significant factors that must be considered. Teams must make decisions between cost and benefit. Teams will create and maintain a Bill of Materials and be judged on attention to the detail, down to every nut and bolt.

## **Dynamic Events**

### *-Acceleration*

Cars will accelerate from a standing start over a distance of 75 meters (246 feet) on a flat surface. The fastest time wins.

### *-Skid Pad*

Measures the car's cornering ability while making a constant-radius turn. Drivers will be required to make laps around a small figure 8 course at maximum possible speed. The fastest average time between the two sides wins.

### *-Autocross*

Evaluates the car's maneuverability and handling qualities on a tight course without the hindrance of competing cars. The autocross course will combine the performance features of acceleration, braking, and cornering into one event. The fastest time including penalties wins.

### *-Endurance/Fuel Economy*

Tests the overall performance of the car and the car's reliability. The car must drive 22km with mandatory driver change and vehicle restart at the midway point. The fuel consumption is also measured to judge fuel economy. There are multiple cars on the track for this event, with dedicated passing lanes built into the course to allow safe overtaking. The car with the best fuel economy and fastest time combination will take the victory. Failure to complete endurance significantly impacts a team's overall performance and can easily cause a drop in over twenty positions.



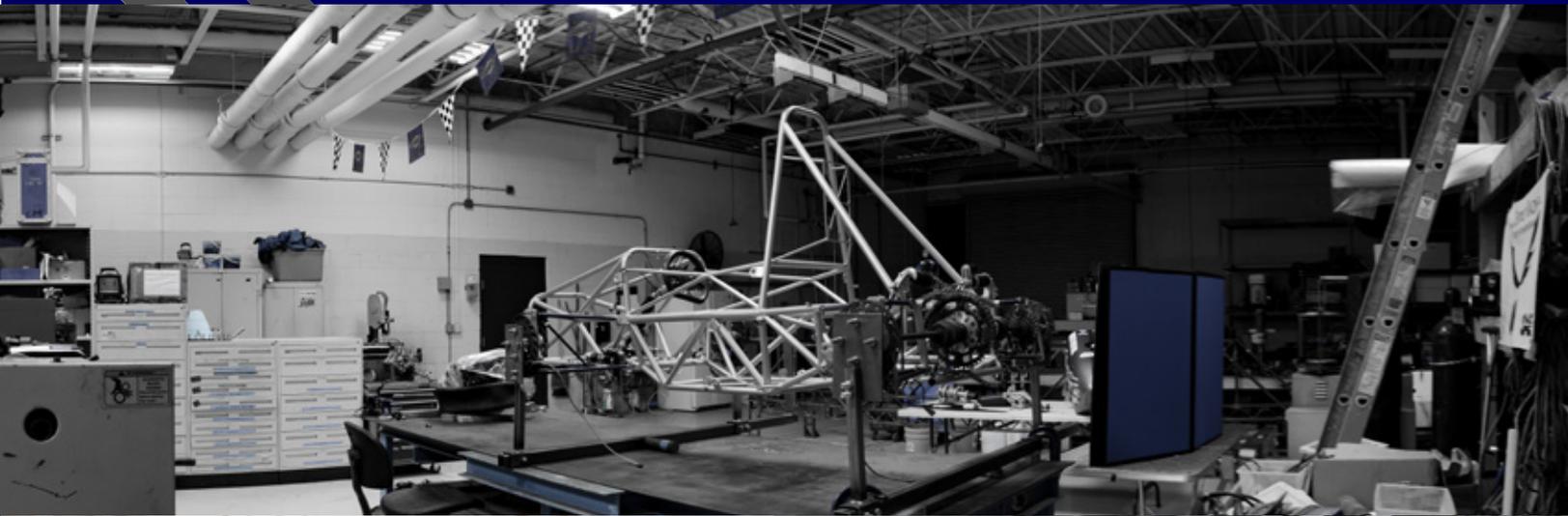
**Acceleration**



**Skid Pad**



**Endurance**



# ***Sponsorship Program***

Osprey Racing depends on great sponsors for funding each year. Donations to the program can range from materials and products to services, expertise, and technical support. All donations of any kind are tax deductible, as Osprey Racing is a non-profit team and a chapter of the Society of American Engineers. This program and its impact on students would not be possible without your support. As a donor, monthly newsletters give constant updates to the progress and successes of the team throughout the school year.

## ***Student Benefit***

As members of the Osprey Racing team, we are given the opportunity to discover and learn how engineering is accomplished within a professional setting by coordinating with team members and fulfilling design parameters. The program teaches us to problem solve and design intelligently with deadlines constantly around the corner. After design, we receive hands-on experience with manufacturing and evaluation, giving us vital knowledge of how to link the two areas of design and quality production. We have access to a wide variety of manufacturing and fabrication tools to learn how a design can be limited by manufacturing and understand the technical aspects behind these processes.

## ***Company Benefit***

As a sponsor of the Osprey Racing Team, your company will receive exposure and spotlights of your contributions to the Osprey Racing team. Recognition of your company could be included in interviews, social media outlets, events, and university related activities. Your logo can be displayed on apparel, uniforms, and the car itself. During international competition, your company or brand will be on display to dozens of domestic teams scattered across the United States, and multiple international teams from Europe and Asia. As a sponsor, you directly support the upcoming workforce and make a direct impact on young engineers' futures.

## **Tax Deductible**

Osprey Racing operates as a 501c3 non-profit entity. Donations are tax deductible. Our association with SAE International allows us to use their tax identification number. A receipt of donation is generated for your business.

Tax Identification Number: 25 – 1494402

Please make checks payable to:  
UNF SAE, Osprey Racing

# Sponsorship Levels & Benefits

| <b>Sponsor Level†</b>                                     | <b>Grey</b> | <b>Bronze</b> | <b>Silver</b> | <b>Gold</b> | <b>Platinum</b> | <b>Title</b> |
|---|-------------|---------------|---------------|-------------|-----------------|--------------|
| <b>Minimum Donation</b>                                   | <\$500      | \$500         | \$1,500       | \$2,500     | \$5,000         | \$15,000+    |
| Team Photo  | x           | x             | x             | x           | x               | x            |
| Social Media Feature                                      |             | x             | x             | x           | x               | x            |
| Company Name on Car (Text Only)                           |             |               | x             |             |                 |              |
| Small Logo on Car (6 in <sup>2</sup> )                    |             |               |               | x           |                 |              |
| Medium logo on car (16 in <sup>2</sup> )                  |             |               |               |             | x               |              |
| Large logo on car (81 in <sup>2</sup> )                   |             |               |               |             |                 | x            |
| Name in Large text on Competition Shirt*                  |             | x             |               |             |                 |              |
| Small Logo on Competition Shirt*                          |             |               | x             |             |                 |              |
| Medium Logo on Competition Shirt*                         |             |               |               | x           |                 |              |
| Large Logo on Competition Shirt*                          |             |               |               |             | x               |              |
| Largest Logo on both front and back of Competition Shirt* |             |               |               |             |                 | x            |
| Website Logo/Name - Smallest, Below Silver                | x           | x             |               |             |                 |              |
| Website Logo - Small, Below Gold                          |             |               | x             |             |                 |              |
| Website Logo - Medium, Below Platinum                     |             |               |               | x           |                 |              |
| Website Logo - Large, Below Title                         |             |               |               |             | x               |              |
| Website Logo - Largest and Top                            |             |               |               |             |                 | x            |

† **Discounts, Parts, and Services Sponsorship Levels will be based on total discounted or "off the shelf" value, whichever is appropriate for the donation**

\***Sizes will be relative, based on number of sponsors at the end of the season**

## Contact Us

**Edgar Derricho**

President

president@unfsae.org

**Parrish Williamson**

Captain

captain@unfsae.org

**Connor MacCollom**

Vice President

vicepresident@unfsae.org

**Thomas Strickland**

Public Relations

publicrelations@unfsae.org

**Dr. John Nuskowski**

Faculty Advisor

john.nuskowski@unf.edu

### **Mailing Address**

Osprey Racing, UNF SAE

1 UNF Drive 50/2500

Jacksonville, FL 32224

## Osprey Racing on the Web

 **YouTube** @TheOspreyRacing



@Osprey\_Racing



@Osprey\_Racing



@UNFSAE

**flickr**

@OspreyRacingFSAE



[www.OspreyRacing.org](http://www.OspreyRacing.org)

