2009 UB MOTORSPORTS

FORMULA TEAM

Sponsorship Information

Innovation :: Dedication :: Design :: Teamwork

104 Jarvis Hall
Buffalo, NY 14260
www.eng.buffalo.edu/sae
Formula SAE at UB

UB Motorsports is the University at Buffalo chapter of the Society of Automotive Engineers Formula Design Team (Formula SAE). Formula SAE was started at UB over 15 years ago and has been a strong competitor at past competitions.

The Formula SAE competition is where students conceive, design, fabricate, and compete with small formula-style racing cars. The restrictions on the car frame and engine are limited so that the knowledge, creativity, and imagination of the students are challenged.

The cars are built with a team effort over a period of about one year with the opportunity to compete nationally and internationally. The end result is a great experience for young engineers in a meaningful engineering project as well as the opportunity of working in a dedicated team effort to compete on a world class level.
The New Car

Last year's vehicle was called the UBMS08, a first year design car. The vehicle's design diverges greatly from past trends in design both here at the University and from other teams across the county. For this year's car we will be modifying all aspects of the UBMS08 in order to increase the performance. This UBMS09 car will be comprised of an air-cooled V-Twin mated to a CVT (Continuously Variable Transmission). Along with the redesign of the car is the goal to shave off 50 lbs which will make the UBMS09 one of the lightest cars among the competition. Every component of the vehicle is designed with simplicity, interchangeability, cost effectiveness, and common part availabilities in mind.

Achievements of the UBMS08

- Place 9th overall in the competition at Virginia International Raceway
- Place 2nd in Fuel Economy and 3rd in Powertrain Development in the competition at Michigan International Speedway; achieving 18th overall out of 120 registered teams
“We strive for innovation in design and creativity through teamwork and partnership with industry to build and compete at a world class level.”

Team Goals and Purposes:
- Gain experience in teamwork and leadership
- Apply classroom theory to practical engineering design problems and find creative solutions
- Work with industry to further engineering experience
- Learn valuable shop skills such as machining, welding, fabrication and assembly.
- To design, build, and compete
Sponsorship Benefits

**Time Donation**
Any material, time or monetary donation can receive a letter on Student Association letterhead stating the value of the donation to our club to be used at your discretion.

**Advertisement**
All sponsors have their logos featured on the vehicle and in all official team publications including our cost and design reports, bi-monthly newsletter, and our website. At competitions, teams from across the US and the world would see that your organization is a proud supporter of our club, which is good for your business image!

UB Motorsports also participates in local autocross events staged by the SCCA. These events attract hundreds of competitors and spectators, all of whom are motorsports fans.

The vehicle gets displayed at many events on campus throughout the year including University open houses, engineering week events, and recruitment events. Through this exposure, your organization would gain notice by both faculty and students as a supporter of quality engineering education and as part of an accomplished team.

**Enhanced Educational Experience**
A relationship of this sort with engineers at UB could potentially lead to interest in future employment post graduation and internships during a students’ academic career. Also, this support could lead to interest in senior design projects through your organization. These projects are often sourced from local industry and are an integral part of an engineer’s career.
Thank You!

Without the help and support of generous sponsors like you, UB Motorsports would not be able to function. The cost to build one of these high performance vehicles is considerable and therefore fundraising through monetary donations, parts, materials, and services is of absolute necessity to our club.

We thank you for taking the time to read our proposal and look forward to your partnership. If you are interested in becoming a sponsor or if there are any questions or concerns regarding this proposal or our team and project, please feel free to contact:

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