

# VOLUNTEER!

## FORMULA SAE WEST

### What is FSAE?

The Formula SAE® competition is for SAE student members to 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 and are taken to competition for judging and comparison. Registered for Formula SAE West will be approximately 80 vehicles from colleges and universities throughout the world. 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.



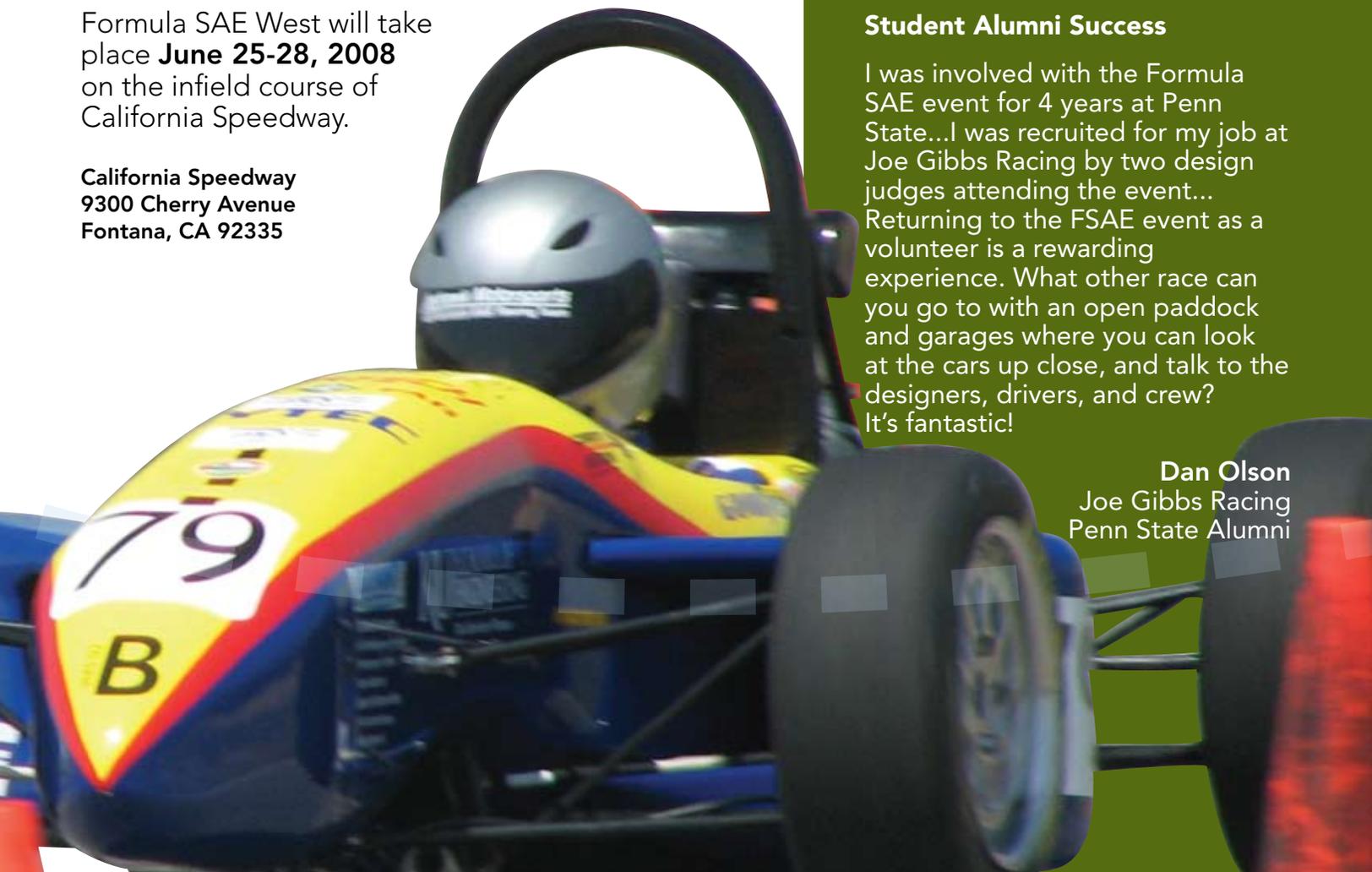
Formula SAE West will take place **June 25-28, 2008** on the infield course of California Speedway.

California Speedway  
9300 Cherry Avenue  
Fontana, CA 92335

### Student Alumni Success

I was involved with the Formula SAE event for 4 years at Penn State...I was recruited for my job at Joe Gibbs Racing by two design judges attending the event... Returning to the FSAE event as a volunteer is a rewarding experience. What other race can you go to with an open paddock and garages where you can look at the cars up close, and talk to the designers, drivers, and crew? It's fantastic!

Dan Olson  
Joe Gibbs Racing  
Penn State Alumni



**Cost.** Inspect the cars from a predetermined and assigned group of schools to confirm the car and the costs assigned to the car in the cost report fairly represent the actual costs for such a prototype.

**Design.** Evaluate both the design of the team's vehicle and the team's knowledge of engineering design as applied to autocross vehicles and their ability to justify their design decisions.

**Presentation.** Listen, evaluate and score teams on their formal presentation given to "executives" of a hypothetical motor vehicle company to purchase and market the team's autocross racer design as well as the responses during Q&A.

**Technical Inspection.** Examine each vehicle to determine if it complies with the requirements and restrictions of the Formula SAE Rules.

**Tilt Table.** Conduct tilt tests to check for fluid leaks and confirm the vehicles stability.

**Noise, Master Switch and Brake Tests.** Conduct tests on each vehicles noise levels, master switch and brakes.



## Starts

### To Volunteer

please contact **Steve Daum**  
at 724-772-8535 or [daum@sae.org](mailto:daum@sae.org)

and/or **Kaley Zundel**  
at 724-772-8533 or [shellham@sae.org](mailto:shellham@sae.org)

Local contact: **John Stewart**  
at [stewartjohnm@netscape.net](mailto:stewartjohnm@netscape.net)

# Tilt Table



## Dynamic Events:

### Acceleration, Skid Pad, Autocross and Endurance.

Volunteers are responsible for all operating aspects of the events including track marshalling, corner captains, starts, staging line crew, cone crew, driver change marshals, black flag steward, passing zone crew and general volunteers.

## Other Assignments:

**Announcer.** Official announcer for event.

**Paddock Patrol.** Patrol the team paddocks for any rule violations.

**Team and Volunteer Registration.** Register students and volunteers for event. Check all required information and wristband participants.

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**SAE International**<sup>™</sup>

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