

# SPONSORSHIP PACKET

2017

*“Building a cleaner, more fuel efficient tomorrow”*

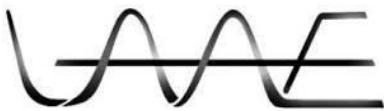
## Dear Sponsor,

The Los Altos Academy of Engineering (LAAE) has been building and racing alternative energy vehicles since 1989. Since then, the technology used and race guidelines have changed, yet LAAE has been able to adapt, design, build, and race vehicles alongside many prestigious universities. LAAE is significantly unique because of its dedicated high school students. Through all of the projects LAAE develops, students involved gain valuable hands-on experience that is unavailable at any other high school in the United States. Students are able to gain electrical, mechanical, composite, design, programming, and public relation skill through our program.

In order to turn our vision into reality, we rely on the help and generosity of corporate partners and sponsors who understand and encourage our aspirations to implement the concepts learned in the traditional classroom setting. Your support will directly contribute to the success of our program. The building energy efficient, clean air vehicles require monetary and in-kind gift donations to be successful and to achieve our program's goals. Although the experience for the high school students is invaluable, sponsors benefit as well. Sponsors are promoted extensively by media publicity and coverage, not only in our local community but globally as well. The LAAE is a one-of-a-kind educational and career preparatory program to promote alternative energy.

This sponsorship packet describes who we are and what we do, as well as the assistance we seek in achieving our goals. We hope that you can share our vision and support us in turning our goal into reality.

Sincerely,

A stylized, handwritten signature in black ink. The signature consists of a series of connected loops and lines, forming a unique, cursive-like mark that is difficult to decipher as a specific name.

*“Building a cleaner, more fuel efficient tomorrow”*

*“Building a cleaner, more fuel efficient tomorrow”*

# History

The Los Altos Academy of Engineering (LAAE) is a unique program founded in 1989 by Mr. Robert Franz at Los Altos High School. The mission of LAAE is to establish effective opportunities in mathematics, sciences, computer science, and mechanical or electrical engineering for students who demonstrate an early interest in these technical career areas. LAAE is a joint venture between the Hacienda La Puente Unified School District and the La Puente Valley Regional Occupation Program. Many of the projects adopted by the LAAE are highly complex and are all completed solely by high school students.

Since the time of its establishment, LAAE has had great success in its numerous intricate projects. LAAE has participated in many solar vehicle challenges, both domestic and abroad. IN 1996, the student-built Solar Shadow I competed in the World Solar Challenge in Australia and was the only high school team in the competition to finish the race. In 2001, students built and raced another solar car, Solar Shadow II, in a cross-country race, the American Solar Challenge. Besides being the only high school that entered the race from Chicago to Los Angeles, LAAE finished 22 out of 30 overall participants.

LAAE has also taken on many other diverse projects and competitions. The LAAE Botball team received much prestigious recognition, sweeping the regional competition and competing in the national competition. The most successful project of all LAAE's history has been the Build Your Dream Vehicle (BYDV) competition. The LAAE BYDV team defeated 320 other entries and became the only high school to win back-to-back national championships in 2005 ND 2006, a tremendous accomplishment. However, perhaps the most sophisticated and complex project that the LAAE has undertaken is the hydrogen fuel cell vehicle, *Infusion*. The first step of this great endeavor was made in 2001 when ambitious students designed an aerodynamic tear-drop shaped vehicle. The car has been fully completed and operated on hydrogen. Among all of these prestigious projects also lies Solar Boat which competed in Solar Cup.

*“Building a cleaner, more fuel efficient tomorrow”*

LAAE has many ambitious goals and new projects each year. In the past few years, we have competed regularly in Electrathons with our electric-powered vehicles. This year, we will be competing in the Winston Solar Challenge, designing and creating an electric solar car from scratch. We have continually challenged ourselves every year, and will continue to do so with the contributions of our generous sponsors.

*“Building a cleaner, more fuel efficient tomorrow”*

# Vehicles

## Speed Racer

- First Electrathon Vehicle
- Competed in Solar Electric 500
- Competed in California Challenge
- Competed in 2014-15 Emerald Coast Electrathon

## Cool Runnings

- First solar vehicle
- First Place in the first Winston Solar Challenge

## Solar Shadow

- Competed the World Solar Challenge in Australia
- Received First Place in the Winston Solar Challenge

## Light Speed I

- Set national speed record of 100 km (62.1 miles) in 2:21 hours at Solar Bike Race USA

## High Voltage

- Most intricate paint job
- Competed in Pentad Nationals Cal State Dominguez Hills Velodrome

## Light Speed II

- Most efficient solar vehicle utilizing an exclusive wheel motor
- Average speed of 42 MPH

## Solar Shadow II & III

- Only high school built vehicle competing the American Solar Challenge
- Competed in the Solar BikeRayce

*“Building a cleaner, more fuel efficient tomorrow”*

## Light Speed III

- Won national championship in Solar BikeRayce

## Solar Boat

- Placed 15<sup>th</sup> out of 40
- One of the few high schools to participate in the competition
- Competed in Solar Cup

## Pulse

- Made completely from scratch
- Competed in 2013 Emerald Coast Electrathon
- Competed in California Challenge

## Volt

- Blue Sky kit car
- Competed in 2014-15 Emerald Coast Electrathon

*“Building a cleaner, more fuel efficient tomorrow”*

# Current Projects

The number of projects and competitions that the LAEE is involved in requires significant funding. Competitions our students participate in are not fully sponsored; therefore, LAEE must raise funds to purchase the needed equipment and materials to allow our students to participate in a tradition of excellence. You can be a part of this great program by helping us achieve our goals. The following is a list of several activities that the LAEE will participate in this year:

- Winston Solar Challenge
- Congressional App Challenge

In order to continue our mission, LAEE continually seeks support through corporate scholarships, resource sharing, and individual donations. Even with dedicated students, great designs, and years of history, our success can only be continued with your help, either through monetary or in-kind gift donations

By sponsoring LAEE, you or your corporation will gain valuable visibility while making a tax deductible contribution to a team committed to promoting environmental awareness and superior engineering. We look forward to working with you in the future!



*“Building a cleaner, more fuel efficient tomorrow”*



# Sponsorship Levels

To distinguish your contribution, LA AE has established sponsorship rewards and incentives, described in the chart below.

<b>Platinum</b> \$1,000 or more	<ul style="list-style-type: none"><li>● Personalized framed and signed photo of club</li><li>● Sponsor logo featured on our Solar vehicle</li><li>● Sponsor contact added to the official LA AE mailing list to receive newsletters and updates on our program</li><li>● Personalized thank you card signed by LA AE</li><li>● Sponsor logo featured on LA AE website</li></ul>
<b>Gold</b> \$500 or more	<ul style="list-style-type: none"><li>● Sponsor logo featured on our solar vehicle</li><li>● Sponsor contact added to the official LA AE mailing list to receive newsletters and updates on our program</li><li>● Personalized thank you card signed by LA AE</li><li>● Sponsor logo featured on our LA AE website</li></ul>
<b>Silver</b> \$300 or more	<ul style="list-style-type: none"><li>● Sponsor contact added to the official LA AE mailing list to receive newsletters and updates on our program</li><li>● Personalized thank you card signed by LA AE</li><li>● Sponsor logo featured on our LA AE website</li></ul>
<b>Bronze</b> \$100 or more	<ul style="list-style-type: none"><li>● Sponsor contact added to the official LA AE mailing list to receive newsletters and updates on our program</li><li>● Personalized thank you cards signed by LA AE</li></ul>

*“Building a cleaner, more fuel efficient tomorrow”*

*“Building a cleaner, more fuel efficient tomorrow”*

# Los Altos Academy of Engineering

## Sponsorship Form

### SPONSORSHIP CONTACT INFORMATION

Please complete all sections. (NOTE: **Company**- official business/ organization name to be used for communication, recognition, and for sponsor rewards. **Name**- contact person who is responsible for contribution or to whom all communication should be directed to. **Address**- address of company. **Email**- email address of contact person.)

Company \_\_\_\_\_

Contact Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Company Phone Number ( ) \_\_\_\_\_

Company Website \_\_\_\_\_

E- mail \_\_\_\_\_

Contact Phone Number ( ) \_\_\_\_\_

### SPONSORSHIP LEVEL

**LAAE Booster Club Tax ID #: 27-0111547**

*Indicate your level of sponsorship*

- Platinum Sponsor/ \$1000+
- Silver Sponsor/ \$300+
- Gold Sponsor/ \$500+
- Bronze Sponsor/ \$100+

**Please make checks payable to:**

Los Altos Academy of Engineering  
Booster

**Please make the memo/ for to:**

LAAE

Payment \$ \_\_\_\_\_

Please send company name, company website (if applicable), company phone number, and logo and/ or banner

*“Building a cleaner, more fuel efficient tomorrow”*

to [pr@lasv.org](mailto:pr@lasv.org) \*Send the desired information you wish to be posted on our website to recognize your company as a proud sponsor.

**Questions:** Please contact us at (626) 934- 5514 if you have any questions or if you would like a tour of our program.

# Contact Us



## Contact:

Erika Galvan or Christine Castrellon

Public Relations

Email: [pr@lasv.org](mailto:pr@lasv.org)

Los Altos Academy of Engineering

Los Altos High School

15325 E. Los Robles Avenue

Hacienda Heights, CA 91745

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

(626) 934- 5514

(626) 934-5514

*“Building a cleaner, more fuel efficient tomorrow”*

**LAAE Booster Club Tax ID #: 27- 0111547**

**Advisor:**

Ed Richter

[erichter@hlpusd.k12.ca.us](mailto:erichter@hlpusd.k12.ca.us)

*“Building a cleaner, more fuel efficient tomorrow”*

*“Building a cleaner, more fuel efficient tomorrow”*



