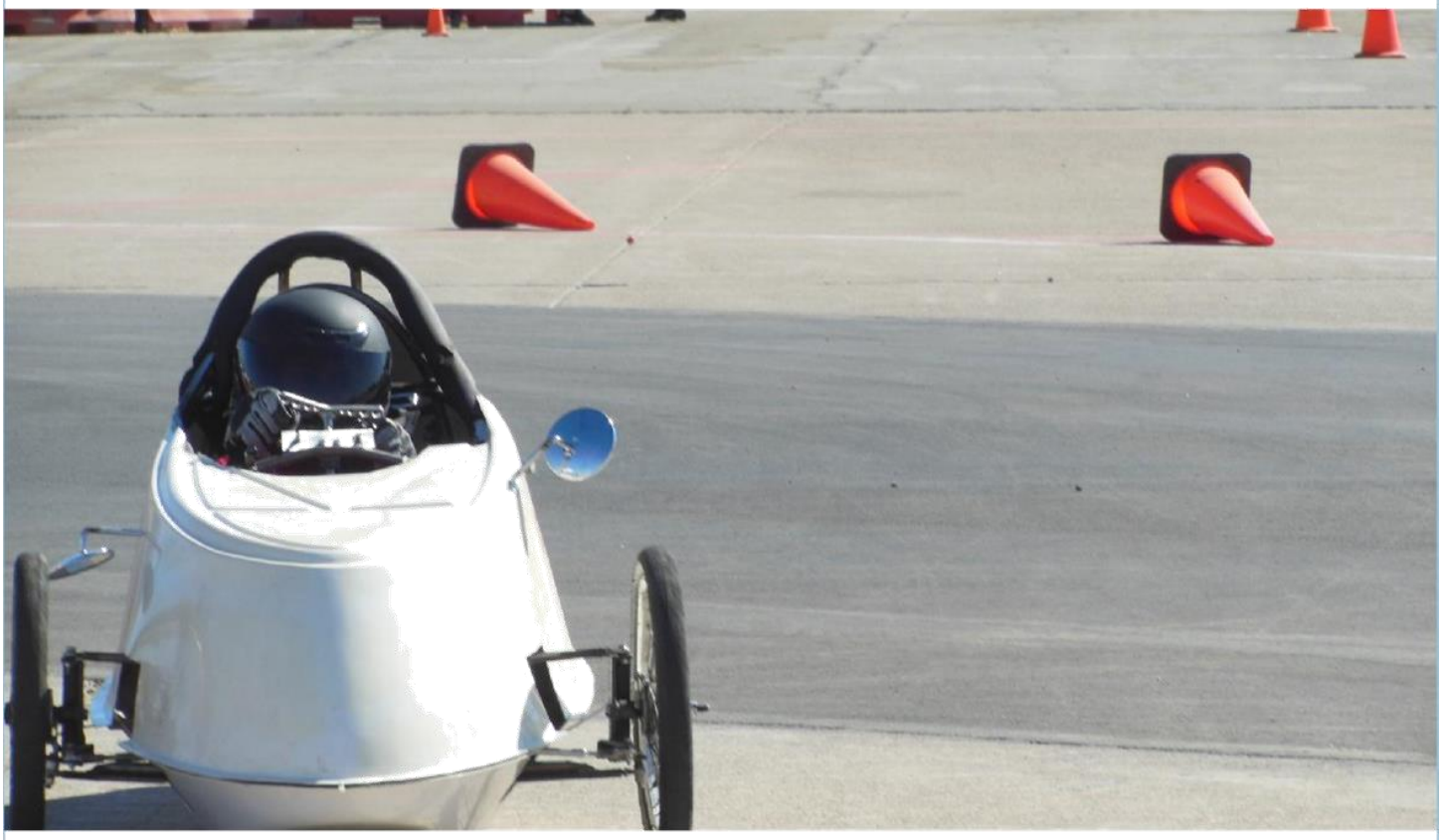
THE LOS ALTOS ACADEMY OF ENGINEERING



SPONSORSHIP PACKET

2016

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 skills 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 of energy efficient, clean air vehicles requires 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,

Los Altos Academy of Engineering

Building a cleaner, more fuel efficient tomorrow

HISTORY

The Los Altos Academy of Engineering (LAAE) is a uniqueprogram founded in 1989 by Mr. Robert Franz at Los Altos High School. The mission of LAAE is to establish effective opportunities in mathematics, science, 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.

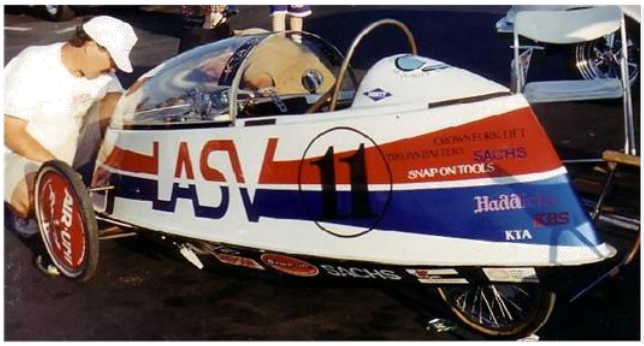
Since the time of its establishment, LAAE has had great success in its numerous intricate projects. LAAE has participated in many solar vehicle challenges, both domestic and abroad. In 1996, the student-built Solar Shadow I competed in the World Solar Challenge in Australia and was the only high school 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 and 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.

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 FIRST Robotics Competition (FRC) as a rookie team, the next level of competition available after the FIRST Tech Challenge, which our robotics team has been competing in for the past five years. 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

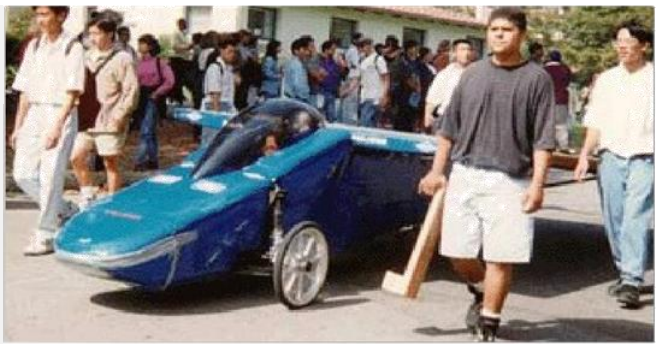


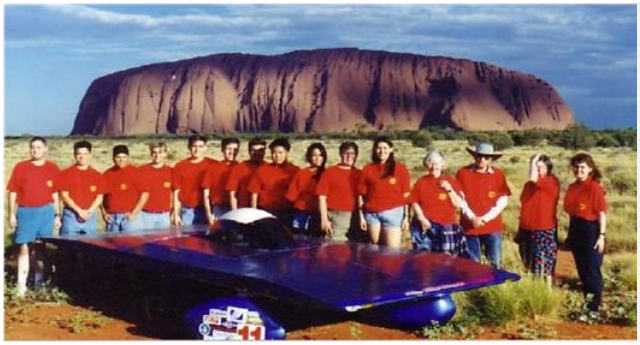
Speed Racer 1993

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

Cool Runnings 1995

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





Solar Shadow 1996

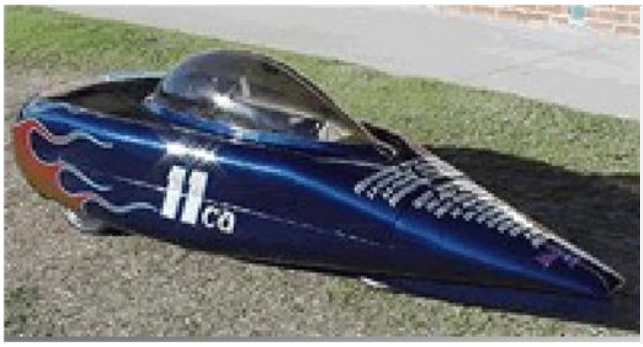
- Completed the World Solar Challenge in Australia
- Received First Place in the Winston Solar Challenge

Light Speed I 1998

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

Building a cleaner, more fuel efficient tomorrow

Vehicles



2000

High Voltage

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

2000

Light Speed II

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

2001

Solar Shadow II & III

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

2003

Light Speed III

- Won national championship in Solar BikeRayce

Building a cleaner, more fuel efficient tomorrow

Vehicles

Solar Boat

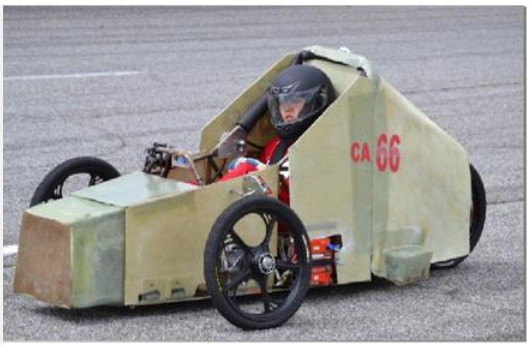
2011

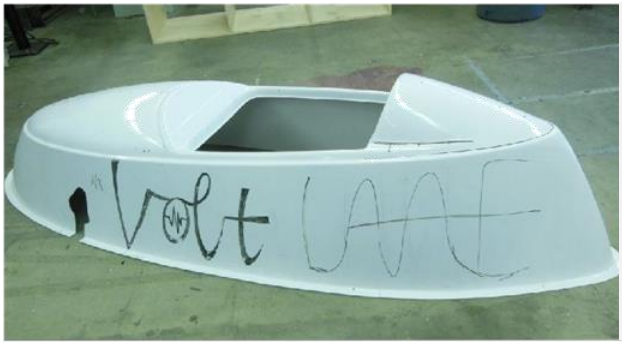
- Placed 15th out of 40
- One of the few high schools to participate in the competition
- Competed in Solar Cup

Pulse

2013

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





Volt

2014

- 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 LAAE is involved in requires significant funding. Competitions our students participate in are not fully sponsored; therefore, LAAE 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 LAAE will participate in this year:

- First Robotics Competition
- Congressional App Challenge
- Mini Urban Challenge

In order to continue our mission, LAAE continually seeks support through corporate sponsorships, 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 LAAE, 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!

FIRST ROBOTICS COMPETITION

MINI URBAN CHALLENGE

HOUSE APP CHALLENGE

Building a cleaner, more fuel efficient tomorrow

Sponsorship Levels

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

Platinum $1,000 or more	• Personalized framed and signed photo of club • Sponsor logo featured on our competition robot • Sponsor contact added to the official LAAE mailing list to received newsletters and updates on our program • Personalized thank you card signed by LAAE • Sponsor logo featured on LAAE website
Gold $500 or more	• Sponsor logo featured on our competition robot • Sponsor contact added to the official LAAE mailing list to receive newsletters and updates on our program • Personalized thank you card signed by LAAE • Sponsor logo featured on our LAAE website
Silver $300 or more	• Sponsor contact added to the official LAAE mailing list to receive newsletters and updates on our program • Personalized thank you card signed by LAAE • Sponsor logo featured on our LAAE website
Bronze $100 or more	• Sponsor contact added to the official LAAE mailing list to receive newsletters and updates on our program • Personalized thank you card signed by LAAE

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+ ☐ Gold Sponsor/$500+

☐ Silver Sponsor/$300+ ☐ Bronze Sponsor/$100+

Please make checks payable to:

Los Altos Academy of Engineering Booster

Please make the memo/for to:

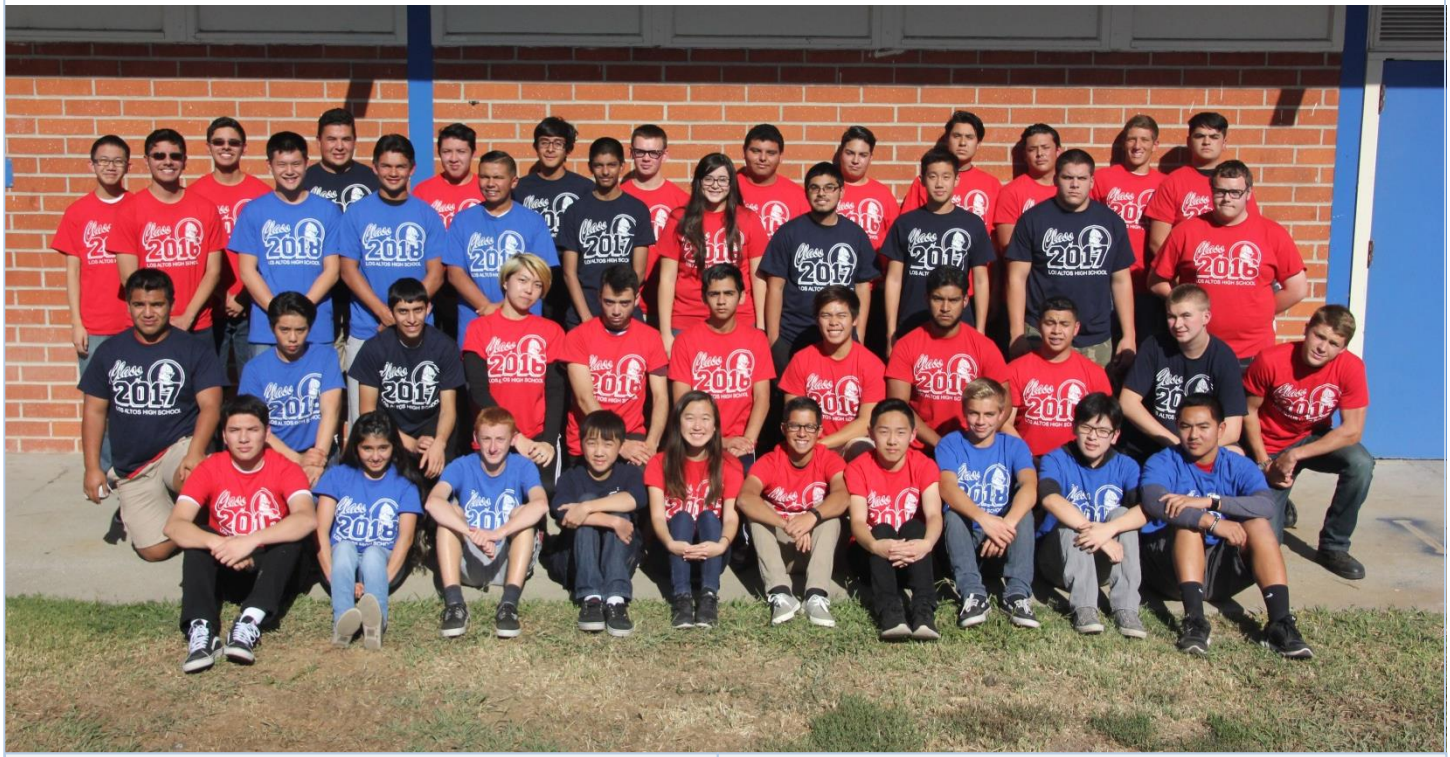
LAAE

Payment $_____

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

Sandy Kim

Public Relations Team Leader

Email: pr@lasv.org

Los Altos Academy of Engineering

Los Altos High School

15325 E. Los Robles Avenue

Hacienda Heights, CA 91745

www.lasv.org

(626) 934 - 5514

LAAE Booster Club Tax ID #: 27-0111547

Advisor:

Ed Richter

erichter@hlpusd.k12.ca.us

Building a cleaner, more fuel efficient tomorrow