

Los Altos Academy of Engineering

Building a cleaner, more fuel efficient tomorrow

NEWS RELEASE

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LOS ALTOS ACADEMY OF ENGINEERING WINS 2nd PLACE IN FUEL CELL DIVISION AT SHELL ECO MARATHON!

HACIENDA HEIGHTS, CA – April 10, 2008- April 13, 2008. The Los Altos Academy of Engineering (LAAE) competed in the 2008 Shell Eco Marathon Americas at California Speedway in Fontana, California. The Shell Eco Marathon Americas is a competition in which the goal is to travel the farthest on the least amount of fuel, basically the most miles per gallon. LAAE had two teams competing in this year's competition, Team Infusion and Team HICE (Hydrogen Internal Combustion Engine).

Infusion, first developed in 2001, is the first high school designed and built hydrogen fuel cell vehicle in the United States. Infusion is designed to travel 40 miles per hour for one hour continuously. Fundraising for the project, which had a price tag of \$35,000, was completely managed by students. Students have dedicated timeless hours to building the vehicle that has been the longest project the LAAE has worked on.

Students decided to create a completely new vehicle for the race within the year. This vehicle was unique at the race, being the only hydrogen internal combustion engine car. Students worked vigorously on HICE, pulling all nighters and long work days before the race in order to complete their goal. HICE was created by using the old chassis of High Voltage, an electric car created in 2000 to run in the Pentad National, an Electrathon race. All the parts taken out of the old vehicle and new parts were created so that HICE could be the first LAAE racecar built in one year.

This year's team consisted of mainly juniors and seniors from LAAE. Team HICE included: Sharon Shim, Angela Chen, Philip Ybarra, Chris Valencia, Dustin O'Neil, Ozzy Gutierrez, Jeff Ong, Joseph Lin, and Alex Venturoso. Team Infusion included Amy Yu, Lydia Wei, Ray Raya, Alex Najarro, Jerry Ho, Andy Chen, Michael Saldivar, Abraham Lin, Vincent Tieu and Brian Yang.

The Los Altos Academy of Engineering is a joint program with the Hacienda La Puente Unified School District and La Puente Valley Regional Occupational Program. Founded in 1989, the LAAE is one of the remaining career and technical education program in California. LAAE has many notable achievements building electric and solar vehicles. The mission of the Los Altos Academy of Engineering is to establish opportunities in mathematics, science, computer science, and engineering for students who demonstrate an early interest in these career fields.

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If you would like more information about the Shell Eco Marathon Team, the Los Altos Academy of Engineering, or would like to schedule a visit, please call Lydia Wei at 626-330-1096 or email Lydia at laae.pr@gmail.com