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FIRST ROBOTICS COMPETITION WEEK 4

Getting Technical

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Greetings!

Week 4 of our robotics competition is underway and we wanted to share our progress with you. The chassis and frame are finished. We might weld the A- frame for more support and also to reduce weight on the robot. We just received machined pieces of UHMW from Moog. They are now bolted on the arm. The drive train motors and gearboxes are mounted. The finished electrical system is mounted. We are always behind schedule but we are really working hard to complete our robot on time. Typically, we work late at this point in the competition.



Once again, We are very grateful for the help from our mentors from WDI, Dan from MOOG, Howard from Santa Monica City College and Roy from the LAPD Bomb Squad. Thank you to the following people that supported us with yummy food last weekend! The Hecht family brought us pizza and Jill Carmona supplied us with delicious salads .

Important Dates:

February 18th--- Pre-ship scrimmage at Hawthorne High School.
February 18th---7:30pm Our fundraiser/dinner. Tickets are \$25. Reserve your space now!
February 20th---ROBOT SHIPS
February 20th---City Council meeting--5pm--we are receiving a proclamation from the City and are doing a short presentation about our program. March 8-10-
--Los Angeles Regional at the Sports Arena
March 29-31---Denver Regional
April 12-14---FIRST Championship in Atlanta
April 15th---BHEF Classics for Charity Car Show.

Mortorq TV Episode #2



by Matt Wunderlich

Our second episode of

Mortorq TV is now on air and available for your viewing pleasure. On this episode of MorTorq TV: hear about the Autodesk Animation award and find out about all 44 different countries taking part in FIRST, maybe Canada is, eh? Plus, the world premiere of the MorTorq TV exclusive "How-To with Hao Tu," with our tech expert Hao-Tu. Also, an interview with co-animation captain Shauna Trinh. Find out how much Beverly Hills High knows about robotics in our new segment "Andrew Walking," and much, much more!

You can watch MorTorq TV on KBEV, channel 6 in Beverly Hills, or online at youtube.com/mortorqtv. You can now also subscribe to our show in iTunes, allowing our viewers with more active on-the-go lifestyles to watch the show on their iPods; just search for "MorTorq" and download the show for free!

Spotlight on our Alumni

Eli Chait

Eli is double majoring in Operations Research and Management Science AND Business Administration at the University of California, Berkeley campus. Eli was a co-president of the team and was integral to it's success. He handled all business aspects for the team and worked tirelessly on the robot. Eli was also the human player during our first year and is known for being the team member who wore the bright orange wig! According to Eli, "Participating in FIRST Robotics was perhaps one of the most fulfilling experiences of my high school career. It was an incredible leadership experience and an awesome opportunity to work with professionals while still in high school. I not only learned about building and engineering, but also important skills involving organization, leadership, and perhaps the most important – learning to work with others in a competitive setting and ensure my voice was heard. With so many smart people in the room, I found it to be vital that my opinions were heard and honored. I would recommend US FIRST Robotics to any high school student with an interest in business, computer animation, engineering, or leadership." Eli enjoyed the FIRST program so much that he is volunteered his time to help team 1515 during his winter vacation. He is also signed up to be a volunteer score keeper at the Denver Regional and is planning to attend other regionals as well.



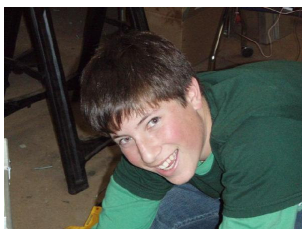
Programming



This year, we are lucky to have many members who have a knowledge of programming. We are also extremely fortunate to have the addition of a new mentor to our team. Howard Stahl is a graduate of Beverly Hills High School and is currently teaching computer science at Santa Monica City College. He graduated from UCSan Diego in Computer Science and also got a MS from Cornell University in New York. According to Howard, "I think the Robotics program is just super cool! It really simulates the real world of engineering and science, of problem solving, and of constraints of time and money. It is also so rewarding working with students that are so talented and so motivated, that won't take "no" or "i don't know" for an answer. I also think it is very fun, not only

for the students but also for the mentors. To see a group tackle thorny problems and, amazingly, make progress, cross roadblocks, work thru accidents and mistakes. It is truly amazing to see former teammates returning from college to mentor the next year behind them. I wish I would have had this kind of experience myself in high school." Howard is a huge asset and we are thrilled to have him involved with our team!

Team member spotlight---Jesse Carmona



by Asa Zernik

Jesse Carmona, Vice President of MorTorq's building section, has a busy schedule: in addition to his time spent in robotics, he is also on Beverly Hills High School's baseball and cross country teams. Even with all that, Jesse, a sophomore, is still very active in MorTorq, as the second-most-active member by hours, and as MorTorq's leading fundraiser. He is also a host on MorTorq TV.

Jesse spends his free time in many different ways; he enjoys fishing, modern art, going to a swap meet in Pomona, and attending car shows - experience that was handy for planning the Classics for Charity car show (representing MorTorq) with Mercedes-Benz of Beverly Hills and the Beverly Hills Education Foundation.

Team 1515 Announces Major Sponsors

Team 1515 is very excited to announce the addition of a new sponsor for our team. The Beverly Hilton Hotel is one of our family of sponsors and is excited to join our team! The Beverly Hilton is located close to the school and supports many of our local events year round. Once again we would like to thank Walt Disney Imagineering, Mercedes-Benz of Beverly Hills, ROP, MOOG Aircraft Group, Our PTSA and The Rosenblatt family. All of our major sponsors have made it possible for us to continue our wonderful program and Team 1515 is grateful for the support!

This fabulous newsletter is financed by our own PTSA.

More Than Just a Builder---Gavriel Dorian

By Alex Klein

The Robotics Team at Beverly Hills High School has come a long way in its few years of existence. This progress would not be possible without the many builders who come up with the plans for and execute the creation of the robot. Gav Dorian is a business captain of the Mor Torq BHHS Robotics Team. Gav spends a large amount of time in the robotics room but also finds time to participate in various other activities. When not drilling screws, cutting metals, or proceeding with many of the other things necessary to create the robot, he finds himself playing rhythms on his guitar, painting, and making designs for simple steam powered vehicles. Gav also brought his skill of drawing into the robotics team by designing the artwork for the Mercedes-Benz Car Show coming up on Sunday, April 15, 2007. He has been on the team for 2 years now. In one instance, he exclaimed, "robotics really has been a large part of my life these past years and helped me learn a great deal while opening my eyes to my life's passion."



BHHS robotics is funded solely by donations and corporate sponsorships. All business aspects of the program are run by the Beverly Hills High School ROP Entrepreneurship classes taught by Eileen Kahn. If you are interested in supporting our team either as a mentor or as a financial contributor, please contact Eileen Kahn at eileenkahn@gmail.com.

Sincerely, TEAM 1515, BHHS ROBOTICS

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