GO CHARGER ROCKET!

UAH Student Launch Initiative Team WINS the GRAND PRIZE

SLI team notified by NASA - We are "Best Overall Team of the Year"

Congratulations to our USLI team "Charger Rocket Works" and their faculty advisor Dr. Marlow Moser! NASA notified the team and advisors on Friday, May 21 that the UAH team is the 2009-2010 champion!

The Grand Prize is determined and awarded after each team completes their final post-flight analysis and review of their rocket launches during competition. All aspects of the team's effort were considered in the overall champion decision including the team's preliminary presentations, results and launch-day flight data. This year the rocketry challenge was held at Bragg Farms April 17-18 in Toney, Ala.
The Grand Prize includes a $5000 cash prize from corporate sponsor - ATK Aerospace Systems in Magna, Utah. Ten preliminary awards were given out earlier during the post-launch banquet with UAH's USLI team receiving both the Vehicle Design Award and the Project Review Award in the collegiate level of competition.

This year's UAH win breaks Utah State University in Logan's two-year hold on the Grand Prize - with Utah State winning in both 2007-08 and 2008-09.

Last year's UAH SLI team took 2nd place overall and the Outreach Award (best inspiring the study of rocketry and other spaceflight-related topics at local schools and surrounding community).

In 2007-2008, the UAH SLI Team won Best Vehicle Design but did not place overall.

2009-2010 TOP 5 PLACING COLLEGE TEAMS

1. UAHuntsville
2. Mississippi State
3. NC State (also received the Rookie Award)
4. Mitchell Community College (North Carolina)
5. Georgia Tech

Go here for list of The CHAMPION Charger Rocket Works Team!

COE Happenings

Engineering Management Grad Students Study Team Development Characteristics

For the past 11 years, graduate students in Engineering Management have been studying team development behaviors and characteristics exhibited in the integrated product team (IPT) groups of the MAE senior design course.

After studying various team development theories, the graduate student observers are trained in observational data collection techniques, and asked to observe, collect, analyze and interpret the team development data from each of the competing IPTs.

Feedback is given to each of the undergraduate IPTs midterm and changes in behaviors and characteristics are charted. The graduate student team then makes a prediction, based on a number of team development theories, as to which undergraduate IPT will win the competition.

These predicted rankings are compared to the actual technical panel rankings to gather information about how effectively the IPTs are operating as teams, how teamwork translates into performance, which theories are more predictive, and which team characteristics are most valuable with respect to the resulting performance. The rankings based on team development scores have successfully predicted the winners 67% of the time.
Upcoming Event

GOOD LUCK TEAM UAH!
2010 Concrete Canoe Team dedicating National competition effort in memory of beloved UAH Professors

Team UAH pulled together to win the Southeast Conference Concrete Canoe title in April. Now the larger challenge is rising before them as they head to Nationals, which take place June 17th - 19th in San Luis Obispo, California. Team UAH will compete against 21 other collegian teams - each team seeking a maximum score of 100 points to win 1st place. The areas being judged include design paper, oral presentation, final product, and races - each section is worth a total of 25 points.

Cal - Berkeley is the defending national champion but didn't qualify for this year's finals. The UAH "Chargers," Berkeley "Bears." and Wisconsin "Badgers" each hold five (5) nationals titles. Clemson University is the only other university with multiple wins with (3) national titles and is the most seasoned university with 16 appearances. UAHuntsville is second in appearances with 15 while Wisconsin is right behind with 14. Checkout the list of competitors Team UAH is facing in 3 weeks below.

2010 National Concrete Canoe Competitors
(Bold-only qualified teams with multiple national titles)
Southeast	University of Alabama
Deep South	Louisiana Tech University
Texas-Mexico	University of Houston
Mid-Pacific	University of Nevada-Reno
Mid-Pacific	San Jose State University
Rocky Mountain	New Mexico State University
Pacific Northwest	University of Washington
Pacific Southwest	University of California Los Angeles
Pacific Southwest	California Polytechnic State University San Luis Obispo

Concrete Canoe Team cited as part of UAH's "Green" commitment

UAH was recognized in Princeton Review's Guide to 286 Green Colleges in April for demonstrating an exemplary commitment to sustainability. Colleges were rated on three major areas including preparing students for green jobs and responsible green citizenship. UAH's concrete canoe team efforts to build their canoes with regard to sustainability in design and construction were noted in UAH's profile.

To learn other sustainability efforts highlighted in UAH's profile click here

Upcoming Event

2010 Engineering Summer Camp Final Registration on May 28

Do you know any rising high school juniors or seniors interested in learning more about the different areas of engineering? Take a few minutes and pass the word on about our 5th Annual Engineering Summer Camp. Registration closes at the end of this week but check with Dr. Sampson Gholston at ext. 7310 or gholston@ise.uah.edu for possible space. The session is June 21-25, is limited to 25
students, cost is $400 and is a day camp M-F 8:30 to 4:00 pm. For details about the hands-on experience, go to www.eng.uah.edu/camp.

**Heading into Summer!**

**Summer Semester Class Schedule**

May 21  Late Registration  
**May 24**  Classes Begin - 10 week session  
May 24  Classes Begin - 1st 5 week session  
May 31  Memorial Day Holiday - University closed  
June 22  Last class - 1st 5 week session  
June 23  Study Day - 1st 5 week session  
June 24-25  Final Examinations - 1st 5 week session  

**June 28** Classes Begin - 2nd 5 week session  
July 05  Independence Day Holiday - University closed  
July 22  Last TR class - 10 week session  
July 26  Last MWF/MW class - 10 week session  
July 27  Study Day - 10 week session  
July 27  Last class - 2nd 5 week session  
July 28  Study Day - 2nd 5 week session  
July 28-30  Final Examinations - 10 week session  
July 29-30  Final Examinations - 2nd 5 week session  

**August 16** - Fall Semester Classes Begin  

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**Have a safe and happy Memorial Day!**

**The next Dabyte issue: June 25th**

**SEND YOUR UPCOMING EVENT DATES, STORIES, & PHOTOS TO THE DABYTE**

databytes@eng.uah.edu
Looking forward to hearing from you!