



Purdue University's Human Factors and Ergonomics Society

NEWSLETTER

September 2007

Volume 1 – Issue 1

Message from President April Savoy

I would like to start out by welcoming all the new and returning members. I am excited to have you involved in the Purdue Student Chapter of the Human Factors and Ergonomics Society,

The 2007-08 executive board promises a year filled with amazing activities, events, and meetings. We have already made many changes including the new logo, an update to the website, a new Facebook group, and a relocated bulletin board. A membership drive will be held on September 26th at 6 pm at Pickett Park to increase the number of chapter members and raise money for charity.

Our goal is to increase awareness of HF/E in our on and off campus communities, with monthly meetings, outreach programs, community service events, and design competitions. It is important to take pride in what we do and how we do it. Our designs truly improve the quality of life for users everywhere. We encourage you to be apart of history ... making Purdue University an outstanding HFES student chapter. The executive board needs you, your passion, and your skills to make this happen. This invitation is extended to all undergraduates, graduates, and faculty members to join a strong network within our HF/E community and impact others.

I hope to see you at our next chapter meeting, September 20th at 5:30 pm in Grissom 280.

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Volunteering at Women in Engineering EDGE Program

Officers Keena Byrd, April Savoy, and Ashley Benedict spent an hour on June 20, 2007 with high school girls participating in EDGE through the Women in Engineering Program. The girls were introduced to the field of industrial engineering including human factors and operations research.

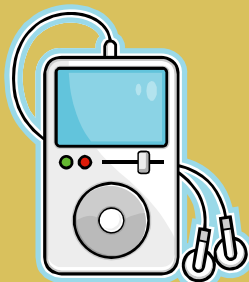
Red, white and blue bracelets were made by teams of 6 – 8 girls. To introduce human factors issues each team had one person blindfolded. Half of the teams were allowed to plan their process out and complete preparation work and the other half of the teams had to begin right away. The girls got to take their bracelets with them.



NASA's Exploration Systems Mission Directorate (ESMD) Award

Eight Purdue HFES students participated in a student opportunity related to Exploration in partnership with the National Space Grant Consortia. The IE 659 class taught by Dr. Barrett Caldwell submitted a paper titled "iPhone in NASA Ground Operations" and won first place.

The participating students were Samantha Vaitunas, Deepti Surabattula, Keena Byrd, Amit Lagu, Ralph Palmer III, April Savoy, Lalaine Ignacio, and Ashley Benedict. The paper focused on improving communication for technicians during ground operations. Quality Function Deployment and a Pugh Matrix were used to determine which device to select. The Apple iPhone was determined to be the best choice. The students received a cash award of \$2,500 and will be VIP guests for an upcoming shuttle launch at the Kennedy Space Center in Cape Canaveral, Florida.



What features should be included when designing a new mp3 player for an elderly adult?

Let us know at hfes@purdue.edu and you could win a prize.

Calendar of Events

September 18 4:30 pm
William B. Rouse Lecture on Complex Systems Research (Gris 166)

September 20 at 5:30 pm
HFES Meeting with Student Panel (Gris 280)

September 22 from 9 am - 2 pm
MINDS Outreach Program with PESC

September 26 at 6 pm
Membership Drive (Pickett Park)

October 1 - 5
51st Annual Meeting Baltimore, MD

Email HFES@purdue.edu (Subject Line: Purdue HFES Newsletter) with information you would like to see in the newsletter.

Check out the Purdue HFES Website at <http://cobweb.ecn.purdue.edu/~hfes/>