



A SWE volunteer admires a weight-bearing structure designed by a group of elementary school students

## Upcoming Events

### SNOWMAN BUILDING COMPETITION

**SAT., FEBRUARY 6, 2010  
2:00PM (SUBJECT TO CHANGE)**

Come to the Court-Kay-Bauer Quad to see who can make the biggest snowman! All you need to do is show up. Feel free to bring friends! Remember to bring a hat and scarf for decoration.

### ENGINEERING & TECHNICAL CAREER FAIR

**TUES., FEBRUARY 9, 2010  
9:00AM-2:00PM**

Stop by Barton Hall to meet with company representatives, learn about future career options, or inquire about that summer internship! Professional attire recommended.

## FUEL FOR FINALS DECEMBER 2009

SWE brightened the days of students across campus this past December by delivering "Fuel for Finals" candy grams during study week. Bags were sold for \$2 each and contained an assortment of chocolates and other delicious goodies. All of the proceeds—a total of \$270!—were donated to the Ithaca Sciencenter.

## SPOTLIGHT ON: SWE ELEMENTARY SCHOOL OUTREACH DECEMBER 7-8, 2009

As fall semester drew to a close, SWE members volunteered their time through SWE Outreach to inspire elementary school children through fun and engaging science and engineering activities.

One of the activities challenged the students to design and build a bridge-like structure that could support the weight of as many pennies as possible in a hanging basket. Students learned that using triangles could produce some of the most stable designs that could support the most weight.

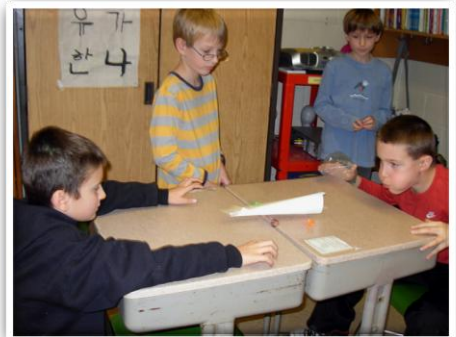


Elementary school students work on their design with the guidance of SWE members

Another activity gave the kids a chance to make their own rolling vehicles that they could propel by blowing on them. The students learned how changing the shape of their paper cones or other hollow structures would change how well their vehicle could move.



SWE Outreach volunteers talk with students about their activity



Students test their rolling vehicle on their desks

## SWE EMERGING LEADERS AWARDS NOVEMBER 4, 2009



SWE Emerging Leaders Award recipients

## BREAKFAST FOR DINNER WITH SHPE & NSBE DECEMBER 8, 2009

SWE partnered with two other engineering organizations at Cornell—Society of Hispanic Professional Engineers (SHPE) and National Society of Black Engineers (NSBE)—to bring a unique dinner to fruition.



SWE volunteers prepare pancakes, complete with your choice of blueberries, chocolate chips, whipped cream, or other toppings

## GINGERBREAD HOUSE COMPETITION DECEMBER 2, 2009



SWE members combined their creativity and engineering skills to build gingerbread houses at the December general body meeting...

Newsletter by Jennifer Doughty,  
SWE Newsletter and Photography Chair

At the November general body meeting, ten SWE members were presented with SWE Emerging Leaders Awards for their outstanding efforts as SWE chairs. Recipients included Katharine Browning, Jennifer Doughty, Katie Edwards, Cari Gandy, Katherine Hirt, Natalie Kacik, Hannah Kiem, Sandra Martinez, Rebecca Ventimiglia, and Mahina Wang. Congratulations!

Breakfast for Dinner was a huge success; the event was so popular that we almost ran out of food! Students lined up nearly out the door to enjoy eggs, bacon, bagels, made-to-order pancakes, and other breakfast foods. The dinner gave engineers a well-deserved break during study week and an opportunity to socialize with friends.



...a multi-story one in the case of this 1<sup>st</sup>-place winner!

## FACULTY RELATIONS SOCIALS NOVEMBER 19 & DECEMBER 8, 2009



SWE members enjoy apple pie and other apple treats at the November Faculty Relations Social

## SCIENCENTER EVENT NOVEMBER 14, 2009



Alexandra Woldman joins other SWE volunteers at the Ithaca Sciencenter to teach kids how to make a fun elastic polymer



Kids personalized their polymer by using food coloring to make their favorite color

## Past Info Sessions

- 3M
- Advanced Micro Devices
- Green Hills Software

