Dear Future Female Engineers & Parents,

On behalf of Cleveland State University’s Society of Women Engineers organization, I am pleased to invite you to an exciting, FREE event, WOW! That’s Engineering!® on Saturday, April 10, 2010 at the Cleveland State University Cole Center. This exciting event sponsored by the Society of Women Engineers is a day of technological talks and puzzling projects to stimulate the mind and promote engineering. Girls grades 9-12 and their parents will be “Wowed” with hands-on activities and women engineers sharing their advice and career experiences.

We hope you will join us and learn about the exciting careers available for women in the field of engineering!

Sincerely,

Maria Baker
President of the CSU Society of Women Engineers Chapter

Register by 4/2/10 at: www.surveymonkey.com/s/wowcsu

Event Details

**WHO:** Girls Grades 9-12  
**WHAT:** Wow! That’s Engineering!  
**WHEN:** April 10, 2010 from 9:30 a.m. - 3 p.m.  
**WHERE:** Joseph E. Cole Center 3100 Chester Ave., Cleveland, OH 44115  
**WHY:** In order to encourage girls across the country to become involved with engineering and technology, the Society of Women Engineers (www.swe.org) will be hosting Wow! That’s Engineering!® **There is no fee for this event.** Pre-registration is required due to limited space.

Parents & Educators
While your students are working on projects, we would like to invite you to participate in a panel discussion and do hands-on activities with engineers, engineering students and university faculty. Register online at the link above.
Thank You!: Event Sponsors
We would like to thank the Cleveland State University Transportation Center, the Fenn Academy and First Energy for being event sponsors along with the national chapter of the Society of Women in Engineering. We would also like to thank Design Lab and Cleveland HUB for their assistance.

Event Agenda

<table>
<thead>
<tr>
<th>Time</th>
<th>Girls</th>
<th>Parents/Educators</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:45-10:00</td>
<td>Registration / Paper Table Ask each girl how she will be leaving.</td>
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<tr>
<td>10:00 - 10:15</td>
<td>Welcome Speaker/ Announce Bathroom location</td>
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<tr>
<td>10:15 - 10:20</td>
<td>Shift Students and Parents</td>
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<tr>
<td>10:20 - 11:20</td>
<td>Participant Activity 1</td>
<td>Parent/Educator Activity 1 Panel Discussion</td>
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<tr>
<td>11:20 - 11:25</td>
<td>Transition to next activity</td>
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<tr>
<td>11:25 - 12:25</td>
<td>Participant Activity 2</td>
<td>Parent/Educator Activity 1 Hands On Activity</td>
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<tr>
<td>12:25 - 12:30</td>
<td>Transition to Lunch</td>
<td></td>
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<tr>
<td>12:30 - 1:10</td>
<td>Lunch</td>
<td></td>
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<tr>
<td>1:10-1:15</td>
<td>Transition to next activity</td>
<td></td>
</tr>
<tr>
<td>1:15-2:15</td>
<td>Participant Activity 3</td>
<td>Parent/Educator Activity 3 Trolley Tour</td>
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<tr>
<td>2:15-2:25</td>
<td>Keynote</td>
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<tr>
<td>2:25-2:40</td>
<td>Survey Completion</td>
<td></td>
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<tr>
<td>2:40-3:00</td>
<td>Dismissal</td>
<td></td>
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</tbody>
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Activities:

1. **Paper Table** - Participants will creatively construct a sturdy table out of paper.
2. **Rocket Car** - Blastoff with this fun and fast project, where girls will build and race their own cars!
3. **Hydraulic Lift** - With some wood, glue and air, girls will be able to lift and lower objects, and learn why fluids are their friend.
4. **Diamonds are a Girl’s Best Bet** - A shimmering presentation, this intriguing presentation highlights

And much, much more!
With many opportunities for your student to interact with women engineers in the field, the Wow! That’s Engineering event is a great chance for them to get to know this prestigious and stable career.

Register by 4/2/10 at: www.surveymonkey.com/s/wowcsu
Frequently Asked Questions

1. **Do girls sign up with their class or individually?**
   Each girl must register separately so that we may keep track of how many people will be attending the event.

2. **Are parents required to attend?**
   No, parents are not required to attend the event with their daughter, but we welcome any parent who is interested in participating in some activities or would like to help volunteer for the day.

3. **Where is parking for the event?**
   Parking is available on site and is free. Overflow parking is available in the Karpinski Engineering Lot at 3135 Euclid Avenue, Cleveland, OH 44115-2531.

Directions:
(see attached campus map for parking info)

**Cole Center- Downtown Cleveland 3100 Chester Ave., Cleveland**

**FROM THE SOUTH:** Take I-71 or I-77 North to I-90 East (The Innerbelt). Exit at Chester Avenue. Turn right onto Chester and then right on East 30th Street. Entrance to our parking lot (Lot AA) is on East 30th between Chester and Euclid.

**FROM THE WEST:** Take I-90 East to Downtown (The Innerbelt). Exit at Chester Avenue. Turn right onto Chester and then right on East 30th Street. Entrance to our parking lot (Lot AA) is on East 30th between Chester and Euclid.

**FROM THE EAST:** Take I-90 West to Downtown (The Innerbelt). Exit at Chester Ave. Off the exit, turn left on East 24th Street to reach Chester. Turn left onto Chester and then right on East 30th. Entrance to our parking lot (Lot AA) is on East 30th between Chester and Euclid. Click here for the Cleveland State University campus map. Cole Center is labeled as building CE on map.
What are the Objectives of the event?

- Facilitate a change in attitude about careers in engineering by introducing participants to the creative, innovative, and forward thinking sides of engineering.
- Engage participants in hands-on activities that build self-confidence and critical thinking skills around engineering principals.
- Foster mentoring relationships between participants and role models to encourage an expanded sense of community and a deeper understanding of what engineers do.
- Connect priorities about what participant’s want in their future work and life to the work and life of an engineer by sharing personal stories and celebrating the accomplishment of women engineers.

What will happen at the Wow! That’s Engineering!® event?

SWE has created activities for middle and high school girls to do hands-on engineering activities meet women engineers and technologists and hear first-hand about these exciting career paths.

For More Information on Volunteering, Contact:
WowThatsEngineering@gmail.com

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Registration Deadline: April 8, 2010
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