



Cornell University
School of Chemical and Biomolecular Engineering
Graduate Women's Group



Women's Outreach in
Materials, Energy, and
Nanobiotechnology



Questions?

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Visit our website for driving directions and more information!

Please remember to return parental permission forms and photo release forms by fax by February 3rd, 2012.

For safety and comfort in all the laboratory modules, please wear closed-toed shoes and long pants and tie back long hair.

Participants will be provided with safety glasses and gloves.



Saturday, March 31st, 2012
9:00 AM – 3:00 PM
Cornell University



Why WOMEN?

The WOMEN outreach program provides a unique and exciting opportunity for 10th grade girls from rural school districts to acquire positive exposure to science and engineering careers through fun hands-on laboratory experiments at Cornell University. Programming will also be provided for parents who would like to stay on campus during the event.

At the WOMEN event, students will participate in five interactive laboratory modules designed to familiarize them with the key aspects of chemical engineering and pique their interest in technology and the sciences.

The keynote speech will be delivered by Prof. Susan Daniel, the head of the Graduate Women's Group in Chemical Engineering. Prof. Daniel received her undergraduate and graduate degrees from Lehigh University in the department of chemical engineering. She has been a professor at Cornell University for 4 years and is known for her research on how the molecules in the cell membrane protect the cell from viral infections, like influenza.

Participants will enjoy an exciting day filled with fun hands-on activities and receive information on careers and the college application process.

“Chemical engineering is the only engineering discipline that combines biology, chemistry, physics, and math, for applications that can help mankind, from innovations that impact human health to developing new and better ways to meet our energy needs and nearly everything in between.”
– Professor Susan Daniel

Event Program Saturday, March 31st, 2012

Parents are invited to attend the activities denoted with (*) on the student schedule as well as the activities listed on the parent schedule.

Student Schedule

- 9:00 Check-in and Continental Breakfast *
- 9:20 Opening Message *
- 9:30 Group Activity *
- 9:45 Lab Rotation 1 (Process Engineering)
- 10:20 Lab Rotation 2 (Materials Engineering)
- 10:55 Lab Rotation 3 (BioEngineering)
- 11:30 Lunch *
- 12:40 Lab Rotation 4 (Applied Physics & Math)
- 1:15 Parent-Student Lab *
- 2:20 Dessert & Student Panel *
- 3:00 Closing Address *

Parent Schedule

- 9:45 Preparation for a Career in Engineering
- 10:15 Coffee Break
- 10:30 Campus Tour
- 12:40 Faculty Research Talks
- 1:15 Parent-Student Lab