

Society of Women Engineers Newsletter

Week of April 21st, 2008

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SWE Events:

1. SWE Social April 30th!

SWE socials have planned an event for Wednesday, April 30 from 6:00-7:30 (directly following the General Meeting in the same room). It's going to be a t-shirt making/decorating event and is going to be sponsored by Schlumberger, so we'll have a brief discussion/intro held by Schlumberger. We'll have iron on letters, paints, markers, etc. and girls will be able to make their own t-shirts (mainly SWE t-shirts). Food will also be provided!

2. Volunteer for Expanding Your Horizons!

SWE Outreach will be running a workshop for Expanding Your Horizons on Saturday, April 26, 2008. Expanding Your Horizons is an annual event to encourage girls to explore careers in science and engineering. We will be running 3 workshops and need volunteers. If you want to participate in some fun activities surrounding the science of soap and oil, sign up! EYH runs from 8 AM to 5:30 PM.

Workshop times:

Workshop 1: 8:45-11:15

Workshop 2: 11:15-12:45

Workshop 3: 2:35-3:45

If you would like to sign up for one or more workshops, please email Christie at ccb35 and Leslie at lsp25.

Another Opportunity to become involved with Expanding your Horizons:

Expanding Your Horizons, EYH, is a wonderful day-long program designed to teach young girls about science...and to get them excited about science courses and vocations. Nearly 200 girls from middle school to 9th grade come to Cornell and attend a number of workshops that they choose. These workshops are put on by graduate students in a number of the science departments at Cornell!

One way that you can participate is by being a buddy! Being a buddy is a great idea! EYH buddies are essential for the success of the conference. Buddies must be female and they escort the young girls that could not find an adult chaperone to accompany them on the day of the conference.

Our participants are 7th, 8th and 9th grade girls from the surrounding area. Throughout the day, participants will visit 3 out of the 20 workshops held across campus by students and faculty in various departments. Last year, we had 230 participants at EYH with students traveling from as far away as Albany and Mexico, NY to attend the conference.

Spending the day with one of the participants is a fun and rewarding experience! As an EYH buddy, you will receive a free EYH T-shirt to be worn the day of the conference, as well as free breakfast, lunch, and afternoon reception!

An EYH buddy is only needed the day of the conference, so if you have a busy schedule this is the volunteer position for YOU! The conference will be held on Saturday April 26, 2007, from 8:30 am to 5:00 pm.

If being a buddy doesn't sound like a commitment you would like to make, you can also volunteer in other ways. You can contact ek237@cornell.edu (Ellen Keene) and she can give you more info about other positions that need to be filled. **Guys can also volunteer for other things besides being a buddy!! More information about EYH in general can be found at www.ccmr.cornell.edu/education/eyh/index.php.

3. SWE High School Outreach (Volunteers Welcome!)

Feeling worn out by constant studying for prelims and finals? Come take a break by volunteering for SWE's high school outreach event! On May 5th, the first day of study week, we will be visiting Ithaca High School to perform various fun and exciting experiments with the students as well as discussing how wonderful science and engineering are! It is going to be a great experience, so if you want to volunteer, contact Natalie Katchmar at nnk9@cornell.edu. Also, we will need volunteers with vehicles, so if you have a car, we'd really love to have you volunteer, but we hope to get a lot of participation, so volunteer today!

4. Faculty Luncheon

Want to get free food (most likely from Aladdins!) and meet professors? The luncheon will be held on either Friday April 25th or Saturday April 26th from 12-3 pm. If you have interest in attending, Contact Amitha Kurmala at ark77@cornell.edu.

Other Organization Events:

5. Dynamic Presentations and Leadership Event

Want to learn how to give dynamic presentations from one of the industry's best?
Interested in perfecting your leadership skills?
Then come to our DYNAMIC PRESENTATIONS & LEADERSHIP EVENT!!

DATE: FRIDAY, APRIL 25TH

DYNAMIC SPEAKER: FERNANDO ROSARIO, CONSULTANT FROM ACCENTURE

LOCATION: PHILLIPS 219

TIME: 4:45PM-6PM

FOOD WILL BE PROVIDED! OPEN TO EVERYONE!

SPONSORS: ACCENTURE
THE SOCIETY OF HISPANIC PROFESSIONAL ENGINEERS

EMAIL BEN AT brg24@cornell.edu to RSVP!!!

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## Research, Internship, Training & Employment Opportunities:

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### 6. Goldman, Sachs & Co. Undergraduate Camp ([www.gs.com/careers](http://www.gs.com/careers))

Great minds don't always think alike. Here we embrace those with a different point of view. Because the challenges we face come in many different forms, it takes many different kinds of people to meet them. Are you one of them?

Goldman Sachs will be hosting our annual Undergraduate Camp from May 27th through May 30th in New York City. The 2008 Goldman Sachs Undergraduate Camp offers rising sophomores an opportunity to explore the financial services industry and become familiar with the firm's business, history and culture.

This event is open to Black, Hispanic, and Native American students from all majors and disciplines. The 4-day program features divisional overviews, case studies, career workshops, and networking with Goldman Sachs business and recruiting professionals. If you are interested in attending, please click the link to below and complete the application by April 25, 2008. For any questions or concerns please contact Conrad Woody or Jennifer Torres. Warm Regards, The Firmwide Diversity Recruiting Team 2008 Goldman Sachs Undergraduate Camp Application

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### 7. Announcing Procter & Gamble's Student Programs!

Procter and Gamble's Student Programs are designed to give early exposure to top students of the work we do at P&G. There will be 6 different programs held in Cincinnati, OH at our Global Headquarters during the weeks of July 28th and August 4th, 2008. Students participating in these programs will learn about the various areas within P&G as well as have an early opportunity to interview for employment opportunities (intern and fulltime) with P&G!

[http://www.pg.com/jobs/jobs\\_us/sectionmain.jhtml](http://www.pg.com/jobs/jobs_us/sectionmain.jhtml)

For additional information, please contact one of the Recruiting Specialists listed below.

Consumer & Market Knowledge - Barb Thomas ([thomas.bi@pg.com](mailto:thomas.bi@pg.com))

Engineering - Suzanne Rupert ([rupert.sc@pg.com](mailto:rupert.sc@pg.com))

Finance, Accounting, and Tax - Gina Dumas ([dumas.gl@pg.com](mailto:dumas.gl@pg.com))

IT/Information and Decision Solutions - Kristin Estep ([estep.ks@pg.com](mailto:estep.ks@pg.com))

Marketing - Eloise Williams ([williams.e.1@pg.com](mailto:williams.e.1@pg.com))

Science - Brandi Chandler ([chandler.bn@pg.com](mailto:chandler.bn@pg.com))

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## 8. Opportunities with Microsoft!

Microsoft has a unique opportunity for those of you who are interested in technology, but do not have the computer science background to be a developer! This year, Microsoft is offering a Test Apprenticeship Program to graduating seniors who are looking for full-time work. This program is part-time training and part-time hands-on work...and you get paid for it! I have attached the TAP job description to get you better acquainted with the program, and if you are interested, please submit your resume to: [appres@microsoft.com](mailto:appres@microsoft.com).

Please also fill out the candidate interest form (also attached to this email) and include it in your submission. If Microsoft is interested in your candidacy, a phone screen will be set up in the next couple weeks.

There are two requirements you must fulfill to be considered for this program:

1. You must be eligible for full time employment by July 2008. You cannot be considered unless your graduation date is prior to this time because the program begins in the summer.
2. This program does not support visas, therefore candidates must be US Citizens or Nationals, Permanent Residents, Refugees, Asylees, Applicants for Legalization or Amnesty.

If you do not meet both of those requirements, please do not submit your application.

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## 9. Kaust Discovery Scholarship

This is a unique opportunity for a fully-funded graduate education that every science and engineering student would benefit from hearing about.

To attract an exceptional student body, KAUST provides full undergraduate and graduate scholarships to talented and deserving students from around the world. Students awarded the Discovery Scholarship will have the remainder of their undergraduate education fully funded at their home institution, and upon graduation they will matriculate at KAUST to pursue a fully funded Master's degree.

An independent institution with an international board of trustees, KAUST is being built on Saudi Arabia's Red Sea coast and will be supported by one of the largest endowments in the world. Faculty will be selected in conjunction with the KAUST Academic Excellence Alliance partners—Stanford University, University of California Berkeley, University of Texas at Austin, and Imperial College London. KAUST will welcome its inaugural class in September 2009. If you have any questions please contact Dan Pattarini at [dpattarini@iie.org](mailto:dpattarini@iie.org).

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## 10. Internships Available in India/Thailand

Ever wonder what it would be like to live and work in another country with a culture very different from your own, and be able to do that with a group of your friends?

Consider an international internship that provides FREE or INEXPENSIVE HOUSING and the resources of a CORNELL ENGINEERING STUDENT FAMILY to help you acclimate, learn the culture, and assist in any issue. Although Cornell University does not sponsor or take responsibility for these internship opportunities in any way, YOU WILL HAVE GUIDANCE AND RESOURCES TO THE EXTENT THAT YOU WISH, as provided by the parents of Cornell engineering students. The following internships remain open in Thailand and India.

#### BANGKOK, THAILAND - UNIVERSITY RESEARCH (Summer, Fall, Spring) CHULALONGKORN UNIVERSITY / PETROLEUM & PETROCHEMICALS COLLEGE

Several positions are possible. Work is conducted in English. Unpaid research positions with free housing (the house must be big -- they offered to house up to six Cornell students at once!), free food and local transportation provided by the family of a Cornell engineering undergraduate (that might be comforting for your parents). Airfare is not provided, but you will be greeted at the airport. Website for research topics:

<http://scholar.google.com/scholar?q=petroleum+and+petrochemical+college+&hl=th&um=1&ie=UTF-8&oi=scholar>

Students may either stay at the host family home and take public transportation to the station and then to the University or rent an inexpensive hotel/guest house near the university.

50 MI FROM BANGKOK, THAILAND - WESTERN DIGITAL several positions are possible. Work is conducted in English. This will incorporate factory work that may not be the most glamorous or challenging work, but will immerse students into the Southeast Asian business culture. Cornell parent host will assist to locate suitable and affordable housing (\$150-\$200 US) near the plant; students may stay at host home free on weekends or when visiting in Bangkok (the house must be big -- they offered to house up to six Cornell students at once!), with free food provided at the home of a family of a Cornell engineering undergraduate (who may also work at this factory). Pay is estimated to be \$7.50 US per day (which can buy a lot in Thailand). Airfare is not provided. Requires approval and acceptance by the company for training. Life in a developing country will not be similar to what you may be used to in the US. You would need to do what the company assigns you to -- it may not be very glamorous work, but the experience of spending a summer in Thailand with a Cornell-parent host family to help you acclimate (that might be comforting for your parents) can be a once-in-a-lifetime experience. Did we mention also free use of the family's beach condo outside the city for vacations?

PUNE, INDIA -- KPIT/CUMMINS (Summer, Fall, or Spring) Sponsored by the parent of one of Cornell's MENG students. Work is conducted in English. Opportunity for one Cornell student as a summer intern or as a co-op. The pay is 15,000 rupies per month (about \$375 -- this goes a long way in India), plus dormitory-style housing and \$1,000 towards airfare. The company is KPIT/Cummins (a joint venture between KPIT Consulting and Cummins Engine) in Pune, in the Mumbai (Bombay) region. KPIT / Cummins is looking to bring together a truly international team of students from about 15 countries outside of India. Students who are from India are not eligible for this program. Students should have background or interest in the areas listed below. Discipline within engineering does not matter. Areas of possible projects might include:

- Multicore technology: Automatically converting sequential code to parallel code.
- Vision Systems: Development of vision assist systems for car drivers. This includes lane departure warning system, lane change assist, parking assist etc.
- Automated cluster testing using vision. In a cluster, one has many dials and indicators. We are

automating the process of testing

- Vehicle Tracking and monitoring systems.
- Sensor fusion: software development for integrating several sensors.

Email Resume to: [mss9@cornell.edu](mailto:mss9@cornell.edu) ASAP and include in the subject Line: India Internships or Thailand Internships

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## Other Useful Information!

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### 11. Subscribing to the Alumni list

An alumni list was created in August 2006. Unlike SWEmail, this will not be a weekly email. It will most likely be monthly. For those who just graduated or those who are alumni on the list, you can join by sending an email to [lyris@cornell.edu](mailto:lyris@cornell.edu) with the message as (without quotations and brackets) "join SWEalumni-L <insert your name>"

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### 12. Unsubscribing From SWEmail

For those of you who have recently graduated or are not interested in receiving SWEmail, send an email with leave SWEmail-L" to [lyris@cornell.edu](mailto:lyris@cornell.edu).

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### 13. Please direct SWE questions to the appropriate people:

Presidents: Jenna Rae ([jmr229@cornell.edu](mailto:jmr229@cornell.edu)) and Wanling Yih ([wy47@cornell.edu](mailto:wy47@cornell.edu))  
Career Development: Diana Wu ([dw234@cornell.edu](mailto:dw234@cornell.edu)) and Sara Huang ([xh33@cornell.edu](mailto:xh33@cornell.edu))  
Outreach: Liz Corson ([ecc35@cornell.edu](mailto:ecc35@cornell.edu)) and Catherine Manix ([cgm25@cornell.edu](mailto:cgm25@cornell.edu))  
Public Relations: Emily Swarr ([ecs43@cornell.edu](mailto:ecs43@cornell.edu)) and Alex Milaychev ([am495@cornell.edu](mailto:am495@cornell.edu))  
Finance: Alice Chuang ([acc65@cornell.edu](mailto:acc65@cornell.edu))  
Student Services: Julie Katz ([jnk23@cornell.edu](mailto:jnk23@cornell.edu)) and Laura Connelly ([lsc33@cornell.edu](mailto:lsc33@cornell.edu))  
Corporate Relations: Kavita Baba ([kb273@cornell.edu](mailto:kb273@cornell.edu)) Adwiti Balakrishna ([ab442@cornell.edu](mailto:ab442@cornell.edu))  
Renee Yuen ([ry42](mailto:ry42)) and Amrita Mahtani ([agm39@cornell.edu](mailto:agm39@cornell.edu))  
Fundraising: Caitlin Cutter ([clc62@cornell.edu](mailto:clc62@cornell.edu))

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### 14. Posting Messages:

Email your message to Emily ([ecs43](mailto:ecs43)) by 12:00PM on Sundays for a message to show up in the next weekly SWEmail. If your message is urgent and needs to be sent out as a SWExpress, please indicate so in the subject so that it can be sent out as soon as possible.

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Emily Swarr  
Co-Director of Public Relations  
[Ecs43@cornell.edu](mailto:Ecs43@cornell.edu)