

Cornell SWEMAIL Academic Year 2008-2009
Week of Dec 7, 2008
Society of Women Engineers

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For a complete calendar of Cornell SWE's Events, visit us at:
<http://swe.cornell.edu/calendar.html>

SWE Events:

1. Take Pictures at SWE Events!

Hi everyone,

I am a publicity chair for SWE this year and am responsible for writing a newsletter about the various SWE events this semester. If any of you happen to volunteer at an info session or attend any other interesting event, I would really appreciate it if you took a

camera with you! Please email me (ng262) any pictures you may have or just write me a sentence or two about what happened and what you did. This would be a great way for me to keep up with what everyone is doing for SWE! Thanks a lot!!

Natasha

2. Meet the Faculty - SWE Luncheon!

December 8th
12-1:30pm
Upton Lounge

Come eat lunch and socialize with women faculty in the engineering college! It's a perfect study break, and the food will be quite tasty!

3. Fall 2008 SWE Newsletter now available!

Come stop by the bulletin board in front of the next to the SWE office in 162 Olin Hall for a copy of SWE's Fall 2008 Newsletter! Learn more about what SWE has been up to this semester!

4. First Robotics Junior Lego League Event

Volunteer at this fun LEGO-themed science event for 6 to 9 year olds. Information on last year's event is available here: http://www.cnf.cornell.edu/cnf_jrfl.html. Lunch and dinner will be provided. Email Nicole (ncr6) to sign up!

Date: Saturday, January 31, 2009

Time: Any time between 11 am – 4 pm

5. Cornell Society of Women Engineers Elementary School Outreach

Date: Monday, December 8th□

Details: Come take a study break and visit Ithaca elementary schools! We'll be doing fun engineering activities with the children in the morning from 8:30 to 12:00 on December 8th, the first day of study week. Transportation will be provided as well as breakfast. Volunteers will be required to attend one training meeting either on December 3 at 6:00 (right after the SWE general meeting) or December 6 at 2:00. Volunteers can be from any school and any major! This will be a great opportunity to connect with the greater community and also to earn service hours!

Contact Meghan (mec255) or Laura (lkj23) for more information.

Research, Internship, Training, & Employment

6. NYSE seeking technologists

Hi, the NYSE is looking for bright technologists to join our 2009 technology development program. This is a terrific program that I'm sure your club members will find to be a great opportunity. I have attached the job description as well as a link to our website. Anyone interested is invited to email their resumes to dreese@nyx.com.

Thank you!

7. Morgan Stanley: Technology Summer Job 2009 Technology Summer Program

Technology Summer Program Overview: The 10-12 week Technology Summer Program is designed to develop highly motivated junior technologists who partner with the business units to solve complex problems through the appropriate use of technology. The program commences with an introduction to the securities business and the Morgan Stanley Technology division. An overview of the Morgan Stanley technical environment, systems and infrastructure is provided. Throughout the program, Summer Interns may enroll in additional on-site training classes to sharpen their skills in the technologies relevant to their internship.

A weekly speaker series allows Summer Interns the perfect forum to learn and discuss emerging trends and developments in technology and finance with senior managers representing the Firm. Smoothing the transition from classroom to the corporate environment, Summer Interns are paired with Morgan Stanley technologists who serve as mentors. In many instances, mentor relationships continue well beyond the end of the program. Moreover, frequent social activities throughout the program allow for networking opportunities with Technology officers, associates and peers.

Duties and Responsibilities: Technology Summer Interns are recruited and placed in a specific development or infrastructure team for the duration of the internship. They solve business problems that are unique to a market leading institution using innovative technology. Over 50,000 employees and many customers need easy access to our backend platforms. Our software is developed on Windows, Unix and Linux, using Java, C++, C# and Perl. Our developers leverage third-party infrastructure as well as infrastructure developed in house -- these include relational databases, global XML/SOAP messaging infrastructure, high-availability clusters, and massively scalable distributed systems. Some projects of our former interns include working on our enterprise portal, wireless access, or components of our many trading and risk reporting systems using various technologies such .NET, JSP, Java Servlets and SOAP.

Summer Interns receive an invitation to interview for a full-time position as a Morgan Stanley technologist in the Technology Training Program. Summer Interns who have excelled in the program but will not be graduating in the upcoming year may be invited to participate in the following year's summer program. Ultimately, the Technology Summer Program provides a solid foundation on which to build a career in technology at Morgan Stanley.

Qualifications: BS and MS in Computer Science, Electrical Engineering, Mathematics, Physics or related science and engineering disciplines preferred. We look for excellent problem-solving skills and the ability to adapt to a dynamic and multifaceted

environment where business and technical skills are intermingled. In addition, we look for strong communication skills, the ability to work and interact with others, English proficiency and a strong academic background (a minimum GPA of 3.0/4.0). TO BE CONSIDERED, ALL CANDIDATES ARE REQUIRED TO APPLY ONLINE AT www.morganstanley.com

8. Summer Research Experience for Undergraduates

The Materials Research Center at Northwestern University offers a 9-week, paid summer research experience for undergraduates. The students are paired up with some of the leading research professors in science and engineering fields. Research areas include ceramics, polymers, nanocomposites, photonics, nanoparticles, molecular electronics and biomaterials. Students currently pursuing an undergraduate degree in science or engineering who are US citizens or permanent residents are eligible. The program dates this year are June 22 to August 21. Participants are paid \$4000 stipend plus on-campus housing. For more information, please visit our website:

http://www.mrsec.northwestern.edu/content/educational_programs/reu.htm

If you have any questions, please contact Klara Mueggenburg at mrc@northwestern.edu, 847-491-3606.

9. Interested in Interning with NASA?

The following are 10-week summer internships in science and engineering areas relevant to NASA. For ALL of these opportunities, to qualify for New York Space Grant funding a student must be both a

- US citizen and
- NY State resident OR attend a college/university within NY State

Detailed information and applications are posted on our web site:

<http://astro.cornell.edu/spacegrant/undergrad.html>

Opportunity: NASA/NY Space Grant and NASA ESMD Internships at NASA Centers

Other Eligibility Details: Rising sophomores or rising juniors through entering first-year graduate students, minimum GPA 3.0/4.0

Compensation: \$5,500 stipend + \$1,000 travel/relocation

Application Deadline: 02/01/2009

Opportunity: NASA Academy

Other Eligibility Details: Rising juniors through first-year graduate students, high academic standing

Compensation: \$4,000 stipend + \$1,000 travel/relocation (intern housing and other costs provided by NASA Academy)

Application Deadline: 01/15/2009

Opportunity: NY Space Grant Summer Undergraduate Research Program at Cornell
Other Eligibility Details: Rising sophomores through seniors
Compensation: \$5,500 stipend
Application Deadline: 02/16/2009

Misc...

10. Senior-Junior Women's Event Registration, January 2009

IF YOU HAVEN'T ALREADY REGISTERED, THINK ABOUT IT BEFORE
THANKSGIVING

BREAK... the end of the semester will be here before you know it!!

If you have registered, please encourage your friends to sign-up...

The Senior-Junior Women's Alumnae Dinners are a great way to calm students' post-graduation anxieties. Each event is personal and intimate because alumnae host the meals in the privacy of their homes. On average, 8-15 students are matched with an equal number of alumnae at each event.

One former student attendee had this to say:

“The informal, homey atmosphere was very conducive to conversation. Alumnae and students felt free to give honest and direct responses to various career and lifetime experience concerns.”

Each event will feature women from a variety of career fields, and is not meant to match students with alumnae from their individual fields. Students are guaranteed a chance to speak one-on-one with successful alumnae and gain insight into what to expect after graduation, the transition into the workplace, or even how to balance interpersonal relationships against a demanding career.

Start thinking now about January 2009, and make plans to attend any of these events (you don't need to currently live in the region to attend a meeting, it is best to attend an event in the area you hope to “land” after graduation):

Mid-Atlantic: Philadelphia, PA: Sunday, January 11th
Washington, D.C. (Annandale, VA): Sunday, January 4th
Midwest: Chicago, IL: Sunday, January 4th
Northeast: Greater Boston: Tuesday, January 7 (Newton) and

Saturday, January 10 (Weston)
NY Metro Area: Dinners in Manhattan: Monday-Thursday, January 5-8
Sunday Brunches in: Northern NJ (Short Hills) January 4th,
Westchester (Bronxville) January 4th
Saturday Brunches in: Long Island, January 10th
Bronx, January 10th,
Brooklyn Heights, January 10th,
Princeton, NJ, January 10th
NY Upstate: Buffalo: Saturday Brunch, January 3
Ithaca: Weeknight Reception, Date TBA (Sun 1/11 or Tues
1/13)
Rochester: Wednesday Dinner, January 7
Southeast: Miami, FL (Ft. Lauderdale): Sunday Afternoon Tea, January 4th
West Coast: Los Angeles, CA (Manhattan Beach): Sunday Brunch, January 4th
San Francisco, CA (San Carlos): Sunday Brunch, January 4th

On-line Registration:

<http://ccs.career.cornell.edu/SeniorWomen/SnrWmnEntry.htm>

See links at career.cornell.edu...Career and Alumni Connections
link...Women's Events.

Informal brunches will also occur in Minneapolis, MN, Portland, OR,
Seattle, WA and Poughkeepsie, NY but not included in the on-line
registration. Contact NFL1@cornell.edu to be connected with these
alumnae hosts.

Seeking Committee Members:

Interested in assisting the alumnae hosts? We need committee members for: Buffalo,
Chicago, Philadelphia, and Rochester.

Committee members promote these events to other Cornell junior and senior women this
fall, and attend one of the events to serve as student
hostess. Seniors only please. Please request an application form via
email from Nancy Law (NFL1).

Questions? Contact one of the Program Co-chairs: NaNa Hwang (NH97), Sara Lanes
(SLL36) or Nancy Law '84 (NFL1@cornell.edu), by phone at 255-9046 or stop by Career
Services, 203 Barnes Hall.

11. Ingenius Competition Video

Dear Juniors,

The L'Oreal Ingenius 2009 application deadline has been extended to December 15th!
Everyone should consider this great opportunity. It is a once in a lifetime experience.
Here is a youtube link telling you all about the competition and how to apply.

<http://www.youtube.com/watch?v=5a4Vt3ui4As>

12. Join AguaClara!

Join AguaClara for the Spring 2008 Semester!

Seeking students to join the AguaClara team. No experience is necessary. Undergraduates of all ages are encouraged to join (offered as either CEE 2550 or CEE 4550). Students have the opportunity to take part in a trip to Honduras through the class. AguaClara is especially seeking Spanish speaking students and students with experience in LabVIEW.

For more information please email ajd47@cornell.edu

13. Contact Information!

Name, Directorship, Netid

Kavita Baba, President, kb273
Adwiti Balakrishna, President, ab442
Amrita Mahtani, Corporate Relations, agm39
Renee Yuen, Corporate Relations, ry42
Corinne Winters, Corporate Relations, caw262
Alex Woldman, Corporate Relations, ayw6
Emily Swarr, Career Development, ecs43
Kristie Resetco, Career Development, kmr53
Alex Milaychev, Public Relations, am495
Christine Pitner, Public Relations, clp65
Christine Catudal, Conference Planning, clc242
Liz Tutunjian, Conference Planning, eht26
Barbara Wang, Student Services, baw39
Michelle Zheng, Student Services, myz4
Caitlin Cutter, Fundraising, clc62
Danielle Brody, Fundraising, dlb333
Alice Chuang, Finance, acc65
Liz Corson, Outreach, ecc35
Nicole Rodia, Outreach, ncr6

14. Adding something to SWEmail!

If you wish to have an ad or blurb in the SWEmail, please send it to cornellswe@gmail.com by **12 pm Sunday**.

Have a great week, ladies!
Alex and Christine

