

Cornell SWEMAIL Academic Year 2008-2009  
Week of November 16, 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>

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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. General Body SWE Meeting Wednesday, December 3<sup>rd</sup>!

SWE's next general body meeting is at 5pm on Wednesday, December 3<sup>rd</sup>. The location is TBA. We'll keep you updated! ☺

## 3. SWE Lunch with High School Students

Want to talk to high school students about college life? Get a free lunch! The Nanobiotechnology Center has a group coming to Cornell from Spencer Van Etten on Monday, November 24th and would like to invite SWE to join us for lunch at noon. There will be Italian food for lunch, and the event will be held somewhere within the engineering quad, TBA. Please email Liz (ecc35) if you are interested.

## 4. Fall 2008 SWE Newsletter now available!

Come stop by the bulletin board 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!

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## Research, Internship, Training, & Employment

### 5. Info Sessions

Technical Presentation by Arup

11/20

4:30 - 5:30 pm

366 Hollister Hall

CEE, MAE, ECE

Arup Information Session

11/20

5:30 pm

366 Hollister Hall

CEE, MAE, ECE

## 6. ARUP – On Site Interviews for Engineering Grads

Arup is a leading design engineering and consulting firm with 10,000 employees worldwide in 80+ offices. We are involved in the work of some of the most prestigious building and civil engineering projects locally and worldwide. Our U.S. practice, established more than 20 years ago, includes over 800 employees in 10 offices. We hire the best and brightest graduates and provide an opportunity for growth and development commensurate with your investment of skill, energy and desire to succeed.

### **TECHNICAL PRESENTATION**

Thursday, November 20

4:30pm - 5:30pm

Location: Hollister Hall, Room 366

Presentation: The Role of the Structural Engineer in Contemporary Architectural Design

Speaker: Patrick S. McCafferty, PE BSc'95, ME(c)'96

Please RSVP to Anna Sandoval, [anna.sandoval@arup.com](mailto:anna.sandoval@arup.com)

### **INFORMATION SESSION**

Thursday, November 20

5:30pm - 6:30pm

Location: Hollister Hall, Room 366

Please RSVP to Anna Sandoval, [anna.sandoval@arup.com](mailto:anna.sandoval@arup.com)

All students welcomed, pizza and drinks will be served.

### **ON-CAMPUS INTERVIEWS**

Friday, November 21

Location: Carpenter Hall, Room 201

To be considered for an interview, please apply online at [www.goarup.com](http://www.goarup.com) by **November 14**

Did you know that Arup designed the “Bird’s Nest” and “Watercube” venues at the 2008 Summer Olympics in Beijing?

To learn more, go to [www.arupinbeijing.com](http://www.arupinbeijing.com)

Start here, go anywhere

[www.goarup.com](http://www.goarup.com)

## 7. 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](mailto:dreese@nyx.com).

Thank you!

## 8. 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](http://www.morganstanley.com)

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Scholarship Opportunities

## 9. HSF Scholarship

I would like to ask you for just a few minutes of your time with a small request that is very important for your students.

We will be awarding \$10,000 scholarships this fall as part of a program with Marathon Oil Corporation. They will be awarded to minority students for up to 2 years – \*a potential of \$20k per student, plus up to 3 summers of paid internships with Marathon! \*These opportunities are open to African American, Asian/Pacific-Islander and American Indian students as well as Hispanic students.

\*

I am asking you to please get the information about these excellent scholarships directly into the hands of your students.\* To accomplish this, please forward this email to some of the following people, with a request that they email this information to students:

- 1) The person responsible for minority/underrepresented students in your department
- 2) The person coordinating scholarships in your department
- 3) Someone in administration/student affairs who can email this information directly to your students

\*The application deadline for this program is November 1, so please get this information to your students as soon as possible.

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Specific eligibility criteria and the application itself can be viewed at <http://www.hsf.net/Scholarships.aspx?id=464>.

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Misc...

## 10. 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](mailto:ajd47@cornell.edu)

## 11. 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

## 12. Adding something to SWEmail!

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

Have a great week, ladies!

Alex and Christine