

Cornell SWEMAIL Academic Year 2008-2009
Week of March 22, 2009
Society of Women Engineers

Contents:

Research, Internship, Training, & Employment

1. NYSE seeking Technologists
 2. National Science Foundation Science & Technology Centers 2009 Summer
 3. Johns Hopkins University Applied Physics Laboratory
 4. 3M 2009 Summer Internship Opportunities
-

Scholarship Opportunities

None at this time!

Misc.

5. Young Inventors International Conference for Student Innovators and Entrepreneurs!
 6. Opportunity to be in the Cornell Engineering Magazine!
 7. Contact Information
 8. Adding something to SWEmail!
-

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

Research, Internship, Training, & Employment

1. 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!

2. National Science Foundation Science & Technology Centers 2009 Summer Undergraduate Internship Programs

Dear Prospective Candidate,

We would like to invite you to apply to the NSF-STC Summer Undergraduate Internship Program. The National Science Foundation Science and Technology Centers (STCs) offer paid summer internships at our seventeen centers, located at prestigious universities around the United States. These summer internships provide undergraduates an opportunity to conduct research in a graduate school setting in the following fields: 1) biological sciences, 2) computer and information sciences, 3) engineering, 4) geosciences, and 5) mathematical and physical sciences.

These summer research opportunities are fully funded and are an excellent way to gain a competitive edge toward graduate school. The centers are currently accepting applications for the 2009 Summer Programs. Deadlines are rapidly approaching and I would like to encourage anyone interested to apply. For more information on participating Centers and their application process and deadlines please access our website at www.nsfstc.org.

If you have any questions, please feel free to contact me via email at wuehara@cens.ucla.edu. Thank you for your time, and I look forward to seeing your application.

Sincerely,

Wesley Uehara
Recruiting Manager
NSF-Science & Technology Centers

3. Johns Hopkins University Applied Physics Laboratory

SWE Chapter,

The Johns Hopkins University Applied Physics Laboratory is a nationally recognized, university-affiliated R&D center investigating some of the nation's most complex science and engineering problems. Scientists and engineers work at the leading edge of technology in over 200 programs, ranging from defense systems engineering to space science and biomedicine. We are actively recruiting for new graduates for entry level technical employment opportunities and internships

Click [here](#) to learn more about our organization.

We strongly encourage everyone with relevant background and professional interests to consider opportunities at APL. Due to the nature of our work, most positions at APL require U.S. citizenship.

Thank you,

Stacy D. Murphy

Employment Systems and College Recruiting □ Johns Hopkins University Applied
Physics Laboratory □ 11100 Johns Hopkins Road □ Laurel, Maryland 20723

www.jhuapl.edu

4. 3M 2009 Summer Internship Opportunities

This note is being sent on behalf of Gene Washington, Manager, 3M
Workforce Diversity.

We are seeking your assistance in identifying Engineering students for
our 2009 Summer Internships, located at our corporate headquarters in St.
Paul, MN.

Qualifications:

- Chemistry
- Chemical
- Mechanical
- Electrical
- Material Science
- Physics
- Polymer Science

- Junior Standing
- A minimum 3.0 GPA
- Available Summer 2009

To apply go to www.3M.COM/jobs4me enter requisition 900138.

Please SHARE the attached document with your students. Thank you for your
prompt response. We look forward to building a relationship with you and
the students at your University!

Scholarship Opportunities

None at this moment!

Misc...

5. Young Inventors International Conference for Student Innovators and Entrepreneurs!

Join us at the 2009 YII Conference - www.younginventors.org/conference
Hosted at Carnegie Mellon University by Project Olympus (<http://olympus.cs.cmu.edu/>)

Young Inventors thanks our supporters:

Ramius Corporation (<http://www.ramius.net>) - Online Community Partner

Globalive Communications (<http://www.globalive.com>) - Webinar Delivery Partner

Young Inventors International (YII) invites students interested in innovation and entrepreneurship to attend

YII's 5th Inventing the Future Conference

April 3rd and 4th, 2009

Carnegie Mellon University

Pittsburgh, PA

Hosted by Project Olympus (olympus.cs.cmu.edu/)

Featuring Regis McKenna as the opening keynote speaker.

The conference will consist of three interactive sessions:

1. Commercialization Marathon

Experts will offer students practical advice about intellectual property, entrepreneurship and commercialization, raising funding, prototyping and design, and market research.

The knowledge will be useful for students who want to become entrepreneurs or bring new technologies to market for their employers.

2. Entrepreneurship Panel and Networking

Students will be invited to present elevator pitches for their ideas and connect with experts and mentors. A panel of three young entrepreneurs will talk about how they started their ventures from their dorm rooms and grew them into successful enterprises.

3. BrainBuzz

Students will work together with experts, entrepreneurs, and potential mentors to solve a series of brainstorming challenges - and network more meaningfully with all of the participants. The technologies used in the BrainBuzz will include technologies for the developing world from MIT's Innovations in International Health group, and participants

will have an opportunity to improve these technologies to benefit those in need.

For more information, speaker updates, and registration, visit www.younginventors.org/conference. Space is limited.

Benefits of attending:

- Access to hand-picked experts that can help you in commercializing your technology.
- Opportunities to connect with potential investors, employers, and partners.
- Opportunities to learn about early stage commercialization of high-technology inventions.
- Opportunities to advance your career as an entrepreneur, researcher, or young professional.
- Connecting with 100+ other student innovators and entrepreneurs.

How is the YII conference unique?

- It's highly interactive, not a series of lectures.
- Connections are meant to be not just an exchange of business cards, but an opportunity to find lifelong mentors and supporters.
- The focus is on practical advice that you can use immediately - and throughout your career.

About YII

YII is a not-for-profit organization that works with more than 1,800 university students in the United States and Canada to provide the students with skills and networks to bring new technologies to market. YII has held conferences at the University of Toronto and MIT, and has presented workshops at more than 20 universities. For more information, visit www.younginventors.org.

Questions? Email Anne at anne@younginventors.org.

We look forward to seeing you!

6. Opportunity to be in the Cornell Engineering Magazine!

If any of you have decided to participate in the Solar Power Applications Contest, please contact Robert Emero at rbe7@cornell.edu. He's interested in writing an article about this contest in the Cornell Engineering magazine, and would like to interview you! This is a fantastic opportunity, ladies, so go for it!

7. 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

8. 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