

AIChE-PITTSBURGH THE CATALYST

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Visit us on-line at:
www.aichepgh.org

JANUARY MEETING

Our traditional January joint meeting with AWMA at the Penn Brewery WILL take place this year. Details are still being ironed out; we will send a separate message with complete information as soon as it becomes available!

CALL FOR NOMINATIONS

Nominations for candidates to serve as Pittsburgh Section officers have been solicited in previous newsletters. We are pleased to announce that Mr. David Balister of Bayer Material Science has been nominated for the position of Treasurer. Our executive board has asked Mr. Balister to serve as Treasurer on an interim basis until formal elections are held next month.



AIChE
Pittsburgh
Needs
You!

We are still looking for candidates to run for the elected Vice-Chair, Secretary and Counselor positions. If you would like to nominate a candidate—perhaps yourself—for any of these offices, please e-mail Local Section chair Paul Brezovec before January 15. Paul's address is brezovec@ctc.com.

We also have two non-elected leadership positions that we need to fill: Newsletter Editor and Membership Chair. Please contact Paul if you have an interest in serving the Local Section in one of these roles.

UPCOMING EVENTS

January 16: Future Cities Competition at Carnegie Music Hall (volunteer at: <http://futurecitypittsburgh.org/futcityvolunteers.htm>)

February 16: Annual Students' Night and Awards Banquet at the University of Pittsburgh Student Union

**Please sign me up for the Pittsburgh
Section of AIChE**

Name _____

Company _____

Address _____

City _____ State _____ Zip _____

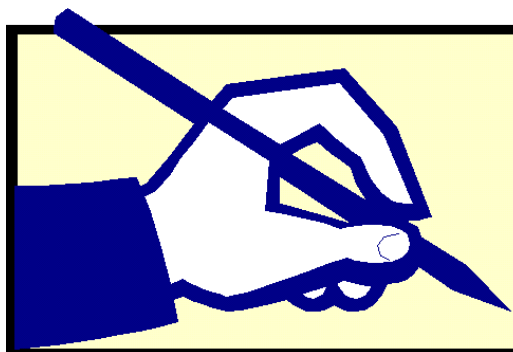
Business Phone _____

Residence Phone _____

Email _____

BECOME A MEMBER OF AIChE-PITTSBURGH!

Local Section dues are \$20/year. Contact Gary Hall: gary.hall@sauereisen.com



**Best wishes for a
great 2010 from
AIChE-
Pittsburgh!**

CARNEGIE MELLON UNIVERSITY ENGINEERING STUDENTS LOOKING FOR SUMMER INTERNSHIPS



The best way for engineering students to learn about the world of engineering is to experience a summer internship. We encourage all of our College of Engineering students at Carnegie Mellon University to have at least one summer internship before they graduate. Interestingly, many of our students will have completed at least two internships prior to graduation! To see where our engineering students have previously interned,

please go to www.cmu.edu/career/cit and click on 'salaries' and then 'summer internships'. During these internships, not only will they learn about the world of work and use their technical engineering skills to accomplish a project, but they will also acquire many necessary professional skills during these internships. They will learn how to:

- Adjust to a corporate culture
- Work with a supervisor and with experienced engineers
- Complete a real-time project that will impact the company's bottom line.

In addition to preparing students to become engineers, internships are also critical in helping students to get their first professional engineering jobs after they graduate.

Our College of Engineering students can major in Chemical Engineering, Civil Engineering, Electrical & Computer Engineering, Materials Science & Engineering and Mechanical Engineering. We also allow our students to have double majors in Biomedical Engineering and Engineering & Public Policy.

We welcome any employer to recruit our students for a summer internship. These internships are usually paid and are not for credit. If you are interested in looking at our engineering students' resumes, there are several ways to do that. You can access our TartanTRAK system at www.cmu.edu/career/employers and enter a posting (no charge!) for a summer internship position and then receive resumes directly to your email. You can also schedule to come on campus to interview our students in the Career & Professional Development Center (no charge!). Or you can email your posting (internship or full-time) to Lisa Dickter at dickter@andrew.cmu.edu and she can email it to our students. We also have an Internship and Job Fair on February 4, 2010 called the EOC, www.cmu.edu/career/eoc. For more information on engineering internships, please email or call Lisa at 412.268.2064.

Each year we have hundreds of engineering students looking for summer internships. These internships are a win-win for the students and for the employers. Not only will you get a hard working CMU engineering student who knows about the latest engineering methods and who will want to complete a challenging project for you, but you will also be able to help an engineering student to acquire many real-world engineering skills.

Editor's note: this, and the article on the following page, are part of a continuing series of articles about the Cooperative-Education programs at schools located in our local section area; others will follow

CO-OP OPPORTUNITIES AT THE UNIVERSITY OF PITTSBURGH

Cooperative education is a partnership between an employer and a college or university that provides relevant, paid work experience for undergraduate students. By alternating work and school terms, co-op education prepares students to take on challenging assignments with local, national, and international companies and organizations that are both public and private, large and small. The Co-op Office works with an extensive list of companies that value the program's philosophy and demonstrate a commitment to cooperative education.

The cooperative education program at the University of Pittsburgh Swanson School of Engineering, created in 1910, is the third oldest engineering co-op program in the country. The program flourished until the Great Depression forced its suspension in the 1930s. It was reestablished in 1987, and within a few years it expanded beyond engineering to include some of the University's nationally ranked undergraduate science departments as well as the engineering technology program at the University of Pittsburgh at Johnstown. Most students begin the program their sophomore year. Chemical, electrical, computer, and mechanical engineering students can start their first rotation as early as the second semester of their sophomore year.

The co-op program has had two Pitt engineering students (in 2000 and 2002) named National Co-op Student of the Year by the Cooperative Education Division of the American Society for Engineering Education, which illustrates the program's success. Co-op employers have also been recognized nationally for their commitment to the cooperative education program at the University of Pittsburgh.

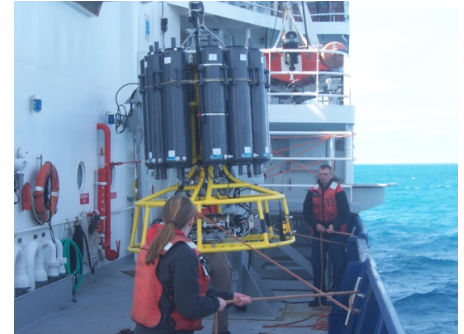
Because we take the time to get to know our students, we are able to help advocate for their success but also able to help identify candidates for employers who have specific criteria or needs. Each year the co-op office coordinates two co-op job fairs held in the fall as well as the spring semester. Our next co-op fair will be held on Pitt's main campus Tuesday February 9th from 10am-5pm and we welcome you to participate. This event is a great way for employers to take care of their hiring needs in the recruitment and selection process. The co-op office can also coordinate on-campus interviews for candidates you have selected, and will be able to provide space on campus for you to do so. Registration for the co-op fair and information about our program is available on our website: www.engr.pitt.edu/coop

Participation in a quality co-op program provides companies with a cost-effective means of recruiting outstanding individuals to your organization. Through research, we have determined that the retention rates of University of Pittsburgh co-op students are higher than non-co-ops; grade point averages rise; and this year's figures already show of those who participated in the co-op program there is currently 88% full-time placement rate and additionally 6% in graduate school full-time. Further, we have found that 71% of those students who received full-time offers from their co-op employers accepted those offers. Plainly put, "Co-op Works!"

We hope you consider participating with the University of Pittsburgh Co-op Program. Feel free to contact us

Maureen Barcic
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Swanson School of Engineering
paub2m@pitt.edu
412-624-9882

Jackie Jones
Assistant Director, Cooperative Education Program
Swanson School of Engineering
jlj35@pitt.edu
412-624-9883



Nicole Benoit, a chemical engineer, worked with Woods Hole Oceanographic Institute during her co-op experience.



JOB SEARCHING FOR CHEMICAL PROFESSIONALS

Presented by

The Society for Analytical Chemists of Pittsburgh
The American Institute of Chemical Engineers, Pittsburgh Section
The American Chemical Society, Pittsburgh Section
The Spectroscopy Society of Pittsburgh

Saturday, February 6, 2010

ROOM A221/A224, LANGLEY HALL, UNIVERSITY OF PITTSBURGH
4249 Fifth Avenue (entrance on Tennyson Avenue near Bigelow Boulevard)

Lunch Provided - Parking Available at Soldiers and Sailors Parking Garage

Pre-Registration Required

PROGRAM

- | | |
|------------|---|
| 8:30 A.M. | Registration |
| 9:00 A.M. | Welcome and Introduction |
| 9:30 A.M. | MANAGING AN EFFECTIVE JOB SEARCH
Daniel J. Eustace, Ph.D.
Career Consultant, American Chemical Society |
| 12:10 P.M. | OVERVIEW OF THE LOCAL JOB MARKET
Joseph D. Jolson, Ph. D.
Career Consultant, American Chemical Society |
| 12:30 P.M. | Networking Lunch |
| 1:00 P.M. | Resume Review, Personal Consultation, and Job Fair |
| 4:00 P.M. | Close |

Bring your parking ticket for validation and your resume to participate in the afternoon program
(Undergraduates without a resume may participate in the afternoon group resume review)

Pre-Registration

Job Searching for Chemical Professionals Workshop
Send an email to Professor Toby Chapman

at:

tchapman@pitt.edu

Your pre-registration must be received by Monday, February 1, 2010 and include your full name and complete contact information including address, phone number, email address and whether or not you expect to participate in the resume review. Academic registrants - please include university affiliation and university department. Let us know when you expect to complete your B.S., M.S., Ph.D., post-doc, or other assignment.



JOB SEARCHING FOR CHEMICAL TECHNICIANS

Presented by

The Society for Analytical Chemists of Pittsburgh
The American Institute of Chemical Engineers, Pittsburgh Section
The American Chemical Society, Pittsburgh Section
The Spectroscopy Society of Pittsburgh

Friday, February 5, 2010

Pre-Registration Required

HARBOR GARDENS, STUDENT SERVICES AREA CONFERENCE ROOMS
Bidwell Training Center, 1650 Metropolitan Street, Pittsburgh, PA 15233
412-323-4000

FREE ON STREET PARKING IS AVAILABLE

PROGRAM

8:30 A.M.	Registration
9:00 A.M.	MANAGING AN EFFECTIVE JOB SEARCH Daniel J. Eustace, Ph. D. Career Consultant, American Chemical Society
11:30 A.M.	OVERVIEW OF THE LOCAL JOB MARKET Joseph D. Jolson, Ph. D. Career Consultant, American Chemical Society
12:00 Noon	CLOSE

Registration

Job Searching for Chemical Technicians Workshop
Send an email to Iesha Griffin (412-323-4000 Ext. 165)

at:

igriffin@mcg-btc.org

Your email must include your full name, complete contact information including address, phone number and email address.

AIChE-Pittsburgh Executive Committee 2009-2010

Chair

Paul Brezovec
(brezovec@ctc.com)
Concurrent Technologies Corp
814-269-2844

Vice-Chair and Program

Open

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Treasurer (interim)

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Dady Dadyburjor
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Past chair and Nominations

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Committee chairs

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Open

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Young Professionals

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(David_Missenda@URSCorp.com)

Visit us on-line at:
www.aichepgh.org