

**RE: CIVIL AND ENVIRONMENTAL ENGINEERING NEWSLETTER, VOL. 6**  
**DATE: TUESDAY, February 27, 2007**

Have you signed up to attend the Spring CEE Career Fair this Thursday? This is the time to start looking for a summer internship or a job for next year!

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1. ASCE - AMERICAN SOCIETY OF CIVIL ENGINEERS

ASCE/XE CAREER FAIR – Thu, 3/1, 4 – 8 pm, Pauley Ballroom

The ASCE and Chi Epsilon CEE Career Fair is HERE! Come out to talk to over 50 companies looking for civil engineers like you! Opportunities include full-time, part-time, and intern positions. Sign up now in the ASCE office for \$15 (members and non-members). Visit [careerfair.calasce.org](http://careerfair.calasce.org) for more information.

Get to Know Your Company Info-session – Wed, 2/28, 5 – 6 pm, 406 Davis

This will be a chance for you to get a brief 90-second dose of useful information and statistics about each company that will be attending the career fair. Learn about the companies before meeting the representatives the following day and enjoy free food.

Weekly Social – Wed, 3/7, 12 – 2 pm, 7th Floor Davis

Take a break from your classes and spend some time getting to know your classmates. There will be FREE FOOD and there is a social EVERY WEDNESDAY!

Company Info-Sessions – 406 Davis

The following month is filled with info-sessions held by companies looking for students to hire. Come out to see what these companies have to offer you:

|           |              |
|-----------|--------------|
| MWH       | Feb 27, 6 pm |
| DKS       | Mar 5, 5 pm  |
| Kiewit    | Mar 6, 5 pm  |
| Engeo     | Mar 13, 5pm  |
| FCI North | Mar 20, 5pm  |

EIT Reviews

Get prepared for the EIT Exam if you are registered to take it this April. Come out to the following reviews:

Engineering Economics & Ethics: Wed, 3/7, 5 – 7 pm, 212 Obrien

Fluid Mechanics: Thu, 3/8, 5 – 7 pm, 212 Obrien

Become a Member

Feel free to stop by the office (339 Davis), or the general meeting, to pick up a membership form. Dues are \$8/semester.

Snacks in the ASCE Office

ASCE is now selling candy and drinks for 50 cents and frozen food for \$2 in the office. Drop by for a fast and cheap snack!

For more information on these events, or to pick up and drop off a membership form, stop by our office in 339 Davis Hall or visit [www.calasce.org](http://www.calasce.org).

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2. CHI EPSILON

**\*Tutoring Room\***

In case you've forgotten, the XE Tutoring Room continues weekly on Monday and Wednesday from 2-5pm in 544 Davis. Come out and share your knowledge of E36, E77, CE60, CE100, CE130, etc. Also get free snacks!

DATE: Every Monday and Wednesday

TIME: 2-5pm

PLACE: 544 Davis

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3. CALIFORNIA ENGINEER INFOSESSION

Were you in Yearbook or your School Newspaper?

Do you want to be Published?

Good with Photoshop?

Want to Learn?

Then come check out California Engineer!

We are a completely student-run magazine, highlighting some of the most exciting undergraduate research both here at UC Berkeley and across the entire UC system. We are looking for staff members in positions such as layout, copy/edit, graphics, and marketing...training is available for all fields!

California Engineer Infosession

Tuesday, February 27th

6:30 PM

544 Davis

Food will be provided

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#### 4. E 190 PLACEMENT TEST - WED, MARCH 7

If you are planning on taking E190, you need to take the Engineering 190 Placement Test before enrolling. The test is scheduled for Wednesday, March 7, from 5:00 to 7:00 p.m. in Sibley Auditorium, Bechtel Engineering Center. If you want to take E190 in the summer or fall of 2007, you must take the test on March 7, if you have not previously taken it. There will not be another test scheduled until August 2007. No need to register for the test; arrive promptly at 5:00 with a pencil or pen and your student ID.

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#### 5. ENGINEERING FUTURES - SAT, MARCH 3

Tau Beta Pi Professional Development presents:  
Engineering Futures  
People Skills - Basic

Saturday, March 3rd  
3110 Etcheverry  
11:00am-3:00pm

So, your project teammates are slackers - they may not know it, though. How do you convince them to do what you want? Come learn concepts to keep in mind while dealing with tough interpersonal issues! All engineering majors welcome!

Topics covered:

Describing Problems:

Learn how to describe problems in a direct, specific, and non-punishing manner and start problem solving that gets the problem solved and maintains relationships with others.

Motivation Problems:

Learn how to motivate people through the use of consequences, both natural (consequences which happen without effort on their part) and imposed (where someone needs to take an action to make the consequence happen). Also learn how to set up and follow plans once a solution is agreed upon to help ensure that the problem is permanently solved.

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#### 6. LABORATORY HELPER

Ph.D. candidate Gabe Hurtado is looking to hire one or more laboratory helpers to assist in the construction and testing of three large-scale, reinforced concrete bridge columns to be tested under simulated earthquake loading this semester and next summer. You can find Gabe in the laboratory (he is working these days near the orange frame), or you can write to him at his email address ([gabehurtado@gmail.com](mailto:gabehurtado@gmail.com)).

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#### 7. WATER QUALIFY TESTING FIELD ASSISTANT

The UV Tube water disinfection, safe water storage, and hygiene project in Baja California Sur, Mexico seeks a qualified UCB undergraduate or graduate student to work for two months in the field during summer 2007. The UV Tube technology offers an inexpensive and reliable method of point-of-use water disinfection that does not change the taste of source water. The student would be placed with the non-profit organization, Fundación Cántaro Azul, founded in May 2006 with the mission to offer affordable and effective water treatment solutions to rural communities lacking safe drinking water. Cantaro Azul currently manages projects in Mexico and Sri Lanka that implement the UV Tube and promote safe hygiene practices.

Qualifications:

Background in or pursuing a degree in the water, sanitation, and hygiene sector (i.e. Public Health, Environmental Engineering, or related field)  
Must be trained or willing to become trained in the membrane filtration protocol for assessing microbial water quality in the field by position start date  
Spanish fluency (reading, written, spoken)  
Interest in working collaboratively with a small Mexican NGO in rural communities

Logistics:

Student will be in the field in Mexico for two months this summer  
Funding is available for student's airfare, lodging, food, and travel insurance  
Student will be required to attend field training provided by UC Berkeley during the spring semester (sessions may be on evenings and/or weekends)  
Preference will be given to students that apply for SEED project funding from Engineers for a Sustainable World by Feb. 26 at <http://www.eswusa.org/projects/apply.asp>

Please send a resume and cover letter to [amyjanel@berkeley.edu](mailto:amyjanel@berkeley.edu) by March 15th, 2007.

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#### 8. SUMMER REU IN MULTIDISCIPLINARY DEVELOPMENT OF ENVIRONMENTAL SENSING TECHNOLOGIES

This summer Cal State LA will be hosting an 12 energetic and enthusiastic science and engineering students in our undergraduate summer research program. This program is an intensive training and research program aimed at developing and implementing cutting-edge sensors and their networks to study environmental processes. We are seeking applications from a broad array of disciplines including, chemistry, biology, physics, geology, mechanical engineering, civil engineering, electrical engineering, and computer science. A unique aspect of this site will be that students will work in truly multidisciplinary teams in a collaborative environment to develop and implement sensors and to test and validate them both in the field and the laboratory. This REU Site is administered through the Center for Environmental Analysis at Cal State LA (<http://cea-crest.calstatela.edu>) with collaborators from the UCLA Center for Embedded Networked Sensing, the School of Engineering at UC Merced, and the Oak Crest Institute of Science. Descriptions of ongoing projects can be found at the CEA-CREST web site. Our web address is <http://cea-crest.calstatela.edu/REU.htm> <<http://cea-crest.calstatela.edu/REU.htm>>. You can find the application and more information on this site.

Application Deadline: March 23, 2007 (decisions made by mid-April)

Program Dates: June 11 - August 17, 2006 (10 weeks)

Stipend: \$3,000 + \$1,000 reimbursement for food + limited additional support for housing and travel to Los Angeles.

For more information, please contact:

Dr. Crist S. Khachikian,

Email: [ckhachi@calstatela.edu](mailto:ckhachi@calstatela.edu) <<mailto:ckhachi@calstatela.edu>>

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#### 9. EMPLOYMENT OPPORTUNITIES AT LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS

the Los Angeles County Department of Public Works is looking to hire students for entry level positions with their Department and will be conducting on-campus interviews on March 8, 2007.

Currently they have many positions available and are recruiting nationwide for students that will be graduating by July 2007. Our engineers enjoy a wide variety of challenging civil engineering assignments, great benefits, career development support, and many professional, educational, and recreational opportunities found in the Los Angeles area.

What sets apart the County of Los Angeles Dept. of Public Works:  
LADPW is one of the largest public works agencies in the US with over 3,400 employees and annual budget of \$1.3 billion  
Over 700 engineering employees in 17 divisions practicing all branches of Civil Engineering  
LADPW is taking a leading role in shaping public policy in many environmental issues including stormwater quality and waste management/recycling  
Responsible for many components of the infrastructure in LA County (the most populous county in the nation and larger than all but 8 states)

Other information and contacts available at [www.dpw.lacounty.gov](http://www.dpw.lacounty.gov)  
<<http://www.dpw.lacounty.gov/>>

For more information, please e-mail Josh Svensson at  
[jvsvensson@dpw.lacounty.gov](mailto:jvsvensson@dpw.lacounty.gov)

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e-mail address.

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