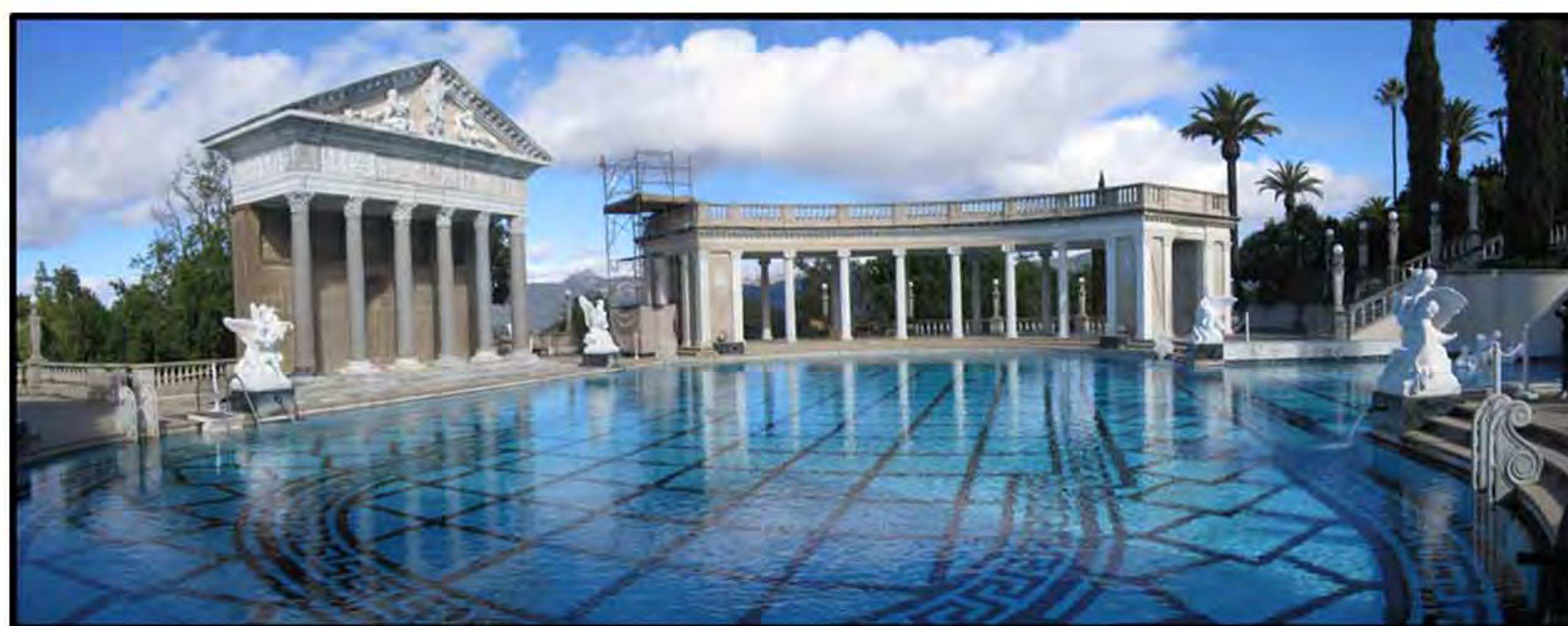


## SCE VISITS HEARST CASTLE

Hearst Castle, an engineering marvel of the early 20th century, is located merely an hour north of Cal Poly. On November 20th, more than 40 SCE members took the scenic drive up Highway 1 to the Hearst Castle State Park in San Simeon. Upon arriving at the castle, members watched a movie about the history of William Randolph Hearst and his residence on the "Enchanted Hill." Following the movie, a personal tour guide led the SCE members around the grounds, emphasizing engineering issues related to the construction of the 90,080 square-foot castle and surrounding features. Although it was predicted to rain, the sun came out and provided the group with incredible ocean views. After a luncheon, many of the members traveled a little further up the coast to see the elephant seals lying on the beach and swimming in the ocean.



### UPCOMING EVENTS FOR CAL POLY SCE

**SLC-3 Tour:** SCE will be touring the Space Launch Complex 3 at Vandenberg AFB

**SCE/ENVE Career Fair:** January 28, 2011

**ASCE Workshop for Student Chapter Leaders:** February 11-15, 2011, Anaheim, California

**Snow Trip:** February 2011, Lake Tahoe, California

**Pacific Southwest Conference:** March 23-27, 2011, California State University, Los Angeles

# FALL Events

## ASCE NATIONAL CONFERENCE

Eight SCE members drove to Las Vegas for the 140th ASCE National Conference. This year's conference theme, *Today's Civil Engineers: Innovating a Dynamic Future*, was appropriate for students, who will be the engineers of the future. In addition to attending multiple sessions over three days, our members went on an engineering-focused tour of the Stratosphere and drove to the newly opened Colorado River Bridge. Members saw the bridge under construction during the Pacific Southwest Regional Conference in April. It opened on October 19th, just two days before the start of the National Conference. According to senior Cal Poly student Brent Goligoski, "seeing the Colorado River Bridge in a second stage, hearing about the construction of the Stratosphere from an engineer who worked on it, and meeting professionals in the field was inspiring." The experience left him excited to graduate this spring. All who went agree that the conference was a fantastic learning experience.



## REC CENTER TOUR

The Cal Poly Recreation Center is currently undergoing a major renovation. Although the project may be an inconvenience to gym-goers and students who use the surrounding walkways, it provides SCE with a learning opportunity on our very own campus. Rob Down, president of the San Luis Obispo Branch of ASCE, has generously offered his time to give tours of the project. Nearly 40 members attended the first tour where we observed steel erection, retaining walls, different types of drainage systems, and much more. A second tour is scheduled for sometime in the upcoming winter quarter.

## CANOEBEQUE

This year's Concrete Canoe team hosted a Concrete Canoe Kick-off BBQ at Santa Rosa Park to generate interest and create an opportunity to meet new SCE members. The Veteran's Day event was filled with good food and intense games of corn-hole, football, and ultimate frisbee. Over 30 SCE members came out to enjoy the day and everyone had a great time. The team hopes to make this a tradition because it provides an inviting atmosphere for people to learn more about Concrete Canoe. The event also encouraged members to become more involved with the club.



## WEBSITE:

For more information on anything involving the Society of Civil Engineers, visit our website at [cpsce.com](http://cpsce.com). The website is constantly being updated to reflect the most current information regarding news, events, activities, and more. Alumni are always welcome participants!

## SITE TOURS

We are always interested in exploring engineering sites locally and throughout California. If you think your company would be interested in hosting us, we welcome the opportunity.

Last spring, members attended a geotechnical and structural analysis tour of AT&T Park, the home of the San Francisco Giants baseball team. This was a fantastic learning experience for all who attended.



SCE at AT&T Park in San Francisco, May 2010

## CAREER FAIR

For the past 20 years, the Annual Civil and Environmental Engineering Career Fair at Cal Poly, San Luis Obispo has provided an intimate setting for companies to meet (and hire!) some of the best and brightest civil and environmental engineering students in the nation.

SCE and SENVE are honored to invite your company to the 21st Annual Civil and Environmental Engineering Career Fair, which will take place on **Friday, January 28, 2011**.

In reserving attendance for this event, your company can choose any or all of the following options:

**Attend the Career Fair:** This includes a table at the fair with recruiting opportunities from 9am – 1pm, complimentary breakfast and lunch, plus one résumé CD.

**Attend the Formal Banquet:** Your company can sponsor a table for a delicious dinner and the opportunity to meet and recruit students in a social environment. This event will be held on the evening of January 28, 2011 following the career fair.

**Purchase a Résumé CD:** Collect information about some of our most talented and ambitious students.

**Participate in the Golf Tournament:** This is a one round golf tournament to be held the morning after the fair on January 29, 2011.

**Make a Donation:** Support one or both of our student chapters by making a tax-deductible donation.

If your company is interested in attending this event and would like more information, please contact Nathan Scalla at [nscalla@calpoly.edu](mailto:nscalla@calpoly.edu).

### THIS YEAR'S SCE OFFICER TEAM:

Spencer Reed

*President*

Nathan Scalla

*Executive Vice President*

Alicia Welling

*V.P. of Events*

Brent Goligoski

*V.P. of Community Service*

Lindsey Margolies

*Recording Officer*

Dustin Lee

*Corresponding Officer*

Parisa Nakashima

*Treasurer*

Matt Klinchuch

*Conference Coordinator*

Mike Hopkins

*Conference Coordinator*

Yunling Chow

*Membership*

Gavin Miller

*Web Tech*

Heather Baessler

*Sports Director*

Danielle Steinmetz

*Newsletter Editor*

Jazz Gilbert

*Social Director*

Kevin Galloway

*Marketing Director*

Chad Inlow

*Alumni Relations*

Taki Chrysovergis

*Cal Geo Representative*

# ALUMNI INTERVIEW

with

# HEATHER YEE

Heather is originally from Sacramento, California and attended Cal Poly from 1994 to 1999, with her last year being spent in Copenhagen, Denmark in a study abroad program. She concentrated in structures, but her favorite class was Shallow Foundations, taught by her favorite teacher, Dr. Fiegel.

Heather first got involved with the Society of Civil Engineers when her RA from the dorms, Cheryl King, finally convinced her to come to a meeting. At the meeting she found out that they needed an underclassman and a female on the Conference Surveying team. She was a perfect option. That year Conference was in Las Vegas, and she had such a great time that she was hooked on SCE. "The rest," she said, "is history."

Heather attended conference every year she was at Cal Poly. She participated on the Surveying team (1995), was the Surveying Team Captain, and represented Cal Poly as Concrete Canoe's Project Manager (1998). At the 1995 conference Cal Poly won every event except Steel Bridge and Concrete Canoe, but it was close! This was the first year that Cal Poly won the overall title and Heather was convinced from then on that she chose the best school, with the students with the most ingenuity.

One of her favorite memories in SCE was being Project Manager of Concrete Canoe. The Canoe was called ACME and was the first ever to win at the PSWRC. The team had no idea what was in store for them at Nationals in South Dakota. Heather called it an eye-opener!

Three things Heather misses most about college are afternoon naps, peers, and the "College Life." She found that "the forward thinking of the college lifestyle lent to the equality of the sexes." Upon entering the workplace, she found that there is still a lot of old-school thought about the abilities and place of a woman in the workplace.

Since graduation, Heather has taken up hobbies that she couldn't afford when she was a student, including road cycling, golfing, snowboarding, scuba diving, and traveling. She takes vacations when she can and recently went to Thailand for five weeks. She feels fortunate to have pursued a career that is stable and affords time off for vacation. She lives to be with her family.

Heather started her professional career as a staff engineer at a private sector infrastructure firm. She then joined the Sacramento County Department of Transportation. Heather began by managing her own projects, but was soon promoted as one of the department's youngest engineering managers. Notably, she was the first female manager in the group.

Right: Heather and the rest of the team with the ACME canoe of 1998.



Left: Heather performing a structural inspection of Ross Dam in the Cascade Mountains in Washington State.

Right: Heather with the PSWRC first-place surveying team of 1995.



Recently, Heather was fortunate to become a mother and learn the true meaning of work-life balance. She sought a new opportunity for her professional growth at the recently formed entity, Capital SouthEast Connector Joint Powers Authority. In her challenging and visible position, she entered a public role balancing sensitive issues on a controversial regional project.

After graduation, Heather became involved with the Sacramento Chapter of ASCE YMF. She judged the concrete canoe event when it was held at Fresno State and later when it was held at UC Davis. "When Conference was held at Cal Poly, I judged the concrete bowling ball (best event ever!). The skits had me crying with laughter." Heather was also able to make it out to AT&T Park last May with the Society of Civil Engineers to watch the future World Champion San Francisco Giants!