



Society of **W**omen **E**ngineers
Sacramento Valley Section



Valley Views
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Volume 8, Issue 4

September / October 2007

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*SVS SWE
CALENDAR OF EVENTS*

September

14 2nd FRIDAY LUNCHEON
La Bou in Rancho Cordova

TBD Meeting w/CSUS

October

6 Expanding Your Horizons
CSU Sacramento

12 2nd FRIDAY LUNCHEON
Symposium in Davis

21 Making Strides Against Breast
Cancer Walk
West Steps of State Capitol Building,
Downtown Sacramento

25-27 SWE National Conference
Nashville, Tennessee

PRESIDENT'S COLUMN

August 31, 2007

Dear Section Members,

Hope you are having a great summer. As we move on towards the fall season, Sacramento Valley Section is ready for two great months ahead. Our local section will have the 2nd Friday Luncheon on September 14. Our past president Liz Raley will be the host for this event. Unfortunately, I will be heading to Scottsdale, AZ for the joint Region ABJ meeting on the same day.

The ABJ meeting is a meeting coordinated between the Region A, B and J. The ABJ conference meeting is to discuss the ongoing work of the Society, to network with the other west coast SWE members, and to discuss issues relevant to the upcoming Council of Representatives meeting at the National Conference. Also, the meeting will provide training for new COR (council of Representatives). Virginia Squire and I plan on attending. Any meeting minutes and news from that meeting can be discussed in the October meeting.

We will have our October 2nd Friday Luncheon in Davis. I'm pleased to announce that we are getting a lot of member support to host events this year. Thank you to Valeria La Saponara for taking the time to organize the Davis meeting.

We are planning to meet with the Sac State Students in September. We will have more information on this once school starts on September 5.

SWE SVS is scheduled to participate in the Breast Cancer Walk on October 21. SWE National Conference will be in Nashville, TN on October 25-27. Several officers plan to attend the Conference including myself. If you plan to attend or would like to know more about it please contact me at hrodrigo@brwncald.com

Please join me in welcoming our newest Sac Valley members Olivia Virgadamo, Rebecca (Becca) Kanegawa, Corinne Marks, Stacy Tanaka, and Vanessa Doctolero. I look forward to seeing you at the upcoming events.

Finally, I would like to thank all our hard working members for their support and hope you all have a wonderful two months ahead.

Himali



2007-2008
OFFICER'S ROSTER

President	Himali Rodrigo (916) 853-5340 hrodrigo@brwncald.com
Vice President	Sue Xiong (916) 875-9429 xiongsu@saccounty.net
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UCD Counselor	Linda N. Finley (916) 557-7411 Linda.N.finley@usace.army.mil
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Scholarship Fundraising Chair	Elizabeth Gillis-Raley (916) 638-3058 borden@lanset.com
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Speaker's Bureau	Elizabeth Gillis-Raley (916) 638-3058 borden@lanset.com
YES Co-Chair	Wendy Cohen (916) 464-5817 wcohen@dcn.org
YES Co-Chair	Heather Sheridan (916) 364-2962 sheridanhm@bv.com

REGIONAL SWE NEWS

Looking for additional SWE information???



Check out the SWE Region A website, located at <http://swe-goldenwest.org>. If you're looking for regional information and events, this is the place to go.

For National SWE Information, check out www.swe.org.

SWE encourages professional development. For more information visit the Professional Development link at www.swe.org.

UPCOMING EVENTS

September

2nd Friday Luncheon

WHEN: Friday, September 14th
WHERE: La Bou
10909 Olson Drive
Rancho Cordova
TIME: 12:00 PM – 1:00 PM
RSVP: Liz Raley at borden@lanset.com

CSUS Student Chapter Meeting

WHEN: TBD
WHERE: Sacramento Regional Wastewater Treatment Plant
8521 Laguna Station Road
Elk Grove, 95758
TIME: TBD
RSVP: Mary Serra at mserra@waterboards.ca.gov

October

Expanding Your Horizons

WHEN: Saturday, October 6th
WHERE: CSU Sacramento
6000 J Street
TIME: 12:00 PM – 1:00 PM
RSVP: Sue Xiong at xiongsu@saccounty.net

**expanding
your horizons**
motivating young women in science + mathematics

SWE will be soliciting item donations for the welcome packets for the Expanding Your Horizons (EYH) event at CSUS. EYH is looking for items that the participants may find useful in the engineering and science field. More information on how SWE can help at this event will be coming soon.

For more information about the event, visit <http://www.csus.edu/occ/eyh/registration.stm>

2nd Friday Luncheon

WHEN: Friday, October 12th
WHERE: Symposium Restaurant and Pizza House
1620 E 8th Street
Davis, CA 95616
(530) 756-3850
TIME: 12:00 PM – 1:00 PM
RSVP: Valeria La Saponara at vadialu@yahoo.com



Symposium is a Greek restaurant here in Davis. It has a good selection of items (salads, pizzas, Greek food), and there's plenty of parking in front of the restaurant. The place is actually in a bright orange strip mall, you really cannot miss it if you drive by. Menu and directions can be found on the following website: <http://www.symposiumdavis.com/>

Making Strides Against Breast Cancer Walk

SWE Team: Sacramento Valley & Sierra Foothills

WHEN: Sunday, October 21st
WHERE: West Steps, State Capitol Building
TIME: Rolling from 8:00 AM – 10:00 AM
DISTANCE: 5K, about 3.1 miles
RSVP: Carmen Lee, SVS Team Coordinator at leec@saccounty.net



More information on the event, joining the SWE Team, and location of the brunch after the walk will be coming soon.

For more general information about the event, visit http://makingstrides.acsevents.org/site/PageServer?pagename=MS07_CA_SAC_eventinformation

SWE National Conference

WHEN: October 25 -27
WHERE: Nashville, TN



For more information about the National Conference, visit <http://www.swe07.org/index.php>

ARTICLES

Students Fueling Students

By Sue Xiong

Members and friends of the SWE Sacramento Valley Section and Sierra Foothills Section joined together to help support Sacramento City Unified School District's Summer Bridge at the new High School of Engineering and Science. A total of 12 volunteers showed up for two days of fun building solar/fuel cell powered vehicles.



Students Fueling Students at the new High School of Engineering and Science

SWE would like to thank Leslie Goodbod from Air Resources Board for bringing a Fuel Cell Vehicle to the event. The students were "estatic." SWE would also like to thank all of the volunteers from Sacramento Regional County Sanitation District for taking the time out from their day to help support our future engineers.



Volunteer, Dustin Sutherland in a Fuel Cell Kia Vehicle

OPEN POSITION

Scholarship Committee Chair

Scholarship Committee Chair would be someone to contact the colleges, send the application materials, and rate the applications with the help of a subcommittee. This person would help assure that the scholarships are properly promoted and advertised. Notice to student sections, faculty and professional organizations is anticipated. This position would be primarily active from February through May.

If you are interested in more information on this position or would like to be involved in these positions, please contact Himali Rodrigo at hrodrigo@brwncald.com

ARTICLES NEEDED!

We need more contributors to the newsletter! Please help out our new newsletter editor with any articles or other items of interest.

Article submission deadline for the Nov/Dec publication

October 12, 2007

If you like to contribute an article, please contact Sue Xiong at xiongsu@saccounty.net



SWE MEMBER PROFILES

Olivia Virgadamo graduated from CSU Cal Poly in 2003 with a degree in Civil Engineering. She went on to graduate school at UC Davis and received her MS in Environmental Engineering in 2005. Olivia now works for Carollo Engineers as a process engineer in water and wastewater processes. She conducts biological modeling of treatment processes, such as activated carbon and ultraviolet (UV) disinfection. She was involved in the design of the UV system at the Roseville Wastewater Treatment Plant (WWTP). Olivia also performs on-site validation work for UV systems at several WWTPs. This involves dosing the system with a virus and observing how well the system inactivates the virus. Plant piping is re-routed temporarily to ensure the virus does not escape into the environment. Olivia said many WWTPs are moving away from chlorine for disinfection and moving towards advanced biological treatment processes.

Olivia was involved in SWE in college, and Carollo Engineers paid for her membership based on an essay she wrote describing why she wanted to join. She said Carollo Engineers has two women partners, Kathy Marks in the Sacramento office and Mary Clyburn in a Texas office. Carollo purchased a table at the UC Davis Dinner with Industry and both women partners attended. Olivia is very interested in getting involved with younger girls to tell them about engineering. She attended the all-girls Loretto High School and now goes to several college career fairs every year for Carollo, including her Alma Matars of Cal Poly and UC Davis. For hobbies, Olivia and her husband, a structural engineer, are fixing up their older home, which needs a lot of love. So far, they've remodeled the kitchen and are working their way through the house one room at a time. Olivia also enjoys publishing, presenting, reading technical journals, playing softball and tennis, and skiing. Welcome to the Sac Valley Section, Olivia!

Corinne Marks received BS and MS degrees in Mechanical Engineering. She received the BS in 1996 from Union College in New York and the MS in 1998 from UC Berkeley. Upon completion, she went to work for Woodward Clyde Consultants, which was later purchased by URS Corporation. Although her degrees are in Mechanical Engineering, Corinne works as a Civil/Environmental Engineer and has her PE license in Civil Engineering. At URS, she has worked on numerous remediation/environmental projects, as well as on levee hydrology and design projects. Corinne worked on a cleanup job in San Francisco Bay which entailed partial dredging and capping of the contaminated sediments. The Bay Conservation Development Commission regulations state there shall be no filling of the Bay, so the top three feet of contaminated sediment was dredged out and the same three feet filled back in with clean sediment. During the dredging, field screens were in place to filter out any resuspended particles. Corinne has been a SWE member since college and attended Golden Gate Section events periodically. In her spare time, she enjoys skiing, but this fall, she has another hobby - gathering baby stuff for her first child due in January. Welcome to the Sac Valley Section, Corinne!

Rebecca (Becca) Kanegawa is a 4th year student at CSU Cal Poly, planning to graduate in June 2008. Becca is majoring in Civil Engineering and soon will have to choose between an emphasis on structures or water. She is a member of the Sac Valley Section by way of her permanent address in Lodi. Becca has attended some SWE meetings at Cal Poly and is involved in other clubs. When she's not doing school work, Becca enjoys going to the beach, shopping and reading. Welcome, Becca, and good luck with your last year of school!

Annual Calendar of Events

Fiscal Year 2007 - 2008

Date	Event	Location/Time	Coordinator
September 14, 2007	2 nd Friday Luncheon	La Bou 10909 Olson Drive Rancho Cordova	Liz Raley borden@lanset.com
September 2007	Meeting w/CSUS	CSUS	Mary Serra MSerra@waterboards.ca.gov
October 6, 2007	Expanding Your Horizons (EYH)	CSUS	Sue Xiong xiongsu@saccounty.net
October 12, 2007	2 nd Friday Luncheon	Symposium 1620 E 8th Street Davis, CA 95616	Valeria La Saponara vadialu@yahoo.com
October 21, 2007	Making Strides Against Breast Cancer Walk	West Steps, State Capitol Building	Carmen Lee leeca@saccounty.net
October 25 – 27, 2007	National Conference	Nashville, TN	Please visit the website http://www.swe.org
November 2007	Meeting w/UCD Students	Davis	Linda N. Finley Linda.N.Finley@spk01.usace.army.mil
December 5, 2007	Holiday Meeting	Ettore's 2376 Fair Oaks Blvd. Sacramento	Liz Raley borden@lanset.com
January 2008	Joint Meeting w/Sierra Foothills Section	TBD	Sue Xiong xiongsu@saccounty.net
February 17 -23, 2008	Engineers Week	TBA	<i>VOLUNTEERS NEEDED!!!!</i>
March 29, 2008	Young Engineers Session (YES)	TBD	Wendy Cohen wcohen@dcn.org Heather Sheridan sheridanhm@bv.com
April 2008	SWE Recruitment Meeting	Aerojet	Paula McDonald Paula.McDonald@Aerojet.com
May 3, 2008	Picnic/Hike	TBD	<i>Coordinator Needed!!!!</i>

Note:

TBA/TBD – To be Announced / To be Determined