



american society of civil engineers
university of southern california chapter

ASCE





2010 Annual Report for ASCE Student Organizations

Calendar Year: January 1 – December 31, 2010

University of Southern California



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PRESIDENT'S MESSAGE:

During the 2010 year, the student chapter of the American Society of Civil Engineers at the University of Southern California worked toward getting back to the basics as a student organization. In 2009 the Executive Board implemented a 5-year strategic plan. However, that plan will not succeed until we are fundamentally more stable and organized as a student chapter, which is what USC ASCE worked on during 2010.

USC ASCE performed well at the Pacific South West Regional Conference in April, placing 9th overall out of 17 universities. Our Concrete Canoe team achieved 7th place overall for the second year in a row, though, the Steel Bridge team was disqualified for going over the time limit during construction. Overall, all 40 students from USC that traveled to Las Vegas, Nevada for the conference had a great time and enjoyed the conference and all of the events.

During the fall of 2010, USC ASCE got back to business. Due to some tax identification issues with USC, our organization joined with several others in the civil engineering department to create a new non-profit corporation, Engineering Leaders Inc. During this process we realized how disorganized our accounting system has been and we have been working towards creating a new process to simplify keeping track of our funds while maintaining accuracy.

USC ASCE hosted a general meeting with a guest speaker every 2 or 3 weeks throughout the semester, an activity that had been lacking in the years past. Our members are a valuable asset to our organization, and we would like to be an asset to our members as well, creating opportunities to meet members of industry, attend social events, and volunteer at community service events.

USC ASCE will continue to grow as an organization and will be able to work towards the goals in our 5-year strategic plan in the coming months and years. None of this would have been possible without the support of our members, advisors – official and unofficial, the civil engineering department and the Viterbi School of Engineering, to whom we would like to convey our sincere appreciation.

Sincerely,

Katie Hickey
President, USC ASCE

PART I. STUDENT ORGANIZATION INFORMATION

Part I of the report asks for objective records regarding the organization's leadership, membership and finances.

School Name: University of Southern California

ASCE Student Organization Mailing Address: USC – ASCE 3620 Vermont Avenue, Los Angeles, CA 90089

ASCE Student Organization E-mail Address: uscasce@usc.edu

ASCE Student Organization web site: www.uscasce.com

ASCE Student Organization other online site(s): <http://www.facebook.com/#!/group.php?gid=118508871538043>

Month(s) of Officer Elections: April

(Please print & sign names)
Report submitted by:

Contents approved by:

(Theresa Kurth)
Secretary of ASCE Student Organization

(Katie Hickey)
President of ASCE Student Organization

(Katie Hickey)
President of ASCE Student Organization

(Henry Koffman, P.E.)
Faculty Advisor

Date

(Julian Garcia, P.E.)
Practitioner Advisor #1

(Ed Reynolds, P.E.)
Practitioner Advisor #2

1. ADVISOR INFORMATION

Faculty Advisor Name:	<u>Prof. Henry Koffman, P.E.</u>
Faculty Advisor ASCE Member Number:	<u>304470</u>
Faculty Advisor E-mail Address:	<u>koffman@usc.edu</u>
Faculty Advisor Phone Number:	<u>213-740-0556</u>
Faculty Advisor Fax Number:	<u>213-744-1426</u>
Practitioner Advisor #1 Name:	<u>Julian Garcia, P.E.</u>
Practitioner Advisor #1 ASCE Member Number:	<u>356626</u>
Practitioner Advisor #2 Name:	<u>Ed Reynolds, P.E.</u>
Practitioner Advisor #2 ASCE Member Number:	<u>199396</u>

(A Practitioner Advisor is a member of the ASCE Section/Branch in your area who has been appointed by the Section/Branch President to serve as a contact between your ASCE Student Organization and the practitioners in the Section/Branch.)

2. ASCE STUDENT ORGANIZATION OFFICERS

The organization's leadership for the calendar year of 2010, listed by dates of office

From: January 2010	To: April 2010
President	<u>Kyle Burnham</u>
Vice President (Societal)	<u>Laura Klein</u>
Vice President (Chapter)	<u>Kristen Scudder</u>
Secretary	<u>Ed Bullard</u>
Treasurer	<u>Josue Enriquez</u>
PSWRC Co-Chairs	<u>Trevor DeLuca</u>
	<u>Arturo Kaloyan</u>
Canoe Captain	<u>Katie Hickey</u>
Bridge Co-Captains	<u>Brent Oakes</u>
	<u>Justin Kwan</u>
Environmental Co-Captains	<u>Elizabeth Scott</u>
	<u>Liana Ching</u>
Historian	<u>Kevin Flynn</u>
Social Co-Chairs	<u>Duncan Wilson</u>

Communications Chair

Trevor Mino

Dung Huong

From: April 2010

To: December 2010

President

Katie Hickey

Vice President

Sara Justin

Secretary

Theresa Kurth

Treasurer

Luciano Nunez

PSWC Co-Chairs

Kristen Scudder

Dung Huong

Canoe Co-Captains

Sam Levy

Oscar Rivera

Emily Ross

Bridge Co-Captains

Justin Kwan

Jarrid Summers

Environmental Captain

Kirsten Rice

Historian/Communications Chair

Thomas Palmieri

Social Chair

Lisa Okamoto

Fundraising Chair

Ben Rogowski

3. FINANCES - Please refer to Appendix F for a Summary Financial Statement

Local Membership dues: \$ 30 per Year

Society-level Membership dues: \$ 0 per Calendar year

Summary for 2010:

Total Income (2010) \$ 12,575.00

Total Expenditures (2010) \$ 8,609.02

Financial position as of December 31, 2010:

Cash Balance: \$ 3,965.98

Accounts Receivable: \$ 736.96

Accounts Payable: \$ 0.00

4. IMPORTANT CONTACTS

Contact Name	Phone/E-mail	Mailing Address	Comments
Jean-Pierre Bardet	213-740-0608 bardet@usc.edu	3620 S. Vermont Ave Los Angeles, CA 90089	Civil Engineering Department Chair
Danielle Elkins	213-228-8262 Danielle.Elkins@ch2m.com	100 Wilshire Blvd. 21st Floor Los Angeles, CA 90017	Ch2M Hill Engineer & Former President of ASCE
Julian Garcia, P.E.	310-508-6183 JUGARCIA@dpw.lacounty.gov	952 Cypress St. #6 El Segundo, CA 90245	Practitioner Advisor
Paul Garcia	559-916-9141 Paulmichael.garcia@gmail.com	100 Wilshire Blvd. 21st Floor Los Angeles, CA 90017	CH2MHill MLAB YMF Contact
Lance Hill	213-740-0599 lhill@usc.edu	3620 S. Vermont Ave. Los Angeles, CA 90089	Lab Director
Henry Koffman, P.E.	213-740-0556 koffman@usc.edu	3620 S. Vermont Ave. Los Angeles, CA 90089	Faculty Advisor
Julia Moye	213-483-4623 julia.moye@lacity.org	1149 S. Broadway St. Suite 810 Los Angeles, CA 90015	Civil Engineering Associate
Farzad Naiem, S.E.	213-483-6490 farzad@johnmartin.com	1212 S. Flower Street Los Angeles, CA 90015	Serves as a link between USC ASCE and industry sponsors.
Don Sepulveda, P.E.	213-593-8401 dsepulveda@hntb.com	707 Wilshire Blvd Suite 3300 Los Angeles, CA 90017	Provides feedback for student work and organizational publications such as the Annual report.

PART II. ASCE STUDENT ORGANIZATION GOALS AND OBJECTIVES

Summary statement:

In the spring of 2009, USC ASCE released its first Five-Year Strategic Plan. This plan outlined the goals for the organization to promote its growth and improve its reputation. The strategic plan was divided into five broad categories: university interaction, branch and section interaction, societal interaction, internal affairs and conference competition. As required by the strategic plan, this portion of the annual report will serve as an opportunity to reflect upon the progress towards the completion of our goals as well as the metrics by which we measure our success. This portion will serve as a stand-alone supplement to the strategic plan and shall be made available to our members via our website. To preserve the continuity between the strategic plan and our annual report, the formatting of this goals and objectives section shall match that of the strategic plan in its categorical division.

University Interaction

The stated goals for university interaction are:

1. *Maintain status as both a University and Viterbi Student Council Recognized Student Organization.*
 - In 2010 USC ASCE maintained its status as a recognized student organization. This included the implementation of the university's new "Involvement Transcript," a web based program that allows organizations to record events and hours so members have an official record of involvement in student organizations.
 - Recognition at the university is a yearly process that will need to be completed again in the fall of 2011.
2. *Send at least one representative to all department events for undergraduate students, specifically those events aimed at student involvement, underclassmen outreach, and faculty or student recognition.*
 - This year USC ASCE was well represented at all department events for undergraduate students. These included a Welcome Back Ice Cream social, the annual Awards and Recognition Dinner and multiple freshmen involvement events.
 - While overall representation was improved at events, the executive board felt that there was room for more joint events between the department and student organizations. The current structure for department events has all of the planning and funding as the sole responsibility of the department. However, planning events such as the Ice Cream Social is one of the stated responsibilities of our social chairs. As such, our goal for 2011 is to plan at least 3 additional events to the standard yearly department.
3. *Send at least two representatives to all University Admission events, such as Discover USC. These events may be associated with either Undergraduate or Graduate admission. At each of these events, the representatives will bring a display consisting of no less than a poster highlighting USC ASCE's activities and purpose, a piece of the Concrete Canoe and a portion of the Steel Bridge.*
 - As with the department events, USC ASCE members attended all University Admission events. At these events our members gave presentation to potential freshmen with regards to student involvement, time management and the role of ASCE the lives of its members.

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4. *Send at least two representatives to all Viterbi welcome events, such as the Freshman Welcome Luau. The representatives will bring a display (meeting the criteria listed above) to each event.*
 - At this year's Luau 4 officers represented us and reached out to nearly 50 freshmen students. Participation in this event allows our officers to gather contact information, explain about our research and design projects, and to advertise our upcoming events.
 5. *Provide student volunteers for Viterbi events, such as career fairs.*
 - Select Viterbi events in 2011 required volunteers, aside from those serving as representatives, to admission events. USC ASCE was always represented, but we hope to increase our involvement in 2011.
 6. *Plan and sponsor an annual Engineering Week activity for faculty, students and the outside community in support of the Viterbi School of Engineering E-Week program.*
 - In 2010, USC ASCE created and ran two days of activities in conjunction with the activities put on by the Viterbi Student Council. As in years past we developed, funded and implemented a "Tallest Tower" competition, which gave teams of 2-3 students a five-minute time limit to construct towers from wooden skewers and marshmallows. As a part of the "Carnival Day" we ran a concrete bowling alley. Planning has already begun on our Engineering Week events for 2011.
 7. *Actively support all other student organizations, specifically those of the Sonny Astani Department of Civil and Environmental Engineering. These organizations include, but are not limited to, Chi Epsilon, Associated General Contractors and Construction Management Association of America.*
 - Over the past year, USC ASCE members have taken active roles in other student organizations such as USC AGC, EWB-USC, USC Chi Epsilon and USC CMAA. The above organizations, minus WEB-USC partnered to create a separate non-profit called Engineering Leaders, Inc. in order to deal with strict donation and tax guidelines set both by our University and the IRS. Additionally, in 2010, USC ASCE maintained its relationship with EWB-USC after creating a Memorandum of Understanding between the two organizations in reflection of the Society level relationship in 2009. Our members are still actively involved in providing civil and structural engineering for the 3 current projects of EWB-USC.

Branch and Section Interaction

The stated goals for branch and section interaction are:

1. *Attend all branch student events including, but not limited to, MLAB Student Mixers and the Student Recognition Banquet.*
 - USC ASCE has been represented at many MLAB events in 2010, however some events conflicted with scheduled classes and our students were unable to attend. We hope to plan some joint events with MLAB in 2011.
2. *Send at least one Representative to regular branch meetings.*
 - We did not have at least one representative at all of the regular branch meetings, due to class schedule and involvement issues. In order to increase involvement next year we shall implement an involvement requirement for all USC ASCE officers to attend at least one meeting throughout the year.
3. *Inform practitioner advisors of all meetings and hold one advisor-Executive Board meeting per term.*

-
- This year it was rather difficult to get in touch with our practitioner advisors. However, we did get in touch with one near the end of the year and he has agreed to begin attending at least one executive board meeting per semester.
4. *Hold a minimum of one general meeting per term with representatives from the Metropolitan Los Angeles Branch to inform all members of continuing opportunities in the American Society of Civil Engineers after graduation. Additionally, this meeting should inform general members of branch activities and promote interaction and socialization with young members of MLAB.*
 - USC ASCE did not meet this goal in 2010 largely due to the time crunch at the end of spring semester. For 2011 we hope to hold this meeting immediately after PSWC in the hopes of gaining the most interest and largest member turnout.
 5. *Host a minimum of one branch activity per year to promote interaction between the Metropolitan Los Angeles Branch schools. These meetings should be more social in nature to allow members to meet and interact with students from the other MLAB schools.*
 - This goal was not achieved this year due to many unforeseen planning issues, but planning has already begun for this sort of activity in 2011.

Societal Interaction:

The stated goals for societal interaction are:

1. *Send the maximum number of students to the annual Workshop for Student Chapter Leaders. These students should all be underclassmen who intend to remain involved in USC ASCE through an executive board position. Within 2 years it shall be the goal of the organization to require all Presidents and Secretaries to have attended a Workshop for Student Chapter Leaders prior to their election to office.*
 - In 2010, USC ASCE sent 4 members to the Workshop for Student Chapter Leaders in San Diego, CA. Furthermore, we have budgeted to send 4 students to the 2011 workshop in Anaheim, CA.
2. *Within 2 years, send a minimum of one organization representative to the national conference of the Society. Within a minimum of 5 years, provide and fund for a regular representative to attend each national conference of the Society.*
 - This year USC ASCE budgeted for and sent 6 representatives to Las Vegas, Nevada to attend the ASCE National Conference. Please see the event write up section for a complete review of the trip. We were able to send these students using available university funds, which should enable us to send at least one student in the future as required by the strategic plan. Moreover, current executive board members are already planning on attending the 2011 conference in Memphis, Tennessee.

Internal Affairs:

For internal affairs, goals were sub-divided into membership goals and social goals. The membership goals are:

1. *Increase membership to 75% of undergraduate class.*
 - In 2010 our membership represented 35% of the total civil engineering undergraduate class. The benchmarks to achieve 75% over the next 3 years require us to increase our membership by 10% in 2011 to represent a total of 45% of the undergraduate class. As freshmen and sophomores are very underrepresented in our membership, we feel that

targeting this group, while maintaining our current membership base of juniors and seniors should allow us to continue this growth.

2. *Increase freshman membership to a minimum of 50% of the incoming freshman class each year.*
 - In 2010 USC ASCE increased our freshmen membership to six regularly participating freshmen (in 2009 we had five). Through the early months of 2011, the USC ASCE executive board will be working to increase the value we provide to freshmen by tailoring several meetings and activities (i.e. resume workshops) towards underclassmen. Furthermore, at the start of the Fall 2011 semester, our executive board will seek to have membership in USC ASCE added as extra credit in the required freshmen civil engineering courses.
3. *Maintain and track graduating alumni, ASCE participation by class and annual retention rate.*
 - From 2009 to 2010 USC ASCE retained 90% of its members from the class of 2010. Furthermore, we increased involvement in the class of 2012 by 50% on top of the 100% retention of those members. From the class of 2013, which was our least represented class in 2009, we increased from 3 members to 10 with a 100% retention rate. The 2010 executive board views these extremely high retention numbers as an indication of the success and commitments of our student chapter members.
4. *Maintain annual records of hours spent for each member in ASCE activities.*
 - USC ASCE has kept detailed records of our membership activities through the use of a shared Google spreadsheet that allows all of our executive board to verify the status of our members and their involvement hours. These records allow us to select representative members to attend workshops and conferences.

Conference Competition:

Conference competition can be subdivided, as in the strategic plan, into several respective areas that are representative of the individual design competitions (i.e. concrete canoe, steel bridge, environmental). For the sake of brevity the goals for conference competition have been summarized as follows:

1. *Complete all travel arrangements (i.e. flights, hotel) and pay any necessary deposits prior to the University's Thanksgiving recess.*
 - Due to the fact that the host school had not determined the dates of the competition, and that we had not determined the number of students we wished to take to the competition, travel arrangements were not determined before Thanksgiving recess. This, however, isn't a problem for us as we plan on driving ourselves to the competition in 2011 and do not have to book flights with airlines. Also, the host school has made arrangements with a nearby hotel, which gives us access to hotel rooms for the duration of the conference at a discounted rate
2. *Through a competitive application process, select at least 40 potential participants prior to the last day of classes of the fall semester.*
 - It has been decided that participants will be chosen based on their participation in event practices rather than in a competitive application process. We feel that if people are guaranteed a spot at PSWC by the end of fall semester, they won't be as enthusiastic with helping out with event preparations. By choosing students based on their participation, we can ensure that students will be more involved in pre-conference

-
- activities. Instead of choosing participants prior to the last day of classes of the fall semester, it has been decided to wait until mid February to finalize the roster.
3. *Assign captains to each non-qualifying conference event. Place in the top 5 for each event within 5 years.*
 - In previous years, captains had only been assigned to the concrete canoe, steel bridge, and environmental competitions. This year, in addition to those events, captains have already been assigned to the surveying competition and to the geotechnical competition. Captains for the other engineering events as well as a captain for the sporting events will be chosen at our first general PSWC meeting. These captains will be in charge of coordinating practices, acquiring materials, and reporting progress to the PSWC chairs for their individual events.
 4. *Receive national bids for both Steel Bridge and Concrete Canoe within 5 years.*
 - Concrete Canoe performed admirably at the 2010 PSWRC in Las Vegas, Nevada. The goal for the team was to establish quality control procedures that would ensure our canoe could compete simply on the basis of construction and final product within the conference. In 2010 the Concrete Canoe maintained a 7th overall placement in the competition, the same as we did in 2009. While there was no advance in final placement, there was also no decline. We hope to improve upon that at the upcoming PSWC conference in 2011.
 - Steel Bridge unfortunately was disqualified at the 2010 PSWRC for not completing construction of the bridge within the allotted time. However, the bridge itself performed admirably and would have placed well had it not been disqualified. Consequently, the team has worked a lot on completing the bridge within the time constraints with a similar design. As with years past, the bridge design for the 2010 PSWC consumed most of the fall semester; however, the bridge team has dramatically increased its size by hosting welding practices throughout the fall.
 5. *Win the conference title at the Pacific Southwest Regional Conference within 5 years.*
 - In year one of this five year plan, our goal is to make it into the top 5 overall at the Pacific Southwest Regional Conference. In 2010 USC placed 9th overall. We are going to reach this goal by practicing for each individual event before the competition to an extent that has never been done at USC. In previous years, students haven't even known what events they are participating in up until the week of the competition, this year, students will be chosen to participate in the competition based on the efforts they put in practicing for each individual event. With this simple change in strategy, USC should be able to drastically move up in the final rankings of the competition.

PART III. STUDENT ORGANIZATION MEMBERSHIP AND MEETINGS

Part III of the report includes records relating to membership and meetings.

1. MEMBERSHIP

Is attendance at ASCE Student Organization meetings mandatory?	No
Society-level ASCE Membership is:	Voluntary
Total number of Juniors & Seniors eligible to join ASCE (number of Jr. & Sr. with CE declared major; average over the year)	179
Total number of Juniors & Seniors in your ASCE Student Organization: (average over the year)	25
Number of members of your ASCE Student Organization: (average over the year)	63
Number of ASCE Student Organization members who are Society-level ASCE Student Members:	13
<u>Statistical information:</u>	
(Total Jr. & Sr. ASCE Student Organization Members) ÷ (Total Jrs. & Srs. Eligible)	0.14
(Total Society-level Student Members) ÷ (Total Local Student Members)	0.21

Note: Membership lists are in Attachment A.

2. ASCE STUDENT ORGANIZATION MEETINGS

Meetings to which the general membership of the ASCE Student Organization is invited should be recorded here. All meetings reported in this section must be arranged and sponsored by the ASCE Student Organization. Include joint meetings, technical and professional meetings, field trips and social functions.

Activity Date	Activity Type (Use abbreviations below; list all that apply.)	Program (Briefly describe program. Include name of speaker if applicable.)	Attendance				
			Students	Faculty	Faculty Advisor	Practitioner Advisor(s)	Other
1/13	OP	Concrete Canoe Team – sanding of concrete molds	10				
1/17	FT	Concrete Canoe Team – paddling practice	12				
1/17-1/19	OP	Concrete Canoe Team – more work on the molds	~6				
1/24	FT	Concrete Canoe Team – paddling practice	8				
1/26-1/28	OP	Concrete Canoe Team – finishing the canoe molds	~9				
1/31	FT	Concrete Canoe Team – Paddling Practice	10				
2/2-2/5	OP	Concrete Canoe Team – work on fiberglass mold	~7				
2/6	OP	Concrete Canoe Team – pouring the canoe	22				
2/7	FT	Concrete Canoe Team – Paddling Practice	9				

2/16	PP	USC Engineering Week – Concrete Bowling	30	1	1		
2/21	FT	Concrete Canoe Team – paddling practice	8				
2/27	OP	Concrete Canoe Team – sanding of the canoe	7				
2/28	FT	Concrete Canoe Team – paddling practice	8				
3/4	OP	Concrete Canoe Team – sanding of the canoe and building of the stands	~8				
3/6	OP	Concrete Canoe Team – release of the canoe from the mold	10				
3/7	FT	Concrete Canoe Team – paddling practice	8				
3/6-4/7	OP	Steel Bridge final construction days	~17				
3/11	PM, FT	AECOM Office Tour	11				
4/8-4/10	PM, FT	Pacific Regional South West Conference	40	1	1		
5/2	OP	Officer Transition Meeting	30				
8/24	OP	First Officer Planning Meeting of the 2010-2011 school year	16				
8/25	SF	ASCE Welcome Back Barbeque	35				
8/31	OP	Weekly officers’ planning meeting	15				

9/1	OP	Steel Bridge Team introductory meeting	19				
9/7	OP	Weekly officers' planning meeting	12				
9/8	PM	First General Meeting	20				
9/10	OP	First Steel Bridge Team design meeting	12				
9/14	OP	Weekly officers' planning meeting	12				
9/21	OP	Weekly officers' planning meeting	15				
9/23	PM	General Meeting with Jackie Patterson of JL Patterson. She spoke on "Engineering Entrepreneurship"	20				
9/29	OP	Weekly officers' planning meeting	12				
10/1	OP	Steel Bridge Team planning meeting – discussed design of member sizes, weight issues, and preliminary connection ideas	13				
10/5	SF, FT	Beach Day	N/A				
10/6	PP	National Academy of Engineering Grand Challenges Summit 2010 K-12 Activity – helped K-12 students understand and do projects relating to the NAE list of Grand Challenges for Engineering	6				
10/7	OP	Steel Bridge Team – Final design meeting	12				
10/12	PM	General Meeting, speaker from Hopper Engineering	18				
10/12	OP	Weekly officers' planning meeting	10				

10/19	OP	Weekly officers' planning meeting	13				
10/20-10/23	FT, PM	Annual ASCE National Conference – Las Vegas, Nevada	6				
10/23	FT	Rebuilding Together – community service event	2				
10/26	OP	Weekly officers' planning meeting	13				
10/28	PM	General Meeting - speaker from AECOM – Andrew Agopian	20				
11/2	OP	Weekly officers' planning meeting	9				
11/10	OP	Weekly officers' planning meeting	8				
11/16	OP	Weekly officers' planning meeting	10				
11/17	SF	Fred Flintstone Bowling Night – Social event with YMF members	7				3
11/21	FT	Concrete Canoe Team - Paddling Practice	5				
12/1	OP	Weekly officers' planning meeting	8				
12/2	OP	Steel Bridge team – steel relocation	6				
12/3	SF	ASCE Holiday Party	19				
12/6 and 12/7	OP	Informational Sessions on this year's PSWC	31				

Meeting

Abbreviation Statistical Information:

PM	Number of Professional Meetings (business & technical presentation):	7
PP	Number of student talks or Paper Presentations at ASCE Student Org. meetings:	2
PC	Number of meeting with Professional Conduct (Licensure/Ethics) programs:	0
FT	Number of ASCE Student Org. sponsored Field Trips:	14
SF	Number of ASCE Student Org. sponsored Social Functions:	4
OP	Number of Officers' or Planning Meetings	30

Statistical Information:

Average attendance at 10 most populated ASCE Student Org. meetings: 24.6
(if fewer than 10 meetings were held, average all meetings)

(Average attendance) ÷ (Total student ASCE Student Org. members) = 0.39

3. ASCE SECTION/BRANCH AND OTHER PROFESSIONAL MEETINGS

Please list the date, location, and other information below for any meetings sponsored by the ASCE Section, Branch, or Society-level (i.e., National) that members of your ASCE Student Organization attended this calendar year. Also list any technical group meetings or meetings of other professional organizations attended by members of your organization.

Date	Location	Name of Host Group/Event	# of ASCE Students Present	# of ASCE Members Present
10/7	LA City Hall – Tom Bradley Room 200 N Spring Street	Metropolitan Los Angeles Branch (MLAB)	1	50
10/20-10/23	Las Vegas, Nevada	ASCE National Conference	6	Several hundred

Statistical Information:

Did your ASCE Student Org. host at least one ASCE Section/Branch/Technical group meeting? No

Total number of students who attended ASCE Section/Branch/Technical group meetings

PART IV. STUDENT ORGANIZATION ACTIVITIES

1. PARTICIPATION IN STUDENT CONFERENCE & WSCL

- a. Did your ASCE Student Organization attend a Student Conference during the year? Yes
 Number of representatives attending: 5
 Name of Conference: Student Round-up 2010
 Location: California State University – Long Beach
 Dates: 9/25/10
- Did your ASCE Student Organization host or co-host this Student Conference? No
- b. Did your ASCE Student Organization attend a Workshop for Student Chapter Leaders (WSCL) during the year? Yes
 Number of representatives attending: Students: 4
 Advisors (Faculty and/or Practitioner): 1
 Location: San Diego Marriot Mission Valley Hotel
 Date: 2/26-2/27/10

2. ASCE STUDENT ORGANIZATION NEWSLETTER & ON-LINE PRESENCE

- a. Does the ASCE Student Organization prepare its own newsletter? No
 Number of issues during Annual Report year: N/A
- b. Does the ASCE Student Organization maintain an up-to-date on-line presence (i.e. website, social media, etc.)?
 (Address must be listed on page 1 of the Annual Report) Yes

3. PRESENTATIONS OUTSIDE OF THE ASCE STUDENT ORGANIZATION

- a. Did any student members of your organization make presentations outside of your ASCE Student Organization? Yes
 Number of presentations made: 1

Date	Student Presenter(s)	Presentation Title	Event Sponsor	Location
9/21/10	Katie Hickey	Funding Request and Summary of Activities	David M. Wilson	USC University Club

4. PARTICIPATION IN ASCE STUDENT MEAD PAPER COMPETITION

- Did a member of your ASCE Student Organization submit a paper to the National Daniel W. Mead Student Paper Contest during the year of this report? Yes
 Author: Frank Eschenburg
 Paper Title: The Future of Social Science Engineering

5. PARTICIPATION IN ASCE SOCIETY-LEVEL CIVIL ENGINEERING EVENT

Was your ASCE Student Organization represented at any ASCE Society-level (i.e., National) Event? Yes
Event Name: ASCE National Conference
Location: Las Vegas, Nevada
Dates: October 21-23, 2010
Number of Representatives: 6 Student(s)
0 Advisors (Faculty and/or Practitioner)

6. COLLABORATION WITH OTHER STUDENT ORGANIZATIONS

Has your ASCE Student Organization collaborated with other student organizations on your campus in the last 12 months? Yes
Event Name: Creation of Engineering Leaders, Inc.

7. PRACTITIONER & FACULTY ADVISOR TRAINING WORKSHOP

- a. Did your Faculty Advisor attend the Practitioner & Faculty Advisor Training Workshop (this year or in the past)? Yes
Date: 2004
- b. Did one of your Practitioner Advisors attend the Practitioner & Faculty Advisor Training Workshop (this year or in the past)? Yes
Date: 2005

Attachment A



Membership Lists

Local Student Organization Membership List

<u>Name</u>	<u>Member Type</u>	<u>Email Address</u>	<u>Grad. Date</u>
Alam, Sian	General Member	sianalam@usc.edu	5/14
Alvarez, Natalie	General Member	nralvare@usc.edu	5/14
Andrawes, Andrew	General Member	andrawes@usc.edu	5/12
Cabico, Ashley	General Member	cabico@usc.edu	5/11
Dion, Edward	General Member	edion@usc.edu	5/11
Enriquez, Josue	General Member	jjenriqu@usc.edu	5/11
Hickey, Katie	President	khickey@usc.edu	5/11
Hoang, Dung	PSWC Co-Chair	dunghoan@usc.edu	5/12
Iturbe, Francisco	General Member	fiturbe@usc.edu	5/14
Justin, Sara	Vice President	sjustin@usc.edu	5/11
Klunder, Ann	General Member	klunder@usc.edu	5/11
Kurth, Theresa	Secretary	tkurth@usc.edu	5/13
Kwan, Justin	Steel Co-Captain	justinkw@usc.edu	5/11
Kwok, Michael	General Member	mkwok@usc.edu	5/11
Lau, Roberta	General Member	laurober@usc.edu	5/12
Lau, Rosa	General Member	rosalau@usc.edu	5/14
Levy, Samuel	Canoe Co-Captain	samueljl@usc.edu	5/13
Livingston, Breanna	General Member	blivings@usc.edu	5/11
Lu-Hill, Olivia	General Member	luhill@usc.edu	5/11
Martin, George	General Member	gomartin@usc.edu	5/13'
Nunez, Luciano	Treasurer	luciano@usc.edu	5/12
Okamoto, Lisa	Social Chair	lokamoto@usc.edu	5/11
Olson, Dylan	General Member		grad
Padovan, Gisela	General Member		
Pochowski, Laura	General Member	pochowsk@usc.edu	5/13
Palmieri, Thomas	Historian	tplamier@usc.edu	5/13
Paschoal, Thomaz	General Member	paschoal@usc.edu	5/13
Rice, Kirsten	Environmental Captain	kirstenr@usc.edu	5/13
Rivera, Oscar	Canoe Co-Captain	riverame@usc.edu	5/13
Rodriguez, Ricardo	General Member	rodri8@usc.edu	5/11
Rogowski, Ben	Fundraising Chair	rogowski@usc.edu	5/12
Ross, Emily	Canoe Co-Captain	emilyr@usc.edu	5/11
Sapigao, Izachar	General Member	sapigao@usc.edu	5/11
Scudder, Kristen	PSWC Co-Chair	kscudder@usc.edu	5/11
Severt, Anna	General Member	asevert@usc.edu	5/14
Soh, David	General Member	sukhyuns@usc.edu	5/11
Soh, Michael	Treasurer	michael.soh@usc.edu	5/13
Su, Rongcan (RC)	General Member	rongcans@usc.edu	5/13
Summers, Jarrid	Steel Co-Captain	jsummers@usc.edu	5/11
Tran, Charlie	General Member	charliet@usc.edu	5/13
Ung, Jhumann	General Member		
Verzemnieks, Lisa	General Member	versemni@usc.edu	5/11
Wichianchan, Wirkit	General Member	wichianc@usc.edu	5/13
Wylde, Travis	General Member	wylde@usc.edu	5/12
Yokota-Joshi, Aditi	General Member	yokotajo@usc.edu	5/12
Yoon, Tae	General Member	taejyoon@usc.edu	5/14
Zhang, Xiang (Justin)	General Member	zhang51@usc.edu	5/12
Zhang, Zhe	General Member	zhang52@usc.edu	12/12

Society Level Membership List

<u>Name</u>	<u>National ID Number</u>	<u>Email Address</u>	<u>Grad Date</u>
Alam, Sian	984902	sianalam@usc.edu	5/14
Cabico, Ashley	495874	cabico@usc.edu	5/11
Enriquez, Josue	490801	jjenriqu@usc.edu	5/11
Hickey, Katie	490795	khickey@usc.edu	5/11
Kwok, Michael	949230	mkwok@usc.edu	5/11
Lau, Rosa	995179	rosalau@usc.edu	5/14
Levy, Samuel	950680	samueljl@usc.edu	5/13
Palmieri, Thomas	963203	tpalmier@usc.edu	5/13
Paschoal, Thomaz	996759	paschoal@usc.edu	5/13
Rivera, Oscar	955849	riverame@usc.edu	5/13
Rogowski, Ben	1006034	rogowski@usc.edu	5/12
Scudder, Kristen	508663	kscudder@usc.edu	5/11
Soh, David	965326	sukhyuns@usc.edu	5/11
Wichianchan, Wirkit	984892	wichianc@usc.edu	5/13

Attachment B



Sample Meeting Announcements, Programs, Agendas

Sample Recruiting Brochure



About ASCE

The American Society of Civil Engineers, America's premier and professional engineering society, was founded in 1852 to enhance the welfare of humanity by advancing the science and profession of civil engineering. As the oldest society of its kind, ASCE has historically been a leader in determining and upholding sound principles of engineering practice.

About USC ASCE

The ASCE chapter at USC is a student run organization that promotes the enhancement of the civil engineering student. In preparation for a successful future, ASCE serves as the link between the university and professional experience. Founded in 1924, USC ASCE is the third oldest student chapter nationally and continues to function on the organizations founding principles.

USC ASCE

The American Society of Civil Engineers

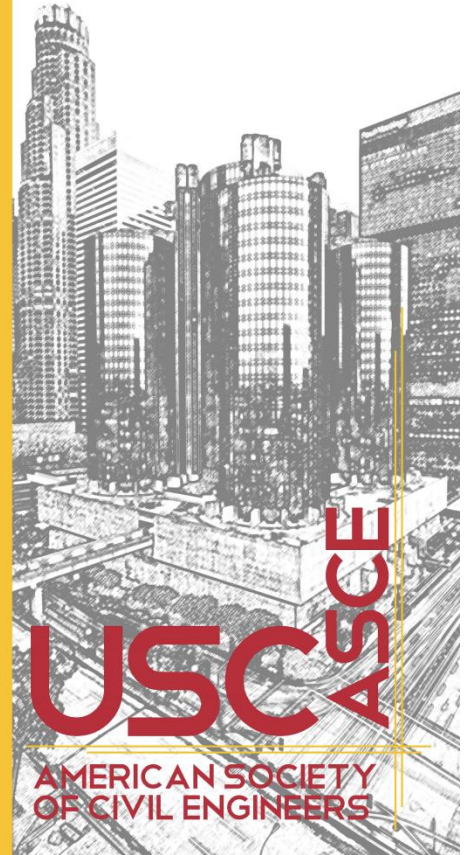
Faculty Advisor

Professor Henry Koffman

<http://viterbistudents.usc.edu/asce/>
uscasce@usc.edu
213.740.0612 tel
213.744.1426 fax
Kapriellan Hall #241



USC Viterbi School of Engineering



Front of brochure

PRACTICAL EXPERIENCE AND OPPORTUNITIES

Members of the USC American Society of Civil Engineers participate in a number of activities that expose students to industry and provide them with practical knowledge and experience. At the annual Pacific Southwest Conference, teams enter concrete canoe, steel bridge, and other engineering events that encourage healthy competition between regional schools. Field trips to project sites and recognized landmarks also give students opportunities to see results and real world applications of principles learned in the classroom.

Throughout the year students can participate in a number of community outreach programs and are able to attend conferences where teamwork skills can be developed and connections with industry professionals can be made. As a member of the USC American Society of Civil Engineers, you are also eligible to win scholarships from both region and national chapters.



NETWORKING AND SOCIAL EVENTS

Guest speakers at USC ASCE general meetings are a great opportunity for students to meet professionals and learn more about the facets of civil engineering. Not only are meetings a chance to network with members of industry, but it's a great opportunity to meet other civil engineering students and it never hurts that there is always free food! Other social events held throughout the year allow students to get to know one another better and unwind after a long week of tedious classes.



Back of brochure

Sample Meeting Announcement Email

Hey my fellow civil engineers!!

I hope you are all excited for our 4th General Meeting with Hopper Engineering Associates.

Hopper Engineering Associates is a multidisciplinary analysis and design engineering firm serving industrial clientele. Their focus is in providing practical solutions to unique and challenging technical problems. A couple of 'SC Alumni will be coming to show us some of their projects. Bring your resumes if you're interested in a unique structural engineering firm!

As always food will be provided!! :)

Date: Tues 10/12 at 5pm in KAP, room 140

Feel free to contact us for any information.

email: uscasce@usc.edu

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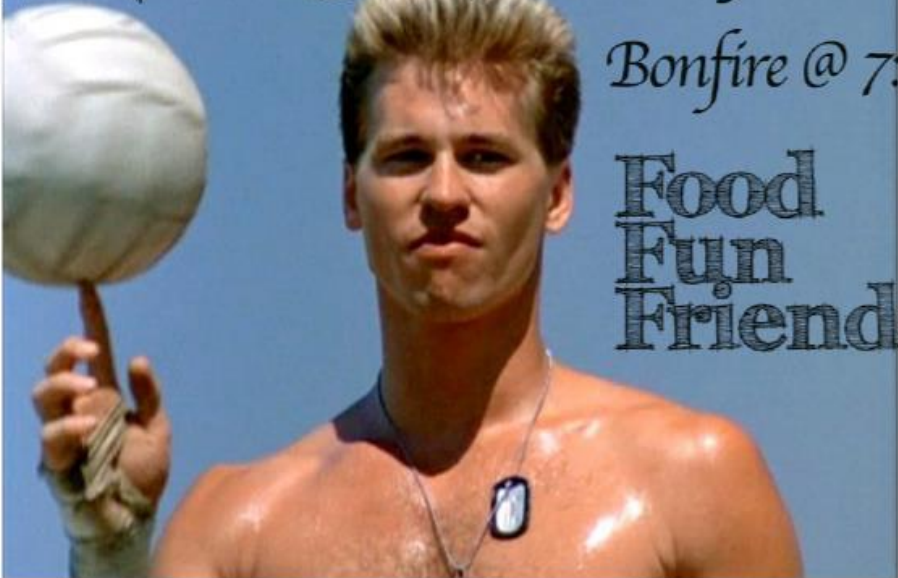
If you would like to be removed from this mailing list please email uscasce@usc.edu with the subject line "REMOVE."

USC American Society of Civil Engineers

www.uscasce.com

Sample Event Flyer

ASCE Dockweiler Beach
Volleyball @ 3:30
Bonfire @ 7:00
Food
Fun
Friends



*Please RSVP for the Volleyball Tournament by sending an email to social@uscasce.com including your name and teammates
4 Players to a team*



Sample Officer Meeting Records

Secretarial Minutes

ASCE E-Board 11/2/10 Minutes

Officers in Attendance: 9

9:23pm Call to order

Fundraising packets were sent out last week! (Thanks Ben)

Community service Update (Sara):

- Hope to make it to the homeless shelter before thanksgiving (orientation beforehand for newcomers)
- Help out with the cleanout of a kids recreation center? Friday before UCLA is the move out date, Sunday after is move-in of new stuff – INFO BY NEXT WEEK please
- Rebuilding Together still in the works

9:26 – T- shirt contest...email has gone out. Submissions by 12th

9:27 – Lisa - November Social Event – planned for the 17th – funding applications have been turned in. Lisa is unable to attend.

9:28 – Theresa - Annual Report – Event sheet template has gone out! Will send out CSULA report to everyone as an example. Team Captains start filling out their respective portions. Comprehensive list of what we need to start delegating tasks will be sent out this week.

9:31 – Design projects... Viterbi design funds came through finally!

9:33 – Kristen and Dung - PSWC – events are all out. Concrete canoe, steel bridge, tech paper, environ, geotech, concrete bowling, concrete discus, tug of war, surveying, impromptu, mystery, vball, soccer, basketball, flag design, business meeting, basla bridge, greenhouse model, hydrology design, can-struction, shot put. So far we have 50 people signed up.

Need to do – For the events that have rules, let's find captains.

- Hold info meeting about PSWC for all ASCE members.

9:37 – Next general meeting – beginning of December – old steel bridge captain to speak

– Engineering Leaders – our nonprofit corporation is coming along. Still a work in progress.

9:38 – E-Week meeting today...Sara and Michael went.

- Beginning stages – Viterbi ball, lots of the same stuff as last year
- Early this year – February 22 – need to turn in funding when we get back from break. Let's get events set up before we leave! Ideas: Sports day, K12 day, undecided day
- 1-2 events per organization required

9:41 – Planning ASCE Day! Saturday in January. Should be really a fun and awesome way to learn about ASCE.

- Couple speakers, invite other schools
- Need to think of ideas!

9:47 – Mock PSWC days. Need to reserve intramural fields

9:49 – DiscoverUSC – November 21st

9:51 – Dung and Kristen – Tech Paper competition

9:52 – Meeting adjourned

President's Meeting Record

ASCE Executive Board Meeting

Date: Tuesday 11/2/10

Attendees:

Katie Hickey	X	Emily Ross	
Sarah Justin	X	Sam Levy	
Michael Soh	X	Oscar Rivera	X
Lisa Okamoto	X	Justin Kwan	
Jarrid Summers			
Thomas Palmieri		Kirsten Rice	X
Kristen Scudder		Theresa Kurth	X
Dung Hoang	X	Ben Rogowski	X

Action Items (need to be completed and addressed by next meeting)

Item Description	Persons Responsible	Action/Timeline	Updates
Fundraising Packet	Katie and Ben	Mailed last week	Will begin follow up emails in next week or so.
Community Services	Sarah	Have one ready and planned for next week	-Homeless shelter volunteering around Thanksgiving -Help with local afterschool program move in/our -still looking into rebuilding together
T Shirts	Sara	Sent out email, need submissions by the 12 th	Wait and see
November social event	Lisa	On 11/17	Waiting to see if funding comes through
Annual Report	Theresa	Get rough draft together by end of November, want to be able to add to and edit in Dec/Jan	Theresa to come up with comprehensive task list
Design Projects	Canoe and Bridge	Viterbi design	Will get started

		funds ok'ed	ASAP
PSWC Update	Kristen and Dung	March 23-26 is PSWC	Website up, events up.
EWeek	Sara and Michael	Week of Feb 22	Meeting today. Need to submit events by end of semester.
ASCE Day	Katie and Everyone		

Next meeting: Tues 11/9 9:15pm

Event Record Template

ASCE EVENT SHEET

EVENT TITLE:

DATE:

LOCATION:

ATTENDEES: BOARD MEMBERS:

MEMBERS: TOTAL:

REPORT PREPARED BY:

DESCRIPTION OF EVENT/PURPOSE:

INSERT PHOTO HERE



ACTIVITY ASSESSMENT: (SUCCESSES/PROBLEMS)

SPEAKER/SPEAKER CONTACT INFO:

PREPARATIONS:

BUDGET:

Please attach sign-in sheet!

Attachment C



Sample Newsletter and/or Printout of Website

Sample Newsletter

ASCE TROJAN Weekly

I hope you all enjoyed the Football game!

Weekly Events:

Paddling Practice (Nov. 14th)

Persone di Venezia!

Just a reminder that we will have paddling practice this Sunday, November 14th in the beautiful Back Bay of Newport.

We will meet at KAP at 9:30am to carpool down. In and Out as always on the way back! RSVP by Friday Night via email and fill out the attached waiver and turn it in to KAP 241 by Thursday night. We need the waiver in order for you to go--it's easier to fill one out without the date, make copies and have a pre-filled waiver each time. If you have any questions let us know. Also, if you can drive, let us know and how many you can fit in your car so we can arrange carpools.

The address for Newport Aquatic Center, in case you're driving or just want to know, is
1 Whitecliffs Dr.
Newport Beach, CA 92660

ASCE Fred Flintstone Bowling Night (Nov. 17th)

Yabba dabba doo!!

ASCE will be hosting a bowling night Nov 17 at Shatto 39 Lanes!! We will be carpooling to the lanes from KAP at 7pm . And the first 12 people to come to the event will receive a free shoe rental and one game of bowling from ASCE!!

To RSVP for bowling shoot an email to us at: uscasce@usc.edu

Also if you are willing to drive people to this event please say so in the email.

MESA Madness Family Day (Nov. 20th)

If you love engineering and kids, then come join some of our board members to help with **MESA Madness Family Day event on Saturday, November 20 from 8:30 AM to 12:00 PM.** MESA definitely still needs your assistance since their volunteers are critical in helping to inspire local middle school students about the joys of science and to create our next generation of engineers. They anticipate over 400 middle school students, parents, and family members from our 10 middle schools throughout the Los Angeles area.

Specifically, they will need our help with the following:

- Help middle school students build hands-on science projects such as a hand fan, flashlight,

momentum marbles, balloon jet, wind vane, anemometer, propeller car, tubed car, windmill, loop glider, and circuit board. MESA will provide you with instructions to help students build the hands-on science and engineering projects.

And of course, they will provide snacks and the fun.

Please email Ben Louie, Associate Director of MESA at blouie@usc.edu to confirm your availability. If you are not available, please encourage your fellow classmates to take advantage of this great community service opportunity; **attached is a flyer**.

Prior to MESA Madness on November 20, Ben will forward you specific logistics of your specific role, where to meet, etc.

Thank you again for your willingness to give back to the community and motivate our next generation of engineers.

If you have any questions, please feel free to contact Ben.

Additional Announcements:

VSC Capture the Flag Announcement

Viterbi Student Council will be hosting an engineering Capture the Flag in about 2 weeks!

Take a break from studying, and join your fellow engineers for a campus-wide game of Capture the Flag! Enjoy the game, some food, and the company of your fellow engineers! Make sure to bring two shirts - a white one and a cardinal one - to assign teams.

ASCE Handy Dandy Info (Thoughtful Question):

Why do you want to become a Engineer?

This is the most commonly worded question that you will ever see in your life but, it will prove to be the most impactful question in your life. **"Why do you want to become a Engineer?"**

It's a question that will make sure you live a happy life.

It will help you get you your dream job when, the H.R. person is asking you, "Why do you want to get involved in the Construction Industry?" "Why do you want to be researcher for Southern California Earthquake Center?" "Why do you want to build bridges?" and so on.. Then you reply in a clear calm voice, "I ..." and the rest is what you have learned from this question.

Also having these conversations will lead to hopefully life ling friendships with the people that you had this thoughtful conversation with and who recognize that you have a great concern in their goals as they do you goals.

The main point that I am trying to come across is that you need to ask yourself this question and you need to have someone with you to help you fully answer the question.

I am going to assign you a homework assignment with the following requirements.

Before the end of this school year, I want you to have had five or more conversation with different individuals about "Why do you wanted to become a Engineer?"

- i) You should discuss this question with a mix of people from classmates, to upper-classmen, to professors and industry professionals, to yourself.
- ii) The classmates that you talk can come from any type of engineering field.
- iii) Make sure you talk with someone who is as equally or more passionate and knowledgeable about engineering as you are?
- iv) Also make sure that the conversation goes both ways. The most effective conversation would be have one person talk while the other person listens and provides feed back and new questions relevant to the discussion. Then switch roles.

Membership Information

Please fill out a membership form for the year 2010-2011, write a check for \$30, made out to USC ASCE, and return ASAP to KAP 241. We will be accepting new members throughout the academic year. If you want to be a part of Concrete Canoe, Environmental or Steel Bridge or on any of the other teams at the regional conference this spring then you need to be a paid member. The membership form can be found on our website.


<http://viterbistudents.usc.edu/asce/membership.htm>


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If you would like to be removed from this mailing list please email uscasce@usc.edu with the subject line "REMOVE."

USC American Society of Civil Engineers
www.uscasce.com

Printout of Website Homepage (uscasce.com)

University of Southern California 

 **USC Viterbi**
School of Engineering

Site Home

The American Society of Civil Engineers Student Chapter at The University of Southern California

ANNOUNCEMENTS:

Concrete Canoe Paddling Practice
Sunday in the beautiful Back Bay of Newport. We will meet at KAP at 9:30am to carpool down.

Membership forms for 2010-2011 are now available! Click the link on the side bar for more information.

- You can now follow us on Twitter! <http://twitter.com/uscasce>
- You can also now join us on Facebook www.facebook.com/index.php
- Check out ASCE national news and updates at <http://www.asce.org/>
- The 5-Year Strategic Plan for USC ASCE has been published! Please click here to read the 5-Year Strategic Plan.
- Congratulations to our past PSWC teams from 2009-2010 for their great performance in Hawaii and Vegas! Click here to see pictures of the events.
- The 2009 Annual Report is complete. Please click here to read the USC ASCE 2009 Annual Report.
- The 2009 Report Card for America's Infrastructure has been released. Find the Report and Suggestions for Improvement Here.

About
Big Buddies
Pacific Southwest Regional Conference
Concrete Canoe
Steel Bridge
Environmental
Membership
Contact
Partner Organizations
Officer Resources

Attachment D



Summary and Highlights of Meetings and Activities

Steel Bridge Welding Sessions

DATE: Various days in January – February 2010

LOCATION: Kaprielian Hall

ATTENDEES: BOARD MEMBERS: 1
MEMBERS: 23 TOTAL: 24

REPORT PREPARED BY: Justin Kwan

DESCRIPTION OF EVENT/PURPOSE:
Welding Tutorial for Steel Bridge Members.
-Provide beginners tutorial on MIG welding

ACTIVITY ASSESSMENT:

SUCSESSES:

-All participating members were given the chance to weld under the tutorial of a resident welding expert.

PROBLEMS:

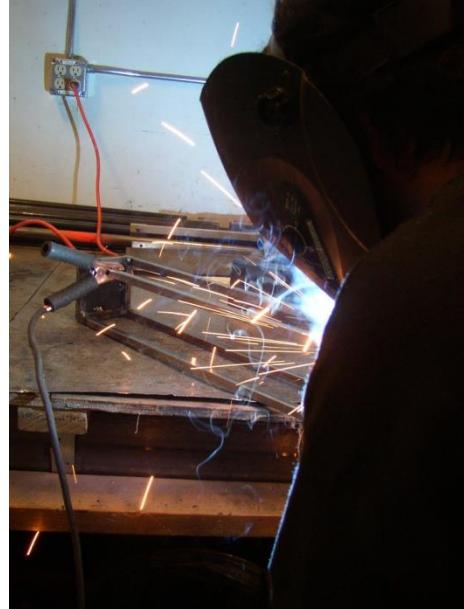
-Lack of sufficient scrap metal to allow more complex welding tutorials.
-Lack of sufficient number of welding hoods. Some members were asked to move out of welding area while others welded.

SPEAKER/SPEAKER CONTACT INFO:

Justin Kwan, Team Captain
Frank Eshenburg – Member, Welding Expert

PREPARATIONS:

-Proper Safety materials
-Welding Curtains



Steel Bridge Construction Days

DATE: March 6th – April 7th

LOCATION: Kaprielian Hall

ATTENDEES: BOARD MEMBERS: 2
MEMBERS: 15 TOTAL: 17

REPORT PREPARED BY: Justin Kwan

DESCRIPTION OF EVENT/PURPOSE:

Final Bridge Construction

- Fabricated all necessary members for the Bridge
- Drill and punch all connections
- Paint Bridge



ACTIVITY ASSESSMENT:

SUCCESSSES:

- Large number of members participated in the fabrication of the bridge
- All participants given sufficient number of tasks
- Bridge completed on schedule

PROBLEMS:

- Only on MIG welder meant slow welding process
- insufficient tools diminished degree of accuracy on some members/connections

SPEAKER/SPEAKER CONTACT INFO:

Justin Kwan, Team Captain
Brent Oakes, Co- Captain

PREPARATIONS:

- Proper Safety materials
- Safety Tutorials on ALL tools used.

AECOM Office Tour

DATE: 3/11/10

LOCATION: AECOM Transportation
300 S Grand Ave, FL 2
Los Angeles, CA 90071



ATTENDEES: BOARD MEMBERS: 5
MEMBERS: 6 TOTAL: 11

REPORT PREPARED BY: Katie Hickey

DESCRIPTION OF EVENT/PURPOSE: Students were taken on a tour of the Downtown Los Angeles AECOM Transportation Office. Presentations were given by department heads and other important figures in the office to give the students an idea of the kind of work they do and the more technical aspects of transportation related civil engineering.

ACTIVITY ASSESSMENT: Those that attended really seemed to enjoy seeing engineers in an office setting, however there was difficulty scheduling this event at a convenient time during a weekday to work for both the students and AECOM office.

SPEAKER/SPEAKER CONTACT INFO: There were several speakers: Armando Ramirez, Pat Nichol森, Laura Mohr and Androush Danielians available at (213) 330 7200

PREPARATIONS: Setting up the day and time, coordinating with speakers, parking and security arrangements with the building.

PSWRC 2010 Concrete Canoe

DATE: April 8th-10th, 2010
LOCATION: University of Nevada, Las Vegas
ATTENDEES: MEMBERS: 10 FACULTY: 1
FACULTY ADVISOR: 1
REPORT PREPARED BY: Oscar Rivera



DESCRIPTION OF EVENT/PURPOSE: The Concrete Canoe Competition allows our ASCE members to use the engineering skills they have learned in the classroom and the non-engineering skills they have learned through life to create a canoe which exemplifies these qualities. Preparations began as soon as the 2010 rules were published by the NCCC.

Based on the strengths of each student, they accordingly worked on different aspects of the canoe. Those stronger on design helped model the canoe on using SAP 2000 to determine the necessary compressive and flexural strength of the material. Another group worked on planning the construction for the canoe, creating a project schedule and deciding on using a dual mold system of foam and fiberglass. The concrete design team was responsible for testing various different sustainable, lightweight aggregates and identifying a suitable mix for the team to use that was lightweight and durable. The more creative members of the team were in charge of the theme and making everything look aesthetically pleasing. This year the theme chosen was “Pirates,” the canoe was named *Rascalion*, and the poster and display table were decorated accordingly.

Throughout the year we held paddling practices at Newport Aquatic Center on Sunday mornings. These training sessions gave all our members an opportunity to learn how to paddle a canoe, work on speed and endurance, and improve on techniques that would be used in the races. With a limit of 10 roster places, paddlers were chosen based on skill and the number of hours spent during construction.

ACTIVITY ASSESSMENT: The 2010 Concrete Canoe Team was unsuccessful in building upon the accomplishments of the 2009 team, placing 7th again in the overall competition, but not particularly excelling in any area at the Pacific Southwest Regional Conference hosted by the University of Nevada, Las Vegas. Although we improved upon many of the mistakes of the previous canoe, we somehow managed to overlook the things that we were done correctly.

The biggest problem for the *Rascalion* was its concrete mix. This year our mix attained a density far below that of water, but it came at a price. The concrete was not nearly as strong as it had been in past years and although it did not break, there were numerous cracks all along the canoe.

The *Rascalion* placed 6th in the competition for final product, but our team did not do as well in each aspect of the competition, placing 8th and 9th in the design paper and oral presentation, respectively. The design paper had a few fatal errors in some of the calculations and the oral presenters went over time by a minute, which led to us doing so poorly. In the canoe races we also did not do as well as we had hoped, placing 9th in total points.

SUGGESTIONS FOR THE FUTURE: It is crucial for the 2011 Concrete Canoe Team to learn from the mistakes of the past. This is the reason why each captain must dedicate two years to the position; continuity is crucial. Placing 7th overall this year, the 2011 team must aim for at least 5th place. The 2011 team must spend significantly more time on the mix, finding the perfect balance between strength and weight. They must also do more training programs to improve in the races and make sure all calculations are double checked in the design paper because those are crucial mistakes which should not be occurring. Placing 5th overall is a very realistic goal for the 2011 team; with hard work and determination it can be accomplished.





PSWRC 2010

DATE: April 8-10, 2010
LOCATION: University of Nevada, Las Vegas
ATTENDEES: BOARD MEMBERS: 13
MEMBERS: 27 TOTAL:40
REPORT PREPARED BY: Kristen Scudder

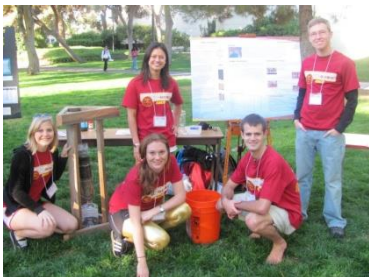


DESCRIPTION OF EVENT/PURPOSE: The Pacific South West Regional Conference (PSWRC) is ASCE's annual student chapter competition that puts to test skills related to the civil engineering profession. This year PSWRC took place at the University of Nevada Las Vegas in Las Vegas Nevada, during April 8-10. The competition involved a wide range of events including concrete canoe, steel bridge, environmental design, surveying, geotechnical design, impromptu, quiz bowl, technical paper, scavenger hunt, and sports competitions. The competition was three full days of events with an awards banquet on the last day. Participants included teams of civil engineering students from all major colleges and universities in Southern California, Nevada, Arizona, and Hawaii.

ACTIVITY ASSESSMENT: Overall the event was very successful and ended with USC placing 9th in the conference out of 17 schools. All of the USC ASCE members that attended learned a lot from participation, talking to members from other schools, and watching the events. None of our design projects placed in the top three, but we came close in many competitions and expect that next year's teams will be able to improve upon the methods used this year. There were a few set-backs during the conference that included a collision during the canoe races, a lack of members available to play during the sports events, and the disqualification of the steel bridge team due to exceeding time limits. However, all of these setbacks were countered by successes in other categories and USC left the competition feeling like we had given our best effort and began plans to improve next year. The traveling and hotel arrangements were also very successful, especially due to a team effort during packing and unpacking the rented truck.

Our student chapter focuses a lot of energy on the larger events at PSWRC but tends to lose focus of the smaller events that can win the school a lot of points. For next year, it would be beneficial for our chapter to put more time and effort into the non-design and smaller events.

PREPARATIONS: All of the design teams prepared a lot for their events before the conference holding meetings and practice sessions as often as needed beginning in the fall and continuing up until the conference. The non design events did most of their preparation in the spring holding a few meetings to get teams together before showing up to compete.



ASCE Welcome Back BBQ

DATE: 8/25

LOCATION: Kaprelian Hall Courtyard

ATTENDEES: BOARD MEMBERS: 12
MEMBERS: 10 TOTAL: 35

REPORT PREPARED BY: Theresa Kurth

DESCRIPTION OF EVENT/PURPOSE: This meeting was an opportunity for interested students to get to know the organization and get a taste of what ASCE is like. We introduced this year's executive board and gave an overview of our goals for the year. We also introduced the competition teams and gave a brief description for the new members.



ACTIVITY ASSESSMENT: The event was a success. We got a lot of new people out and all of them seemed to want to come back because we got a lot of new member forms turned in. Everyone had a good time and met some new friends. This is a good start to the school year.

SPEAKER/SPEAKER CONTACT INFO: Katie Hickey (president) and the rest of the executive board

PREPARATIONS: Reserve the space, order the pizza, and organize the food and sign in sheets.



First Steel Bridge Design Meeting

DATE: September 1st, 2010

LOCATION: Kaprielian Hall

ATTENDEES: BOARD MEMBERS: 4
MEMBERS: 15 TOTAL: 19

REPORT PREPARED BY: Justin Kwan

DESCRIPTION OF EVENT/PURPOSE:

First General Meeting for Steel Bridge 2010.

- Provided a brief overview of goals and expectations
- Provide a short lab tour

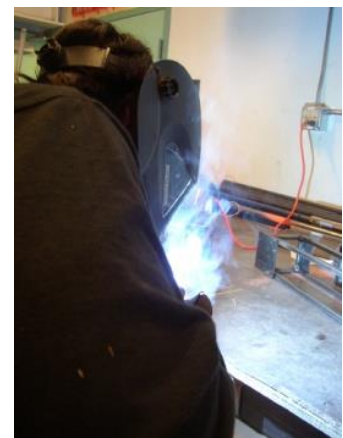
ACTIVITY ASSESSMENT:

SUCCESSSES:

- Large turnout of past members and many new members.
- Handful of underclassman

PROBLEMS:

None



SPEAKER/SPEAKER CONTACT INFO:

Justin Kwan, Team Captain
Jarrid Summers, Co-Captain

PREPARATIONS:

Preliminary Design & Ideas drawn on “Design Chalk Board”

1ST General Meeting

DATE: 9/8/10

LOCATION: Kaprelian Hall - 158

ATTENDEES: BOARD MEMBERS: 10
MEMBERS: 10 TOTAL: 20

REPORT PREPARED BY: Katie Hickey

DESCRIPTION OF EVENT/PURPOSE:

General meeting with presentation by Andrew Agopian of AECOM Energy was planned, however Mr. Agopian did not show up for the meeting as planned and thus we had an impromptu internship panel and attendees had the opportunity to share their interning experiences and hear about others’.

ACTIVITY ASSESSMENT: Speaker did not show up, but everyone seemed happy enough with the end result. It was a good opportunity for this year’s members to get to know each other.

SPEAKER/SPEAKER CONTACT INFO: N/A

PREPARATIONS: Order food, reserve a room.

Steel Bridge Design Meeting

DATE: September 10th,2010

LOCATION: Kaprielian Hall

ATTENDEES: BOARD MEMBERS: 3
MEMBERS: 9 TOTAL: 12

REPORT PREPARED BY: Justin Kwan

DESCRIPTION OF EVENT/PURPOSE:

1st Steel Bridge Design Meeting. Introduced the 2010 Steel Bridge Rules and discussed changes from previous years. Also introduced preliminary design and general specifications for bridge envelope

ACTIVITY ASSESSMENT:

SUCSESSES:

- No major setbacks in prelim. design.
- Input/feedback from team members

PROBLEMS:

- Concerns from younger members on lack of design experience/knowledge

SPEAKER/SPEAKER CONTACT INFO:

Justin Kwan, Team Captain
Jarrid Summers, Co-Captain

PREPARATIONS:

SAP Model of Prelim Design
2010 Steel Bridge Rules

2nd General Meeting

With Jackie Patterson of JL Patterson

DATE: 9/23/10

LOCATION: Kaprelian Hall

ATTENDEES: BOARD MEMBERS: 6
MEMBERS: 14 TOTAL: 20

REPORT PREPARED BY:



Theresa Kurth

DESCRIPTION OF EVENT/PURPOSE:

First were some general ASCE announcements. The main event was the presentation by Jackie Patterson. Her theme was “Engineering Entrepreneurship.” She spoke about her firm, JL Patterson, a railroad engineering firm. She described how she started the firm, the kinds of projects they do, and showed a video going into more detail about one of the bigger projects they worked on.

ACTIVITY ASSESSMENT: Jackie has historically been a great speaker and tonight was no exception. She answered lots of questions (and gave USB drives to those who asked) and gave a lot of advice about engineering and life in general. She was very engaging and everyone had a great time. We also had plenty of food.

SPEAKER/SPEAKER CONTACT INFO: Jackie Patterson – jlpatrickson@jlpatterson.com

PREPARATIONS: Food pick-up from Panda Express



2ND Steel Bridge Design Meeting

DATE: October 1st, 2010

LOCATION: Kaprielian Hall

ATTENDEES: BOARD MEMBERS: 3
MEMBERS: 10 TOTAL: 13

REPORT PREPARED BY: Justin Kwan

DESCRIPTION OF EVENT/PURPOSE:

- Discussed the design of member sizes and possible weight issues.
- Discussed preliminary connection ideas

ACTIVITY ASSESSMENT:

SUCCESSSES:

Upperclassman/Graduate member involvement has increased due to heavy design emphasis in the meetings.

PROBLEMS:

- Continued concern from underclassman on lack of design knowledge.
- Lack of feasible moment connections

SPEAKER/SPEAKER CONTACT INFO:

Justin Kwan, Team Captain
Jarrid Summers, Co-Captain

PREPARATIONS:

SAP Model
Connection Diagrams
Critical Moment Diagrams via Chalk board.

ASCE Beach Day

DATE: 10/5/10

LOCATION: Dockweiler Beach

ATTENDEES: BOARD MEMBERS:
MEMBERS: TOTAL:

REPORT PREPARED BY: Lisa Okamoto

DESCRIPTION OF EVENT/PURPOSE:

The event was meant to be a kick off social event for ASCE members. They were going to take part in beach volleyball and a bonfire.

ACTIVITY ASSESSMENT:

The event was canceled due to weather and there was not a great RSVP response from the members

PREPARATIONS:

Created flyers and planned out activities

Final Steel Bridge Design Meeting

DATE: October 7th, 2010

LOCATION: Kaprielian Hall

ATTENDEES: BOARD MEMBERS: 3
MEMBERS: 9 TOTAL: 12

REPORT PREPARED BY: Justin Kwan

DESCRIPTION OF EVENT/PURPOSE:

- Final Design Meeting:
- Finalize the design of the Bridge
 - Finalize connections
 - Proposal of test projects for members in CE334
 - Begin solicitation for Steel Donations
 - Introduction to Lab Sessions/Tutorials

ACTIVITY ASSESSMENT:

SUCSESSES:

- The final design of the bridge was completed with no major conflicts or significant revisions.
- Moment connection issues has been resolved

PROBLEMS:

- Lack of funding will delay lab sessions
- Lack of steel donator will delay construction start date.

SPEAKER/SPEAKER CONTACT INFO:

Justin Kwan, Team Captain
Jarrid Summers, Co-Captain

PREPARATIONS:

SAP Model
Connection Diagrams

3RD General Meeting

With Hopper Engineering Associates

DATE: 10/12/10

LOCATION: KAP 144

ATTENDEES: BOARD MEMBERS: 9
MEMBERS: 12 TOTAL: 21

REPORT PREPARED BY:
Katie Hickey

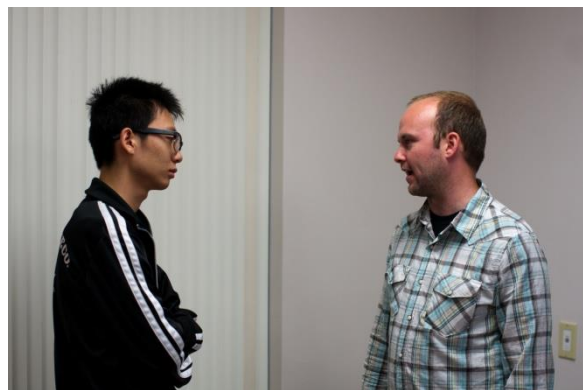


DESCRIPTION OF EVENT/PURPOSE: Speakers from Hopper Engineering Associates gave a presentation about the different work that their firm does, mostly specialty structural engineering work.

ACTIVITY ASSESSMENT: Extremely interesting speakers, definitely a different sort of engineering firm than we normally hear from. We ran out of lasagna, but there was plenty of salad left over.

SPEAKER/SPEAKER CONTACT INFO: Brian Hopper and JB Bowden.
(310) 373 5573

PREPARATIONS: Ordering food, reserving a room.



2010 ASCE National Conference

DATE: October 21st-23rd, 2010
LOCATION: Las Vegas, Nevada

ATTENDEES: BOARD MEMBERS : 6
MEMBERS: 0 TOTAL: 6
REPORT PREPARED BY: Oscar Rivera



DESCRIPTION OF ACTIVITY/PURPOSE: The 2010 National Conference consisted of numerous events and breakout sessions involving material which ranged from national sustainability issues to obtaining a job. Sessions such as “Vision 2025- Managers of Risk” and “The Global Impact of Civil Engineers” were excellent in presenting how civil engineering is relevant today and what the jobs of present and future civil engineers are. In addition to these sessions, our students were able to meet many other engineers of all ages from across the country, including President Caldwell and closing speaker John Foley.

ACTIVITY ASSESSMENT: We are proud to say that for the second year in a row we were able to send six members of the executive board to the Society’s national conference. It was an amazing experience for all of us who attended, giving each of us a chance to really grasp what civil engineering is about and what we may possibly be doing with our careers. In addition to networking with many well respected engineers from across the country, we also became close friends with the California Baptist University chapter and look forward to working with them in the future. At the end of the conference everyone was already excited for Memphis in 2011.

SUGGESTIONS FOR THE FUTURE: For future conferences, we hope to continue to bring at least six students and have perhaps members who are not a part of the executive board join as well-- specifically underclassmen. Obtaining funding for this trip was difficult and the process should begin sooner, especially since travel costs for going to Memphis will be significantly greater than Las Vegas.





Rebuilding Together: Greater LA

DATE: 10/23/2010

LOCATION: Compton, CA

ATTENDEES: BOARD MEMBERS: 2
MEMBERS: 0 TOTAL: 2

REPORT PREPARED BY:
Ben Rogowski



DESCRIPTION OF EVENT/PURPOSE: The purpose of this event was to help an elderly couple do some much needed repairs to their home. The husband was a 92-year-old World War II veteran, who had very limited mobility. Our group's main goal was to design and build a railing for the side door entrance so that the couple could safely go up the stairs without fear of falling. We also helped haul out old furniture and paint walls inside.

ACTIVITY ASSESSMENT: The railing was a complete success! We were very proud of the finished product and the couple was so grateful to finally be able to walk up the stairs and not worry about hurting themselves. There really were not any problems. Our team worked together well and got the job done.

SPEAKER/SPEAKER CONTACT INFO: N/A.

PREPARATIONS: N/A.

Fred Flintstone Bowling Night

DATE: 11/17/10

LOCATION: Shatto 39 Lanes,
Koreatown, Los Angeles

ATTENDEES: BOARD MEMBERS: 6
MEMBERS: 1 TOTAL: 7

REPORT PREPARED BY:
Katie Hickey

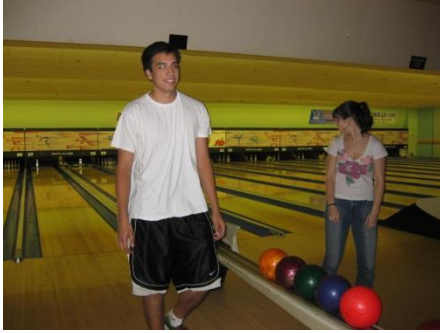


DESCRIPTION OF EVENT/PURPOSE: This was a social event design to help introduce new and old ASCE members to each other in a more casual setting than a general meeting and a fun night out to relax in the middle of the semester! We also hung out with a couple YMF members and got to know them a little bit better.

ACTIVITY ASSESSMENT: Everyone had a great time! Everyone had a blast bowling and we ended the night with a trip to an LA icon: the Flaming Taco taco truck. This is definitely an event we should repeat.

PREPARATIONS: Applying for funding through the USC Viterbi Student Council funds.





Canoe Paddling Practice

DATE: November 21,2010

LOCATION: Newport Aquatic Center

ATTENDEES: BOARD MEMBERS: 3
MEMBERS: 2 TOTAL: 5

REPORT PREPARED BY: Emily Ross

DESCRIPTION OF EVENT/PURPOSE:

The purpose was to practice paddling and get experience in the water before the conference and racing. We paddled all the way the down the river to the bridge and then fought the current upstream,. We ended the practice by practicing a couple turns.

ACTIVITY ASSESSMENT:

We didn't have very good turnout, but everyone who came put forth a good effort and had a good time. However, one boat turned too quickly, which combined with the current, nearly forced them to turn over. After practice we went to In N Out for lunch, which everyone enjoyed.

PREPARATIONS: Find drivers and bring life jackets.

Steel Shipment Relocation

DATE: December 2nd, 2010

LOCATION: Kaprielian Hall

ATTENDEES: BOARD MEMBERS: 2
MEMBERS: 4 TOTAL: 6

REPORT PREPARED BY: Justin Kwan

DESCRIPTION OF EVENT/PURPOSE:
Move Steel Shipment from loading bay to work bench

ACTIVITY ASSESSMENT:

SUCCESSSES:

-Enough members to move steel quickly and safely.

PROBLEMS:N/A

SPEAKER/SPEAKER CONTACT INFO:

Justin Kwan, Team Captain
Jarrid Summers, Co-Captain

PREPARATIONS:

Safety equipment for all participating members.

ASCE Holiday Party

DATE: 12/3/10

LOCATION: Social Chair's house

ATTENDEES: BOARD MEMBERS: 5
MEMBERS: 8 TOTAL: 19

REPORT PREPARED BY:
Lisa Okamoto



DESCRIPTION OF EVENT/PURPOSE:

We wanted to create a fun environment where ASCE members and other engineers can get to know each other. We made graham cracker holiday houses, drank hot apple cider and watched holiday movies.

ACTIVITY ASSESSMENT:

We had a good turnout but would have hoped for a larger ASCE member presence. There was a good amount of supplies but space for holiday house making was limited. Overall everyone had a great time though.

SPEAKER/SPEAKER CONTACT INFO: N/A

PREPARATIONS: We had to go get supplies for the graham cracker houses, this included candy frosting and graham crackers. We also had to make the apple cider.



PSWC Information Sessions

DATE: December 6 and 7, 2010

LOCATION: Kaprelian Hall Lobby

ATTENDEES: BOARD MEMBERS: 9
MEMBERS: 22 TOTAL: 31

REPORT PREPARED BY: Kristen Scudder

DESCRIPTION OF EVENT/PURPOSE:

On December 6 and 7, 2010 we held two information sessions for those interested in attending the annual ASCE Pacific Southwest Conference (PSWC). The purpose was



to inform those who were not already involved about the conference and fill everyone in on upcoming events in preparation. We covered the different events that will be held at PSWC and how everyone can get involved with the many teams. This was also the meeting where we introduced our application process for attending PSWC as we have a cap on how many people we can afford to take as an organization. All attendees will be required to not only be USC ASCE members and attend design team meetings but to also put in at least 5 service hours for ASCE. Applications will be accepted based on involvement measured by hours.

ACTIVITY ASSESSMENT:

There were around 15 people at each information meeting and our total attendee list came to 31. Our goal as an organization was to bring 40 people to the conference this year, so we will continue advertising and making sure we reach all those who are interested.

PREPARATIONS:

An information sheet was prepared that listed the events in PSWC.

Attachment E

**Special
Report**



Projects

Special Projects Report Cover Sheet

ATTACHMENT E – SPECIAL PROJECTS REPORT

Project Title: National Academy of Engineering Grand Challenges Summit 2010 K-12 Activity

Project Participation (Number of people who worked on the project):

Students: 6 students

Faculty (incl. Faculty Advisor): None in attendance

Practitioners (incl. Practitioner Advisor): Not in attendance

Total Person-Hours Spent on the Project: 5

Percent of ASCE Student Organization Membership That Worked on the Project: 10%

Was course or curriculum credit earned for this project? No

Project Abstract:

Two different projects were initiated where 6th-8th Graders visited the University of Southern California to participate in competitions. They were prepped with information about the projects, with key details left out to provide the engineering challenge for that day. Groups of 4-5 middle school student and 1-2 college student(s) paired to the team, were separated resulting in about 7-8 groups for each competition. The competitions were Water Filtration, relating to the Engineering Grand Challenge of providing access to clean water, and the Lego Competition, relating to the Challenge of Restoring and improving Urban Infrastructure. Each competition involved a set amount of tools, which the students could use to create their final product.

The competitions were timed and judged based on rubrics set by the student committee and given to Judges, which patrolled the competition and selected the final winner, based on a mini presentation and the final produced project. Half of the Student Committee in charge of the planning of the day involved members from USC's ASCE student chapter. Continually, many of the mentors and judges were volunteers from our ASCE.

Goals and assessment: The physical competition goal of water filtration was to end up with the cleanest water. The goal of the Urban Infrastructure was to create the most well thought out, planned city. The underlying goal of this project was to raise awareness and excite middle school student about engineering. The experience was made to inspire innovative thinking among young students and to show them the significance of engineering in our society. The goal was reached as the students, both middle school and college, worked to produce the best results with the limited tools. College students were prepped and informed on the Grand Challenges. Overall, the students had fun working on projects with their "Mentors," the college students assigned to their groups, producing projects that were outstanding.

Engineering component: Each competition is addressed separately. For the Lego Competition, Mentors and middle school students were required to draw out an innovative plan for a community, including as fire stations, hospital and power plants. Every consideration was given a point value and the judges (also college students) chose the winner accordingly. Innovative thinking and city planning were required, since limited space and Legos were given.

Project impact: While many members were impacted by the Middle School Activity, the purpose was to impact local middle school children and teach them about the challenges that face engineers in the coming years, inspiring them to look into engineering as a future area of study. Many of the students had not heard of Grand Challenges before the activity, after the activity both college and middle school students held a deep knowledge of the Grand Challenges understanding the significance of engineering in our society.

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Pictures 2 following pages



Urban Infrastructure/Lego Competition Winners



Middle School Students Presenting Water Filtration



Dean Yortsos Addressing students shortly after competition finished

Special Projects Report Cover Sheet

ATTACHMENT E – SPECIAL PROJECTS REPORT

Project Title: Rebuilding Together

Project Participation (Number of people who worked on the project):

Students:	<u>2 students</u>
Faculty (incl. Faculty Advisor):	<u>None in attendance</u>
Practitioners (incl. Practitioner Advisor):	<u>Not in attendance</u>

Total Person-Hours Spent on the Project: 5

Percent of ASCE Student Organization Membership That Worked on the Project: 3%

Was course or curriculum credit earned for this project? No

Project Abstract:

Oct. 23rd 2010 Rebuilding Together is a non-profit organization dedicated to providing safe homes for elderly, disabled, and veterans with low income households, living in unhealthy conditions. Through Rebuilding Together, many homeowners have had their homes modified and fixed so that they repaired to a healthy manner. Unfortunately, their event was held the same day as one of the days of the national conference, meaning many of our members were out of town. Our members take part in the light construction to repair the homes of preselected households.

Goals and assessment: The goal of Rebuilding Together is to provide local Los Angeles residents with clean, reliable homes through the rebuilding of their damaged and deteriorating structures. The goal of presenting this opportunity to our members was to offer an opportunity to instill community outreach and dedication to those in need. This project also aids the development of teamwork skills essential to success professionally. Assessing the project, our members did in fact practice teamwork abilities in an ethical manner, proving successful.

Engineering component: Every project requires engineering knowledge and redesign to ensure the safety for the residents. Although our students were not involved in this process, they were involved in the reconstruction of the home, which offers a deeper insight into the field of construction. Continually, basic knowledge of project management and dedication to the community, along with a growth in ethics ideals allowed our members to develop a healthier mentality, for their futures as engineers.

Project impact: The project produced safe, stable residence for local Los Angeles residents. Along with the growth of our members as individuals, the local community directly benefited from the project produced by Rebuilding Together.

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Special Projects Report Cover Sheet

ATTACHMENT E – SPECIAL PROJECTS REPORT

Project Title: USC Engineering Week – Concrete Bowling

Project Participation (Number of people who worked on the project):

Students:	<u>10 students members; 20 non-members</u>
Faculty (incl. Faculty Advisor):	<u>1</u>
Practitioners (incl. Practitioner Advisor):	<u>Not in attendance</u>

Total Person-Hours Spent on the Project: 5

Percent of ASCE Student Organization Membership That Worked on the Project: 16%

Was course or curriculum credit earned for this project? No

Project Abstract: Feb. 16th 11am – 4 pm USC ASCE developed and ran the Concrete bowling competition for students to participate in. Engineering week acts to enlighten and inspire students in the engineering field, and to teach those outside the engineering field about the innovations, needs, and creativity involved in engineering. The first day at USC is celebrated with a Carnival Kick Off, where our student chapter hosted Concrete bowling for student to participate in.

Goals and assessment: The purpose of concrete bowling was to offer a fun activity to serve as an opportunity for networking and an opportunity for all students to get to know the student organizations, and their purpose. This project aims to expose all students specifically to civil engineering. Assessing the success of our project, we have found it to be very successful as many students stopped by the booth to participate. Increased awareness of civil engineering resulted from the project.

Engineering component: Bowling with concrete offers insight of engineering students into the potential for concrete specifically, and the potential uses of different materials. Through correct design, many materials may be used for previously thought inapplicable means. Innovative engineering can change everything.

Project impact: This activity helps explain the logical process behind the innovative thinking needed in engineering. Students outside of civil engineering and our members were capable of seeing the significance of civil engineering in the world. Through networking our members were able to continually describe the importance of civil engineering, opportunities to get involved, and collaborating opportunities for our own members.

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Attachment F



Financial Statement

ATTACHMENT F – FINANCIAL STATEMENT SUMMARY

INCOME

1. Local Membership Dues		
Spring 2010	(11 members @ \$30/member)	<u>\$330</u>
Fall 2010	(41 members @ \$30/member)	<u>\$1230</u>
Spring 2010	PSWRC Fees	<u>\$4000</u>
2. Allocation from University		<u>N/A</u>
Any allocations from the University were handled by USC and the funds never released directly to our organization		
3. Donations from sponsors		
Ms. Jacqueline Patterson, J.L. Patterson & Associates, Orange, CA		<u>\$3515</u>
Mr. John Fenton, Metrolink, Los Angeles, CA		<u>\$1500</u>
Mr. Mark Aden, DCI Engineers, Spokane, WA		<u>\$200</u>
Metropolitan Los Angeles Branch		<u>\$1800</u>
4. Other Fundraisers		
N/A		<u>N/A</u>
Total Income:		<u>\$12575.00</u>

EXPENSES

1. Professional Meetings		
Food and Beverages		<u>\$1297.15</u>
Printing		<u> </u>
2. Attendance at WSCL		
Airfare/mileage		<u>N/A</u>
Lodging		<u> </u>
Food		<u> </u>
3. Competitions		
Competition: <u>PSWRC</u>		
UHaul Rental		<u>\$1304.07</u>
T-Shirts		<u>\$1140.17</u>
4. Conference Participation - PSWRC		
Registration (40 students @ \$100/ student):		<u>\$3125</u>
School Registration		<u>\$200.00</u>
Airfare/Mileage		<u> </u>
Lodging		<u> </u>
5. Conference Participation – ASCE National Conference		
Lodging		<u>\$736.96</u>
6. Conference Participation – Concrete Canoe National Conference – Spectator		
Registration (3 students @ \$80/ student)		<u>\$240.00</u>

Lodging	<u>\$232.56</u>
6. Special Projects	
Project: <u>Sponsorship Packets</u>	
Materials and supplies	<u>\$144.62</u>
Travel	<u>\$188.49</u>
Other (specify)	<u>N/A</u>
	Total Expenses: <u>\$8609.02</u>
	Cash Balance (Income – Expenses): <u>\$3965.98</u>
Accounts Payable	<u>N/A</u>
Accounts Receivable	
Reimbursement for ASCE National Conference Scholarship – MLAB YMF	<u>\$736.96</u>