



american society of civil engineers

university of southern california chapter

ASCE



# 2011 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 2011 year, the student chapter of the American Society of Civil Engineers at the University of Southern California continued on working towards 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 2011.

USC ASCE had a subpar performance at the Pacific South West Conference in March, placing 12<sup>th</sup> overall out of 17 universities. Our Concrete Canoe team was unable to produce a canoe as it broke during construction. The team still competed in the academic portions of the competition and managed to place second to last, beating a team with a canoe. The Steel Bridge team was disqualified for the third year in a row, while they fixed their mistakes from previous years; they were unable to pass the lateral load test. Unlike past years, many of the students did not have an enjoyable experience at conference. This was in large part due to the conference's close proximity to our campus and demoralizing performances from our design teams.

During the fall of 2011, USC ASCE began to get back on its feet. While the transition of officers took much longer than anticipated, once each Executive Board member had their duties and goals we were able to start doing our jobs. Realizing that this had become a rebuilding year, the new leadership put all their efforts into member recruitment, involvement, and retention.

USC ASCE hosted a general meeting with food twice per month throughout the semester, an activity that is continually being improved upon each year. Our members are a valuable asset to our organization, and we would like to be an asset to our members as well, which is why we create opportunities for them 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,

Oscar Rivera  
President, USC ASCE

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**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](mailto:uscasce@usc.edu)

ASCE Student Organization web site: [www.uscasce.com](http://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:

\_\_\_\_\_  
(Katie Wilson)  
Secretary of ASCE Student Organization

\_\_\_\_\_  
(Oscar Rivera)  
President of ASCE Student Organization

\_\_\_\_\_  
(Oscar Rivera)  
President of ASCE Student Organization

\_\_\_\_\_  
(Gregg Brandow, P.E.)  
Faculty Advisor

\_\_\_\_\_  
Date

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

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

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## 1. ADVISOR INFORMATION

|   |   |
|---|---|
| Faculty Advisor Name:                       | <u>Prof. Gregg Brandow, P.E.</u>                            |
| Faculty Advisor ASCE Member Number:         | <u>163115</u>   |
| Faculty Advisor E-mail Address:             | <u><a href="mailto:Brandow@usc.edu">Brandow@usc.edu</a></u> |
| Faculty Advisor Phone Number:               | <u>213-740-1040</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 2011, listed by dates of office

|                                |                        |
|--------------------------------|------------------------|
| From: January 2011             | To: April 2011         |
| President                      | <u>Katie Hickey</u>    |
| Vice President                 | <u>Sara Justin</u>     |
| Secretary                      | <u>Theresa Kurth</u>   |
| Treasurer                      | <u>Luciano Nunez</u>   |
| PSWC Co-Chairs                 | <u>Kristen Scudder</u> |
|                                | <u>Dung Huong</u>      |
| Canoe Co-Captains              | <u>Sam Levy</u>        |
|                                | <u>Oscar Rivera</u>    |
|                                | <u>Emily Ross</u>      |
| Bridge Co-Captains             | <u>Justin Kwan</u>     |
|                                | <u>Jarrid Summers</u>  |
| Environmental Captain          | <u>Kirsten Rice</u>    |
| Historian/Communications Chair | <u>Thomas Palmieri</u> |
| Social Chair                   | <u>Lisa Okamoto</u>    |



#### 4. IMPORTANT CONTACTS

| Contact Name           | Phone/E-mail   | Mailing Address  | Comments   |
|------------------------|--|--|--|
| Lucio Soibelman        | 213-740-0608<br><a href="mailto:soibelman@usc.edu">soibelman@usc.edu</a>                       | 3620 S. Vermont Ave<br>Los Angeles, CA 90089               | Civil Engineering Department<br>Chair  |
| Danielle Elkins        | 213-228-8262<br><a href="mailto:Danielle.Elkins@ch2m.com">Danielle.Elkins@ch2m.com</a>         | 100 Wilshire Blvd.<br>21st Floor Los Angeles,<br>CA 90017  | Ch2M Hill Engineer & Former<br>President of ASCE   |
| Julian Garcia, P.E.    | 310-508-6183<br><a href="mailto:JUGARCIA@dpw.lacounty.gov">JUGARCIA@dpw.lacounty.gov</a>       | 952 Cypress St. #6 El<br>Segundo, CA 90245                 | Practitioner Advisor   |
| Paul Garcia            | 559-916-9141<br><a href="mailto:Paulmichael.garcia@gmail.com">Paulmichael.garcia@gmail.com</a> | 100 Wilshire Blvd.<br>21st Floor Los Angeles,<br>CA 90017  | CH2MHill<br>MLAB YMF Contact   |
| Lance Hill             | 213-740-0599<br><a href="mailto:lhill@usc.edu">lhill@usc.edu</a>                               | 3620 S. Vermont Ave.<br>Los Angeles, CA 90089              | Lab Director   |
| Gregg Brandow,<br>P.E. | 213-740-1040<br><a href="mailto:brandow@usc.edu">brandow@usc.edu</a>                           | 3620 S. Vermont Ave.<br>Los Angeles, CA 90089              | Faculty Advisor  |
| Julia Moye             | 213-483-4623<br><a href="mailto:julia.moye@lacity.org">julia.moye@lacity.org</a>               | 1149 S. Broadway St.<br>Suite 810 Los Angeles,<br>CA 90015 | Civil Engineering Associate  |
| Farzad Naiem, S.E.     | 213-483-6490<br><a href="mailto:farzad@johnmartin.com">farzad@johnmartin.com</a>               | 1212 S. Flower Street<br>Los Angeles, CA 90015             | Serves as a link between USC<br>ASCE and industry sponsors.  |
| Don Sepulveda,<br>P.E. | 213-593-8401<br><a href="mailto:dsepulveda@hntb.com">dsepulveda@hntb.com</a>                   | 707 Wilshire Blvd<br>Suite 3300 Los Angeles,<br>CA 90017   | Provides feedback for student<br>work and organizational<br>publications such as the Annual<br>report. |



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## **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 2011 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 2012.
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 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 2012 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

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to student involvement, time management and the role of ASCE on the lives of its members.

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 2012.
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 2011, 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 2012.
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 2011, 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 2011, however some events conflicted with scheduled classes and our students were unable to attend. We hope to plan some joint events with MLAB in 2012.
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.

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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 2011 largely due to the time crunch at the end of spring semester. For 2012 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 2012.

### **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 2011, USC ASCE sent 2 members to the Workshop for Student Chapter Leaders in Costa Mesa, CA. Furthermore, we have budgeted to send 4 students to the 2012 workshop in Portland, OR.
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 Memphis, Tennessee 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 2012 conference in Montreal, Quebec.

### **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 2011 our membership represented 25% of the total civil engineering undergraduate class. The benchmarks to achieve 75% over the next 3 years require us to increase our membership by 15% in 2012 to represent a total of 40% of the undergraduate class. As

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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 2011 USC ASCE increased our freshmen membership to eight regularly participating freshmen (in 2010 we had six). Through the early months of 2012, 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 2012 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 2010 to 2011 USC ASCE retained 90% of its members from the class of 2013. Furthermore, we increased involvement in the class of 2012 by 40% on top of the 100% retention of those members. The 2011 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 2012 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

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- 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 had a disappointing year due to lack of leadership and experience. We were unable to participate in the canoe events after having problems with our concrete mix. We are working on these issues for 2012 and expect a much better performance.
    - Steel Bridge unfortunately was disqualified at the 2011 PSWRC for not passing the lateral loading tests. However, every other aspect of the bridge was exemplary. We improved from not completing the bridge in the allotted time in 2010 to having the third best time. We expect to build on this success in 2012 by paying more attention to details. As with years past, the bridge design for the 2011 PSWC consumed most of the spring 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 two of this five year plan, our goal is to make it into the top 5 overall at the Pacific Southwest Regional Conference. In 2011 USC placed 11<sup>th</sup> 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.

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### **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<br>(Number of Jr. & Sr. with CE declared major; average over the year) | 141       |
| Total number of Juniors & Seniors in your ASCE Student Organization:<br>(Average over the year)                                | 27        |
| Number of members of your ASCE Student Organization:<br>(Average over the year)  | 46        |
| Number of ASCE Student Organization members who are<br>Society-level ASCE Student Members:                                     | 16        |
| <b><u>Statistical information:</u></b>   |           |
| (Total Jr. & Sr. ASCE Student Organization Members) ÷ (Total Jrs. & Srs. Eligible)   | 0.19      |
| (Total Society-level Student Members) ÷ (Total Local Student Members)  | 0.35      |

*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<br>(Use abbreviations below; list all that apply.) | Program<br>(Briefly describe program. Include name of speaker if applicable.) | Attendance |         |                 |                         |       |
|---------------|--|---|------------|---------|-----------------|-------------------------|-------|
|               |  |   | Students   | Faculty | Faculty Advisor | Practitioner Advisor(s) | Other |
| 1/11          | OP   | Weekly Officers' Planning Meeting   | 12         |         |                 |                         |       |
| 1/11          | OP   | PSWC Information Meeting  | 21         |         |                 |                         |       |
| 1/14          | OP   | Concrete Canoe Team – Pouring of canoe  | 8          |         |                 |                         |       |
| 1/15          | FT   | Rebuilding Together Community Service Event                                   | 3          |         |                 |                         |       |
| 1/18          | OP   | Weekly Officers' Planning Meeting   | 10         |         |                 |                         |       |
| 1/21          | OP   | Steel Bridge Team – Starting construction                                     | 6          |         |                 |                         |       |
| 1/23          | PM   | USC ASCE General Meeting with AECOM   | 23         |         |                 |                         |       |
| 1/24          | OP   | Weekly Officers' Planning Meeting   | 9          |         |                 |                         |       |
| 1/31          | OP   | Weekly Officers' Planning Meeting   | 10         |         |                 |                         |       |

|             |        |   |    |   |   |  |  |
|-------------|--------|---|----|---|---|--|--|
| 2/5         | FT, SF | Hollywood Sign Hike   | 9  |   |   |  |  |
| 2/7         | OP     | Weekly Officers' Planning Meeting                                       | 8  |   |   |  |  |
| 2/11 – 2/12 | PM     | Workshop for Student Chapter Leaders                                    | 2  |   |   |  |  |
| 2/12        | OP     | Concrete Canoe Team – Pouring of canoe                                  | 7  |   |   |  |  |
| 2/14        | OP     | Weekly Officers' Planning Meeting                                       | 7  |   |   |  |  |
| 2/18        | FT     | ASCE MLAB YMF 17 <sup>th</sup> Annual Popsicle Stick Bridge Competition | 12 | 2 |   |  |  |
| 2/27        | OP     | Viterbi Student Council Meeting   | 2  |   |   |  |  |
| 2/29        | FT     | Beach Clean-up Community Service Event                                  | 5  |   |   |  |  |
| 3/7         | OP     | Weekly Officers' Planning Meeting                                       | 8  |   |   |  |  |
| 3/7         | OP     | PSWC Information Meeting  | 30 |   |   |  |  |
| 3/21        | OP     | Weekly Officers' Planning Meeting                                       | 8  |   |   |  |  |
| 3/24-26     | PM, FT | Pacific Regional South West Conference                                  | 35 | 1 | 1 |  |  |
| 3/28        | OP     | Weekly Officers' Planning Meeting                                       | 9  |   |   |  |  |
| 3/31        | PM     | 2011 OPAL Awards Gala   | 1  |   |   |  |  |



|      |    |   |     |   |   |  |  |
|------|----|---|-----|---|---|--|--|
| 4/21 | PM | USC Construction Management Symposium     | 11  | 4 |   |  |  |
| 8/24 | OP | USC ASCE General Meeting                  | 32  |   |   |  |  |
| 8/31 | OP | Weekly Officers' Planning Meeting         | 11  |   |   |  |  |
| 9/6  | PM | President Hermann Lecture                 | 120 | 8 | 1 |  |  |
| 9/7  | OP | Weekly Officers' Planning Meeting         | 8   |   |   |  |  |
| 9/7  | OP | First Steel Bridge Design Meeting         | 14  |   |   |  |  |
| 9/7  | PM | USC ASCE General Meeting with Reid Keller | 26  |   |   |  |  |
| 9/11 | OP | Steel Bridge Team – Designing of cabinet  | 5   |   |   |  |  |
| 9/14 | OP | Weekly Officers' Planning Meeting         | 8   |   |   |  |  |
| 9/14 | OP | Steel Shipment Relocation                 | 4   |   |   |  |  |
| 9/18 | FT | Beach Clean-up Community Service Event    | 4   |   |   |  |  |
| 9/21 | OP | Concrete Canoe Team – Information session | 10  |   |   |  |  |
| 9/21 | OP | Weekly Officers' Planning Meeting         | 8   |   |   |  |  |
| 9/22 | OP | Concrete Canoe Team – Information session | 14  |   |   |  |  |

|               |        |  |    |  |  |  |  |
|---------------|--------|--|----|--|--|--|--|
| 9/22          | OP     | PSWC 2013 Committee Meeting                  | 9  |  |  |  |  |
| 9/24          | OP, SF | Officers' Retreat                            | 12 |  |  |  |  |
| 9/28          | OP     | Weekly Officers' Planning Meeting            | 8  |  |  |  |  |
| 9/30          | OP     | PSWC 2013 Committee Meeting                  | 8  |  |  |  |  |
| 10/2          | FT     | Concrete Canoe Paddling Practice             | 6  |  |  |  |  |
| 10/5          | OP     | Weekly Officers' Planning Meeting            | 8  |  |  |  |  |
| 10/6          | PM     | USC ASCE General Meeting with Carlos Morgner | 19 |  |  |  |  |
| 10/7          | FT, SF | Beach Bonfire                                | 10 |  |  |  |  |
| 10/9          | FT, SF | Officers' Retreat to Six Flags               | 9  |  |  |  |  |
| 10/12         | OP     | Weekly Officers' Planning Meeting            | 9  |  |  |  |  |
| 10/14         | PM     | Steel Bridge Design Meeting                  | 9  |  |  |  |  |
| 10/18         | OP     | Concrete Canoe Concrete Mix Creation         | 3  |  |  |  |  |
| 10/19 – 10/22 | PM, FT | ASCE National Conference                     | 6  |  |  |  |  |
| 10/26         | OP     | Weekly Officers' Planning Meeting            | 8  |  |  |  |  |

|       |    |  |    |  |  |  |  |
|-------|----|--|----|--|--|--|--|
| 10/27 | OP | PSWC Committee Meeting                   | 7  |  |  |  |  |
| 11/2  | PM | USC ASCE General Meeting with Pat Fuscoe | 17 |  |  |  |  |
| 11/2  | OP | Weekly Officers' Planning Meeting        | 9  |  |  |  |  |
| 11/3  | OP | Concrete Canoe Team – Bonding meeting    | 12 |  |  |  |  |
| 11/3  | OP | Steel Bridge Team – Lab tour             | 8  |  |  |  |  |
| 11/9  | OP | Weekly Officers' Planning Meeting        | 11 |  |  |  |  |
| 11/3  | OP | Concrete Canoe Team – Lab Tour           | 5  |  |  |  |  |
| 11/16 | OP | Weekly Officers' Planning Meeting        | 6  |  |  |  |  |
| 11/17 | OP | Viterbi Design Team Meeting              | 3  |  |  |  |  |
| 11/18 | PM | Student Round-up                         | 3  |  |  |  |  |
| 11/18 | OP | Steel Bridge Design Meeting              | 10 |  |  |  |  |
| 11/20 | OP | Discover USC                             | 4  |  |  |  |  |
| 12/2  | SF | ASCE Holiday Party                       | 15 |  |  |  |  |

Meeting

Abbreviation    Statistical Information:

|    |   |    |
|----|---|----|
| PM | Number of Professional Meetings (business & technical presentation):          | 12 |
| PP | Number of student talks or Paper Presentations at ASCE Student Org. meetings: | 0  |
| PC | Number of meeting with Professional Conduct (Licensure/Ethics) programs:      | 0  |
| FT | Number of ASCE Student Org. sponsored Field Trips:                            | 10 |
| SF | Number of ASCE Student Org. sponsored Social Functions:                       | 5  |
| OP | Number of Officers' or Planning Meetings                                      | 43 |

Statistical Information:

Average attendance at 10 most populated ASCE Student Org. meetings: 33.8  
(if fewer than 10 meetings were held, average all meetings)

(Average attendance) ÷ (Total student ASCE Student Org. members) = 0.73

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 |
|-------------|--|----------------------------|----------------------------|---------------------------|
| 3/11        | Sheraton Universal Hotel, Universal City, CA | YMF Student Night Job Fair | 2                          | >100                      |
| 3/31        | Gaylord National Hotel, Washington DC        | OPAL Awards Gala           | 1                          | >100                      |
| 10/19-10/22 | Memphis, Tennessee                           | 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 6

## **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: 6

Name of Conference: Student Round-up 2011

Location: UCLA

Dates: 11/18/11

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: 2

Advisors (Faculty and/or Practitioner): 1

Location: Costa Mesa, CA

Date: 2/11-2/12/10

### **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   |
|---------|------------------------------|--|------------------------------------|--|
| 9/7/11  | Oscar Rivera                 | Funding Request and Summary of Activities      | David M. Wilson                    | USC University Club                                |
| 9/16/11 | Oscar Rivera & Theresa Kurth | Planning the Pacific Southwest Conference 2013 | Senior Associate Dean Louise Yates | Viterbi School of Engineering main conference room |

**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: Emily Ross  
 Paper Title: Ethical Issues behind the American Society of Civil Engineer’s Report Card for America’s Infrastructure

**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: Memphis, Tennessee  
 Dates: October 19-22, 2011

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

| Activity Date | Collaborating Organizations   | Program<br>(Briefly describe program.)   | Attendance    |                |                                  |       |
|---------------|---|--|---------------|----------------|----------------------------------|-------|
|               |   |  | ASCE Students | Other students | Faculty or Practitioner Advisors | Other |
| 9/15/11       | ASCE, CMAA, Chi Epsilon, ASBME, ASME, SGT, ADT, SC Racing, Rocket Lab, Underwater Robotic, EKN, SWE, SHPE, TBP, IEEE, PTS, EWB, CED, NSBE, NOBE | Viterbi President’s Council meetings which occur monthly to collaborate on school wide issues as well as individual organizational issues. | 2             | 38             | 0                                | 2     |
| 10/8/11       | ASCE, ADT, SC Racing, Rocket Lab, Underwater Robotics   | Engineering design team event to collaborate on “best practices” and get to know each other  | 8             | 24             | 0                                | 0     |

**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: 2011

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

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## Attachment A



## Membership Lists

## Local Student Organization Membership List

| <u>Name</u>            | <u>Member Position</u>                                       | <u>Email Address</u>   | <u>Expected Graduation Date</u> |
|------------------------|--|--|---------------------------------|
| Alsalem, Loay          | Social Co-Chair  | <a href="mailto:lalsalem@usc.edu">lalsalem@usc.edu</a>                   | 5/13                            |
| Brace, Channing        | General Member   | <a href="mailto:brace@yahoo.com">brace@yahoo.com</a>                     | 5/13                            |
| Dana, Omar             | Fundraising Chair  | <a href="mailto:odana@usc.edu">odana@usc.edu</a>                         | 5/13                            |
| DeBarros, Joao         | Social Co-Chair  | <a href="mailto:jdebarro@usc.edu">jdebarro@usc.edu</a>                   | 5/13                            |
| Delgadillo, Jorge      | General Member   | <a href="mailto:jorgedel@usc.edu">jorgedel@usc.edu</a>                   | 5/14                            |
| Hagedorn, Morgan       | General Member   | <a href="mailto:morgan.hagedorn@gmail.com">morgan.hagedorn@gmail.com</a> |                                 |
| Hermle, Jake           | Concrete Canoe Co-Captain/Historian/<br>Communications Chair | <a href="mailto:hermle@usc.edu">hermle@usc.edu</a>                       | 5/14                            |
| Hernandez, Fausto      | General Member   | <a href="mailto:faustohe@usc.edu">faustohe@usc.edu</a>                   | 5/15                            |
| Hsieh, Aaron Wai Kit   | General Member   | <a href="mailto:aaronwah@usc.edu">aaronwah@usc.edu</a>                   | 5/13                            |
| Huong, Daniel          | General Member   | <a href="mailto:daniel5410@yahoo.com">daniel5410@yahoo.com</a>           | 5/15                            |
| Jin, Zheng (Steven)    | General Member   | <a href="mailto:zhengjin@usc.edu">zhengjin@usc.edu</a>                   | 5/13                            |
| Lau, Roberta           | Environmental Co-Captain                                     | <a href="mailto:laurober@usc.edu">laurober@usc.edu</a>                   | 5/12                            |
| Lau, Rosa              | Environmental Co-Captain                                     | <a href="mailto:rosalau@usc.edu">rosalau@usc.edu</a>                     | 5/14                            |
| Levy, Samuel           | General Member   | <a href="mailto:samueljl@usc.edu">samueljl@usc.edu</a>                   | 5/13                            |
| Liu, Benjamin          | General Member   | <a href="mailto:benjamcl@usc.edu">benjamcl@usc.edu</a>                   | 5/15                            |
| Lu, Shentong (Patrick) | General Member   | <a href="mailto:shentonl@usc.edu">shentonl@usc.edu</a>                   | 5/13                            |
| Kahn, Erin             | Concrete Canoe Co-Captain                                    | <a href="mailto:erinkahn@usc.edu">erinkahn@usc.edu</a>                   | 5/13                            |
| Kurth, Theresa         | Vice President   | <a href="mailto:tkurth@usc.edu">tkurth@usc.edu</a>                       | 5/13                            |
| Nguyen, Vincent        | General Member   | <a href="mailto:vincenkn@usc.edu">vincenkn@usc.edu</a>                   | 5/15                            |
| Palmieri, Thomas       | Steel Bridge Co-Captain/PSWC Co-Chair                        | <a href="mailto:tpalmier@usc.edu">tpalmier@usc.edu</a>                   | 5/13                            |
| Paschoal, Thomaz       | Treasurer  | <a href="mailto:paschoal@usc.edu">paschoal@usc.edu</a>                   | 5/13                            |
| Pochowski, Laura       | General Member   | <a href="mailto:pochowsk@usc.edu">pochowsk@usc.edu</a>                   | 5/13                            |
| Portillo Jr., Ricardo  | General Member   | <a href="mailto:portillr@usc.edu">portillr@usc.edu</a>                   | 5/15                            |
| Rivera, Oscar          | President  | <a href="mailto:riverame@usc.edu">riverame@usc.edu</a>                   | 5/13                            |
| Rodriguez, Estevan     | General Member   | <a href="mailto:estevanr@usc.edu">estevanr@usc.edu</a>                   | 5/13                            |
| Rudolph, Jacob         | General Member   | <a href="mailto:jrudolph@usc.edu">jrudolph@usc.edu</a>                   | 5/13                            |
| Sproul, Baillie        | General Member   | <a href="mailto:bsproul@usc.edu">bsproul@usc.edu</a>                     | 5/12                            |
| Su, Rongcan (RC)       | General Member   | <a href="mailto:rongcans@usc.edu">rongcans@usc.edu</a>                   | 5/13                            |
| Totoris, Chase         | General Member   | <a href="mailto:totoris@usc.edu">totoris@usc.edu</a>                     | 5/15                            |
| Tran, Charlie          | PSWC Co-Chair  | <a href="mailto:charliet@usc.edu">charliet@usc.edu</a>                   | 5/13                            |
| Ung, Jhumann           | Steel Bridge Co-Captain                                      | <a href="mailto:jhumannu@usc.edu">jhumannu@usc.edu</a>                   | 5/13                            |
| Wilson, Katherine      | Secretary  | <a href="mailto:katheraw@usc.edu">katheraw@usc.edu</a>                   | 5/13                            |



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## Society Level Membership List

| <u>Name</u>           | <u>National ID Number</u> | <u>Email Address</u>   | <u>Grad Date</u> |
|-----------------------|---------------------------|--|------------------|
| Brace, Channing       | 9092205                   | <a href="mailto:brace@yahoo.com">brace@yahoo.com</a>           | 5/13             |
| Dana, Omar            | 1007647                   | <a href="mailto:odana@usc.edu">odana@usc.edu</a>               | 5/13             |
| Hermle, Jake          | 1015692                   | <a href="mailto:hermle@usc.edu">hermle@usc.edu</a>             | 5/14             |
| Huong, Daniel         | 9115582                   | <a href="mailto:daniel5410@yahoo.com">daniel5410@yahoo.com</a> | 5/15             |
| Lau, Rosa             | 995179                    | <a href="mailto:rosalau@usc.edu">rosalau@usc.edu</a>           | 5/14             |
| Levy, Samuel          | 950680                    | <a href="mailto:samueljl@usc.edu">samueljl@usc.edu</a>         | 5/13             |
| Kurth, Theresa        | 1013859                   | <a href="mailto:tkurth@usc.edu">tkurth@usc.edu</a>             | 5/13             |
| Paschoal, Thomaz      | 996759                    | <a href="mailto:paschoal@usc.edu">paschoal@usc.edu</a>         | 5/13             |
| Portillo Jr., Ricardo | 9114710                   | <a href="mailto:portillr@usc.edu">portillr@usc.edu</a>         | 5/15             |
| Rivera, Oscar         | 955849                    | <a href="mailto:riverame@usc.edu">riverame@usc.edu</a>         | 5/13             |
| Totoris, Chase        | 9113880                   | <a href="mailto:totoris@usc.edu">totoris@usc.edu</a>           | 5/15             |
| Ung, Jhumann          | 1016532                   | <a href="mailto:jhumannu@usc.edu">jhumannu@usc.edu</a>         | 5/13             |
| Wilson, Katherine     | 1017060                   | <a href="mailto:katheraw@usc.edu">katheraw@usc.edu</a>         | 5/13             |

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## 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

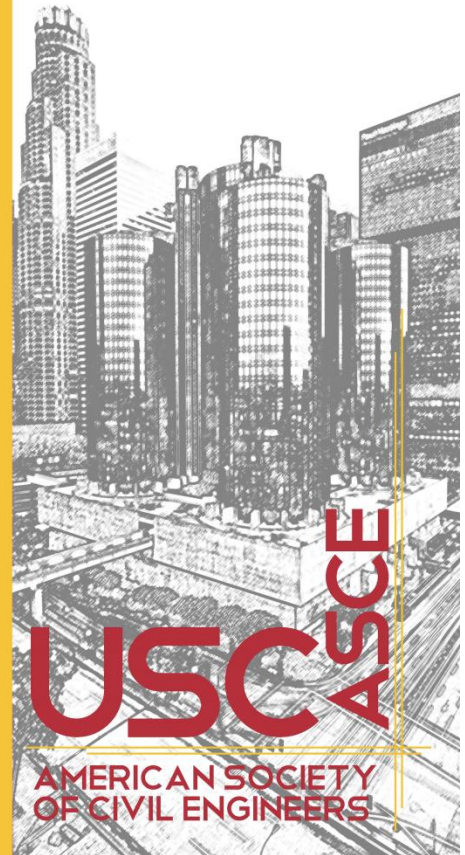
### Faculty Advisor

Professor Henry Koffman

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



## USC Viterbi School of Engineering



Front of brochure

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## 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

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## Sample Meeting Announcement Email

Hey USC ASCE!

Our **4th General Meeting** is **TODAY! in VKC 252 at 5pm** with **Pat Fuscoe from Fuscoe Engineering and Professor Patrick Lynett**. This meeting is a great opportunity that you don't want to miss. You get to meet the President of the "Number 1 Mid-Size Civil Engineering Firm in the nation to work for," meet the newest young rising faculty member of the department, and get free food!

Hope to see you all later!

Oscar Rivera  
President, USC ASCE

Feel free to contact us for any information.  
email: [uscasce@usc.edu](mailto:uscasce@usc.edu)

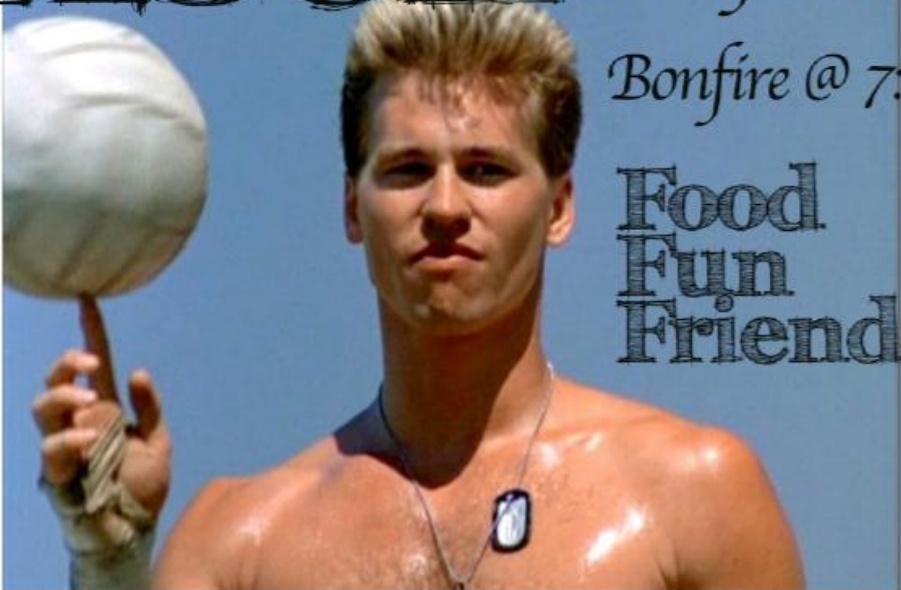
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**Sample Event Flyer**



**ASCCE** 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](mailto:social@uscasce.com) including your name and teammates  
4 Players to a team*



---

## Sample Officer Meeting Records

### Secretarial Minutes

ASCE E-Board Minutes 10/26/11

8 Officers Present

- 9:46 – Meeting begins
  - National Conference
    - Learned about sustainability
- 9:48
  - Next year's in Montreal
    - Funding may be an issue
- 9:50
  - Brandow received checks today
- 9:52
  - Steel Bridge
    - Making progress on cutting the steel
    - Thomas can't get in touch with Jack from Cal State for donation
      - Looking into other options
- 9:55
  - Concrete Canoe
    - Working on mix and mold
      - Captains need to look at old design papers
    - Bonding meeting next Thursday 6-7
- 9:58
  - General Meeting next Wed. with Fusco
    - Theresa emailing him about time
    - Oscar getting parking pass
- 10:01
  - Eating tacos
- 10:02
  - Student Roundup
    - 5 people from each E-Board from area schools
    - Location TBA
    - Second or third week of November on Wednesday or Friday
- 10:04
  - Holiday Party
    - Just e-board members
    - Details later
- 10:08
  - Cal Baptist wants to meet with us
    - Bowling? – Nov. 18<sup>th</sup>
    - Thomas will email them
- 10:10

- 
- Jhumann and Thomas filling out PSWC form and turning in by Monday
    - Need to start working on budget
  - 10:11
    - PSWC info. Session soon
      - Thomas working on PowerPoint
    - Jake working on newsletter
      - No Google doc.
  - 10:15
    - PSWC Committee meeting tomorrow at 5
    - Next semester
      - Doug Failing from Metro
      - Jackie Patterson from JL Patterson and Associates
      - Brian Pallasch from ASCE - politics
      - Someone from Abbott Construction
      - Karl Tingwald setting up office tour of Arup
      - EWB wants to do something with us
      - Community service events
        - Beach clean-up, Habitat for Humanity, etc.
      - Intramural Teams can be formed and start practicing
  - 10:23
    - E-board meeting after general meeting next week
    - They will be at 4 in the weeks following
  - 10:23 – Meeting Adjourned



## President's Meeting Record

### ASCE Executive Board Meeting

Date: Wednesday 11/9/11

Attendees:

|                 |   |                  |   |
|-----------------|---|------------------|---|
| Oscar Rivera    | X | Erin Khan        | X |
| Theresa Kurth   | X | Jake Hermle      | X |
| Thomaz Paschoal | X | Jhumman Ung      |   |
| Charlie Tran    | X | Thomas Palmieri  | X |
| Omar Dana       | X | Roberta Lau      |   |
| Rosa Lau        |   | Loay Alsalem     | X |
| Joao DeBarros   | X | Katherine Wilson | X |

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

| Item Description | Persons Responsible | Action/Timeline   | Updates   |
|------------------|---------------------|---|---|
| Student Roundup  | Everyone            | Confirm attendance  | 8 e-board, 2 non-e-board going  |
| Social Events    | Joao, Loay          | Need to have Holiday Party details set, bowling night next semester | Holiday Party will be at the 2-9 Café at 7pm, followed by movies at Thomas' place. Looking at locations for bowling night |
| Concrete Canoe   | Erin, Jake, Oscar   | Updates   | Paddling practice on Sunday, weather pending. Continuing to do test mixes, lab tour this Thursday                         |
| Steel Bridge     | Thomas, Jhumman     | Get steel   | Thomas finally got hold of Justin, will talk to Cal State Steel soon. Looking for other donators                          |
| Environmental    | Rosa, Roberta       | Updates   | Emails going back and forth, they seem to be on track with everything   |

---

|               |                           |                        |  |
|---------------|---------------------------|------------------------|--|
| Annual Report | Katie, Oscar,<br>Theresa  | GET STARTED            | Begin working on<br>report ASAP                          |
| PSWC Update   | Thomas, Charlie,<br>Oscar | March 22-24 is<br>PSWC | Website up, events<br>up, get teams and<br>funding going |

Next meeting: Wednesday 11/16 9:00pm

---

**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**

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## Sample Newsletter

Hey USC ASCE,

Don't be scared by the length of this email! Other student orgs like ITE, SWE, and SGT have some interesting events going on that they have kindly shared with us and we think you may be interested in so we're advertising some of them, enjoy!

### **ASCE:**

Hey USC ASCE!

Every year the Los Angeles ASCE Student Chapters get together with the Younger Member Forum members (basically young professional civil engineers involved with ASCE at the national level) at an event which we call the Roundup. At the Roundup, you get a chance to mingle with everyone, have free food, and see what all the other ASCE student chapters are doing.

The Roundup is typically for Executive Board members only, but this year they have asked me to invite all of our members! The details are as follows:

**Where:** UCLA Campus, Boelter Penthouse

**Time:** 5pm-8pm

**Date:** Friday, November 18<sup>th</sup>, 2011

Please **RSVP to this email by this Wednesday night, 11/9**, so I can give them a head count of how many people will be representing USC ASCE. We will be leaving and returning as a group so please let me know if you would be able to drive too so that we can arrange rides. Hope to see many of you there, everyone is invited!!

---

## CE Student Committee:

Dear Civil Engineering Students,

As many of you may know the Civil Engineering department will be under a **new department chair** starting this January. The new chair is Dr. Soibelman who is coming to USC from Carnegie Mellon and as a part of his transition he is looking for ways to **improve the civil engineering department** here at USC. He wants to improve our educations and make our experience as civil engineering students better. In order to achieve this, he has requested that us, the undergraduate students of the CE department, come to him with what we think **needs to be changed or improved to make the Civil Engineering department better**.

For this reason we have put together a committee of students to listen to the suggestions of the whole student body and to bring your suggestions to the new chair's attention. With this in mind, we would like to ask you to **send us anything that you would like to see added to the department or something that you would like to see change or improve in the department**. As we said, we will bring your suggestions, complaints, comments or concerns to the attention of the new department chair and insure that the undergraduates have a strong voice in the changes that he is hoping to undertake as chairman. Please send your ideas to [usccesuggest@gmail.com](mailto:usccesuggest@gmail.com) by Monday, November 28th, 2011.

Thank you and Fight On!

## ITE:

ITE Trip #2

Come with ITE to see the Port of Long Beach! This is a great tour of one of America's busiest ports. Below is the schedule for the trip:

1:15-1:30            Check-in, 6<sup>th</sup> Fl. Board Room, Port Admin Bldg, 925 Harbor Plaza, Long Beach, CA 90802

1:30-2:15           Presentations by Transportation Planning Division and Engineering Bureau on Port's infrastructure projects

2:15-2:30           Short break

2:30-3:00           Roof-top technical observation of the on-going Pier G, GDB, other projects

---

Please RSVP to [this spreadsheet](#) by November 9th.

## **SGT:**

Hey SGT!

So we have another tour lined up for you...this time it's going to be at Boeing Satellite Systems (BSS). We will be getting a tour and an Info Session. Details are listed below:

When: Friday, November 18th, 1 pm

Where: El Segundo, CA (estimated time of departure is 12:15pm)

Everyone must be a US Citizen for this tour.

Notice the date is the same as the Northrup Tour....sorry about that but it was the best that Professor Radovich could set up. Make sure you shoot him a thank you next time you see him :) So you guys will have to pick one or the other, but this means more people get to go on tours! So please respond to [uscsigmagammatau@gmail.com](mailto:uscsigmagammatau@gmail.com) if you're interested by TUESDAY AT 5PM! If you also have friends that are interested, invite them and let us know! Please also mention if you can drive and how many people you can drive with you.

And for those of you who pick Northrup, don't forget to let us know by this FRIDAY!

## **SWE:**

SWE 2nd General Meeting: Spa Day

Date: Wednesday, November 16th, 2011

Time: 7:00-8:00pm

Location: THH 115

You do not want to miss this event! In our last corporate-sponsored blowout of the year, Intel is joining us for a workshop in beauty! We'll be painting nails and applying masks while getting to know SWE's corporate mentor from Intel and some of the opportunities there. Then we'll be bringing ingredients and recipes that you can mix up into your own homemade beauty products to take home!! We'll be serving fruit, cheese, and fruit infused water, so stop by and get a taste of the SWE SPA!

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## **ASCE National:**

There are scholarships available for both undergraduate and graduate students! Follow the link for more information: <http://www.asce.org/Content.aspx?id=18337>

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[www.uscasce.com](http://www.uscasce.com)



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## Printout of Website Homepage (uscasce.com)



**USC Viterbi**  
School of Engineering

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**About**

Big Buddies

Pacific Southwest Conference

Concrete Canoe

Steel Bridge

Environmental

Membership

Calendar

Contact

Partner Organizations

Officer Resources

Site Home

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

**ANNOUNCEMENTS:**

Welcome back to one of the most awesome ASCE student chapters in LA! We hope you have enjoyed our events so far throughout the semester, we still have many more to come!

**Membership forms for 2011-12 are now available! Click the link on the sidebar 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](http://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 2010-11 for their great performance in Vegas and Los Angeles! [Click here to see pictures from the events.](#)
- The 2009 Report Card for America's Infrastructure has been released. [Find the Report and Suggestions for Improvement Here.](#)

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## Attachment D



## Summary and Highlights of Meetings and Activities

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# PSWC 2011

**DATE:** March 24-26, 2011

**LOCATION:** California State University, Los Angeles

**ATTENDEES:** BOARD MEMBERS: 13

MEMBERS: 22 TOTAL: 35

**REPORT PREPARED BY:** Thomas Palmieri



**DESCRIPTION OF EVENT/PURPOSE:** The Pacific South West Conference (PSWC) is ASCE's annual student chapter competition where civil engineering students implement their design course work at school into real life problems. This year PSWC took place at the California State University, Los Angeles in Los Angeles, CA from March 24-26. 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, mystery event, dog house design and various sports competitions. The competition was a three day long experience with an awards banquet on the last day of the competition. 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 9<sup>th</sup> in the conference out of 19 schools. All of the USC ASCE members that attended learned a lot from participation, talking to members from other schools, and watching the events. Although now of our design projects placed in the top three, we expect that next year's design teams with more than half of our participants returning to make vast improvements to the teams from their newly acquired knowledge and experience.

There were a few set-backs during the conference that included the collapse of our concrete canoe two weeks before competition and the disqualification of the steel bridge team due to failure of the lateral deflection test. Despite all these misfortunes, we had numerous successes at PSWC from earning second place in the mystery event competition with our indestructible Angry Birds Design, our Environmental team going to national and our volleyball team making the semi-finals. In every event, the USC ASCE students made their presence know in both the competition and cheering, "FIGHT ON!" for their fellow Trojans

Our student chapter focuses a lot of energy on the larger events at PSWC but tends to lose focus of the smaller events that can win the school a lot of points. As we plan for next year's competition, it would be beneficial for our chapter to place more time and effort into the non-design and smaller events to increase our overall score and group member participation.

**PREPARATIONS:** All of the design teams prepared a lot for their events before the conference holding weekly meetings and practice sessions and additional sessions as needed beginning in the fall semester and continuing up until the conference. While in comparison, the non-design events did most of their preparation in the spring semester holding a few meetings to get teams together and prepare any materials that they needed before participating in the competition.

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# 2011 OPAL Awards Gala

**DATE:** 3/31/11

**LOCATION:** Gaylord National Hotel, Washington D.C.

**ATTENDEES:** BOARD MEMBERS: 1  
MEMBERS: 0      TOTAL: 1

**REPORT PREPARED BY:**  
Oscar Rivera

**DESCRIPTION OF EVENT/PURPOSE:**

The OPAL Awards Gala is the “Academy Awards” of Civil engineering. Awards are given out to the best projects and engineers of the year, voted and nominated by their peers.



**ACTIVITY ASSESSMENT:** Wow, this was an amazing event. I felt so lucky to be in the presence of excellence in my profession and I hope to one day attend again as an award recipient and not just a guest. The following day, I had to participate in a focus group held by ASCE, which was the main reason I was invited to attend. Anyone given the opportunity to attend the OPAL Awards Gala should definitely attend.

**PREPARATIONS:** Funding from ASCE National contingent upon participation in focus group the following day



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# 1<sup>ST</sup> General Meeting

**DATE:** 8/24/11

**LOCATION:** Kaprielian Hall

**ATTENDEES:** BOARD MEMBERS: 12  
MEMBERS: 20            TOTAL: 32

**REPORT PREPARED BY:** Theresa Kurth

**DESCRIPTION OF EVENT/PURPOSE:**

As a jump-start to the year, our first meeting was for the purposes of getting to know one another and learning more about what ASCE is all about. The president spoke about the different events and activities that ASCE is involved in while everyone enjoyed stuffing their faces with pizza. After the formalities, we played an engineering game. Everyone was split into teams of about 5 people and given a handful of bamboo sticks, masking tape, and a piece of cardboard. They were instructed to draft a design of a tower with the objective of being the tallest tower of the group that could hold the most jars of apple sauce. After 15 minutes of only drafting, the twist was revealed – they all had to switch drawings and build a different groups' design! The towers were then tested and the winners given a prize.

**ACTIVITY ASSESSMENT:** Everyone had a lot of fun and we had a really good turnout. It was a great way to start the year! In future years we plan to have the first meeting interactive, rather than jumping right into the speaker series.

**SPEAKER/SPEAKER CONTACT INFO:** N/A

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# President Herrmann Lecture

With Andy Herrmann, President of ASCE

**DATE:** 9/6/11

**LOCATION:** Steely G Mudd, USC

**ATTENDEES:** BOARD MEMBERS: 5  
MEMBERS: 18 TOTAL: 120

**REPORT PREPARED BY:**

Oscar Rivera

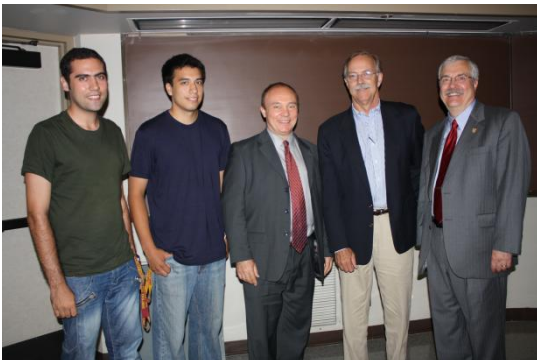


## **DESCRIPTION OF EVENT/PURPOSE:**

This lecture was set up through the Sonny Astani Department of Civil Engineering for 3 different classes and ASCE student members. President Herrmann lectured about the failure of infrastructure and how it affects the economy.

**ACTIVITY ASSESSMENT:** President Herrmann's lecture was very informative. Many students are unaware of ASCE's Report Card and how America's infrastructure is failing so to have him speak to us about those things was eye opening for most of us in attendance. We would love to have President Herrmann as well as all future ASCE President's come lecture to our members!

**SPEAKER/SPEAKER CONTACT INFO:** Andrew Herrmann



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# First Steel Bridge Design Meeting

**DATE:** 9/7/11

**LOCATION:** Kaprielian Hall

**ATTENDEES:** BOARD MEMBERS: 4  
MEMBERS: 10 TOTAL: 14

**REPORT PREPARED BY:** Jhumann Ung



**DESCRIPTION OF EVENT/PURPOSE:**

First General Meeting for Steel Bridge 2011.

- 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

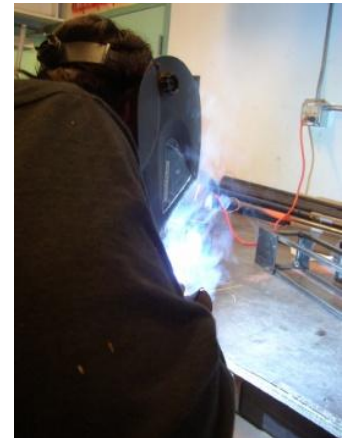
**PROBLEMS:**

None

**SPEAKER/SPEAKER CONTACT INFO:**

Thomas Palmieri, Co-Captain

Jhumann Ung, Co-Captain



**PREPARATIONS:**

Preliminary Design & Ideas drawn on “Design Chalk Board”

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# 2<sup>nd</sup> General Meeting

With Reid Keller of Gibson Transportation Consulting

**DATE:** 9/7/11

**LOCATION:** Kaprielian Hall

**ATTENDEES:** BOARD MEMBERS: 6  
MEMBERS: 14            TOTAL: 26

**REPORT PREPARED BY:**  
Oscar Rivera



**DESCRIPTION OF EVENT/PURPOSE:**

First were some general ASCE and ITE (Institute of Transportation Engineers) announcements. The main event was the presentation by Reid Keller. Reid shared with us his work on transportation projects from the LAX Master Plan to the Arizona Cardinals' Parking and Traffic Plan to the Oahu Master Transportation Plan. He also discussed the life of a transportation engineer/planner and how we can set our goals toward a career in transportation.

**ACTIVITY ASSESSMENT:** While the content of his presentation in general was overall interesting and worth listening to, Reid definitely fits the stereotype of engineers being bad public speakers. We will probably not be asking Reid for another presentation. This meeting was also co-sponsored by USC ITE and it was their inaugural meeting.

**SPEAKER/SPEAKER CONTACT INFO:** Reid Keller – [jlpatrick@jlpatterson.com](mailto:jlpatrick@jlpatterson.com)

**PREPARATIONS:** Food pick-up from Domino's and set up of the Civil Engineering Conference Room





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# Steel Shipment Relocation

**DATE:** 9/14/11

**LOCATION:** Kaprielian Hall

**ATTENDEES:** BOARD MEMBERS: 2  
MEMBERS: 2                    TOTAL: 4

**REPORT PREPARED BY:** Jhumann Ung

**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:**

Thomas Palmieri, Co-Captain

Jhumann Ung, Co-Captain

**PREPARATIONS:**

Safety equipment for all participating members.

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# Concrete Canoe's 1<sup>st</sup> Information Session

**DATE:** 9/21/11

**LOCATION:** Kaprielian Hall

**ATTENDEES:**

**BOARD MEMBERS:** 1

**MEMBERS:** 9      **TOTAL:** 10

**REPORT PREPARED BY:** Erin Khan

**DESCRIPTION OF EVENT/PURPOSE:**

This event was to meet and recruit new members, and to give new members more detailed information on the ASCE concrete canoe team. Discussion for the theme of the canoe was started, and email addresses were recorded to put onto the ASCE emailing list.



**ACTIVITY ASSESSMENT:**

**(SUCCESSSES/PROBLEMS)**

This event was successful since we had 9 freshmen express interest in the ASCE concrete canoe team. One issue was getting the freshmen to speak up and express ideas for the canoe theme, since they were inexperienced and unfamiliar with the concrete canoe process.

**SPEAKER/SPEAKER CONTACT INFO:** N/A

**PREPARATIONS:** Preparations included spreading the word about the information session through email and by word of mouth to get new people to attend.

**BUDGET:** No budget for this event.

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# Concrete Canoe's 2<sup>nd</sup> Information Session

**DATE:** 9/22/11

**LOCATION:** Kaprielian Hall

**ATTENDEES:** BOARD MEMBERS: 8  
MEMBERS: 6 TOTAL: 14

**REPORT PREPARED BY:** Erin Khan

**DESCRIPTION OF EVENT/PURPOSE:** This event was to meet and recruit new members, and give new members more detailed information on the ASCE concrete canoe team. Discussion for the theme of the canoe was completed, and email addresses were recorded to put onto the ASCE emailing list. We decided that the theme of the 2012 canoe would be SCooby Doo.



to

**ACTIVITY ASSESSMENT:**

**(SUCSESSES/PROBLEMS)**

This activity was a success due to the large number of board members present. Board member input during the meeting gave deeper insight for new people as to what the ASCE concrete canoe team does. A problem with the event was that there were only one freshmen and one sophomore present, meaning there were less new people being recruited.

**SPEAKER/SPEAKER CONTACT INFO:** N/A

**PREPARATIONS:** Preparations included spreading the word about the information session through email and by word of mouth to get new people to attend.

**BUDGET:** No budget for this event.

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# Steel Bridge Welding Sessions



**DATE:** Various days in October– November 2011

**LOCATION:** Kaprielian Hall

**ATTENDEES:** BOARD MEMBERS: 2  
MEMBERS: 10                      TOTAL: 12

**REPORT PREPARED BY:** Jhumann Ung

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

**ACTIVITY ASSESSMENT:**

**SUCCESSSES:**

-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:**

Frank Eshenburg – Member, Welding Expert  
Thomas Palmieri, Co-Captain  
Jhumann Ung, Co-Captain

**PREPARATIONS:**

-Proper Safety materials  
-Welding Curtains

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# Concrete Canoe Paddling Practice

**DATE:** 10/2/11

**LOCATION:** Newport Aquatic Center

**ATTENDEES:**

**BOARD MEMBERS:** 3

**MEMBERS:** 3    **TOTAL:** 6

**REPORT PREPARED BY:** Erin Khan



## **DESCRIPTION OF**

**EVENT/PURPOSE:** This activity was to familiarize the canoe team with paddling basics, and to practice turning in the canoe. We paddled down the back bay of the Newport Aquatic Center, practiced turning around a buoy, and paddled back to shore. Practice lasted about 2 hours of full paddling practice, and another 2 hours for transportation and getting lunch.

## **ACTIVITY ASSESSMENT:**

### **(SUCCESSES/PROBLEMS)**

This event was a great success mostly in part to the good weather. As unlikely as rain is in Southern California, the next few subsequent paddling practices unfortunately had to be cancelled due to early morning rainfall.

**SPEAKER/SPEAKER CONTACT INFO:** N/A

**PREPARATIONS:** Preparations included getting RSVP's from team members, arranging carpools, and providing life jackets for the practice.

**BUDGET:** No budget for this event.

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# 3<sup>rd</sup> General Meeting

With Carlos Morgner of Morgner Construction Management

**DATE:** 10/6/11

**LOCATION:** Kaprielian Hall

**ATTENDEES:** BOARD MEMBERS: 7  
MEMBERS: 12 TOTAL: 19

**REPORT PREPARED BY:**  
Oscar Rivera



**DESCRIPTION OF EVENT/PURPOSE:**

First were some general ASCE announcements to keep everyone up-to-date with what's going on. The main event was the presentation by Carlos Morgner. Carlos shared with us some of the current projects his company is working on, which are numerous, and his experiences from being a professional in the industry

**ACTIVITY ASSESSMENT:** Everyone that went to the Morgner meeting really enjoyed it. We were all expecting him to speak more about construction, but his company does a lot of transportation related work. He kept everyone engaged in his presentation by asking everyone in attendance to ask him a question, which proved to be very effective.

**SPEAKER/SPEAKER CONTACT INFO:** Carlos Morgner –  
[morgner@morgnerco.com](mailto:morgner@morgnerco.com)

**PREPARATIONS:** Food pick-up from Pasta Roma



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# Steel Bridge Project Days

**DATE:** 10/6/11 – 11/23/11

**LOCATION:** Kaprielian Hall

**ATTENDEES:** BOARD MEMBERS: 2  
MEMBERS: 7                      TOTAL: 9

**REPORT PREPARED BY:** Jhumann Ung

**DESCRIPTION OF EVENT/PURPOSE:**  
Test loading of a sample beam for the steel bridge  
-Fabricated potential members for the bridge  
-Create an effective connection for the members  
-Prepare for the actual fabrication of steel bridge components

**ACTIVITY ASSESSMENT:**

**SUCCESSSES:**

- Satisfactory number of members participated in the fabrication of the bridge
- All participants given sufficient number of tasks
- Bridge project tested according the schedule

**PROBLEMS:**

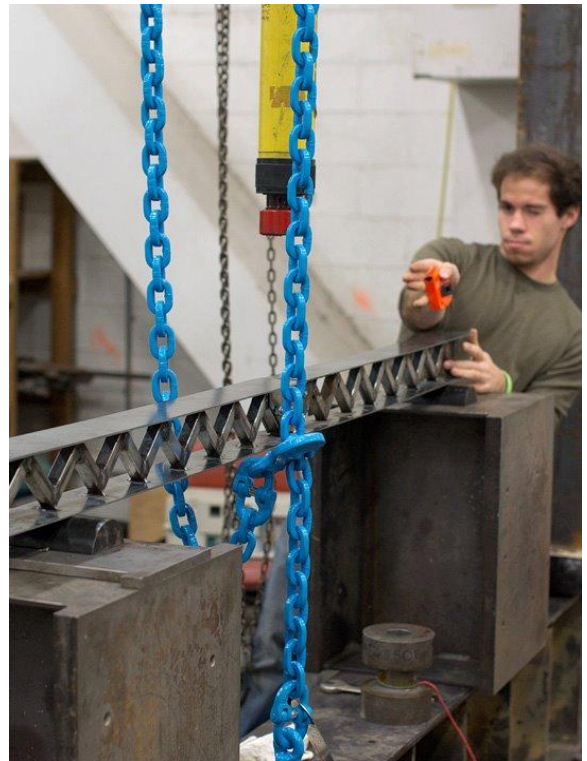
- Only on MIG welder meant slow welding process
- insufficient tools diminished degree of accuracy on some members/connections

**SPEAKER/SPEAKER CONTACT INFO:**

Thomas Palmieri, Co-Captain

**PREPARATIONS:**

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



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# Steel Bridge Design Meeting

**DATE:** 10/14/11

**LOCATION:** Kaprielian Hall

**ATTENDEES:** BOARD MEMBERS: 2  
MEMBERS: 7 TOTAL: 9

**REPORT PREPARED BY:** Jhumann Ung

**DESCRIPTION OF EVENT/PURPOSE:**

1<sup>st</sup> Steel Bridge Design Meeting. Introduced the 2012 Steel Bridge Rules and discussed changes from previous years. Also introduced preliminary design and general specifications for bridge envelope

**ACTIVITY ASSESSMENT:**

**SUCCESSSES:**

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

**PROBLEMS:**

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

**SPEAKER/SPEAKER CONTACT INFO:**

Thomas Palmieri, Co-Captain  
Jhumann Ung, Co-Captain

**PREPARATIONS:**

CAD Model of Prelim Design  
2012 Steel Bridge Rules



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# Concrete Canoe Concrete Mix Creation

**DATE:** 10/18/11

**LOCATION:** Kaprielian lab

**ATTENDEES:**

**BOARD MEMBERS:** 2

**MEMBERS:** 1 **TOTAL:** 3

**REPORT PREPARED BY:** Erin Khan

**DESCRIPTION OF**

**EVENT/PURPOSE:** Purpose of activity was to create concrete test specimen for testing to determine which mix would be used in competition. 3 different samples were created for testing later.



3 different samples were created for testing later.

**ACTIVITY ASSESSMENT:**

**(SUCCESSSES/PROBLEMS)**

Activity was successful as there were enough people to mix, pack, and seal the samples quickly and efficiently. The group worked well together and made promising samples for testing.

**SPEAKER/SPEAKER CONTACT INFO:** N/A

**PREPARATIONS:** Preparations included gathering materials from the lab and putting a mix design together to execute.

**BUDGET:** No budget for this event.

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# ASCE'S 141<sup>st</sup> National Conference

**DATE:** October 20th-22nd, 2011

**LOCATION:** Memphis, TN

**ATTENDEES:** BOARD MEMBERS : 6  
MEMBERS: 0            TOTAL: 6

**REPORT PREPARED BY:** Theresa Kurth



**DESCRIPTION OF ACTIVITY/PURPOSE:** This year we sent 6 members to national conference in Memphis. The topic this year was Sustainable Infrastructure. Session topics ranged from the Japan Tsunami aftermath and analysis, to managing one's time between work and home life. We attended all 3 days and made it to all of the sessions. In addition to learning a lot about current and past civil engineering projects, we learned more about ASCE's vision for the future, as well as made new friends and contacts, and got to explore a new city. The social at Graceland was particularly fun!

**ACTIVITY ASSESSMENT:** National Conference is always a good opportunity to spend lots of time with other civil engineers and it is always a pleasure to do so. Every one of our members that attended reported that they got a lot out of the conference and were inspired to become great civil engineers! We intend to keep the tradition going of sending a few people every year to conference.



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# 4th General Meeting

With Pat Fuscoe

**DATE:** 11/2/11

**LOCATION:** Kaprielian Hall

**ATTENDEES:** BOARD MEMBERS: 7  
MEMBERS: 10 TOTAL: 17

**REPORT PREPARED BY:**

Theresa Kurth

**DESCRIPTION OF EVENT/PURPOSE:** For this meeting we brought Pat Fuscoe, of Fuscoe Engineering, to speak to our student chapter. He spoke about what his business does and how he got started doing such projects. His company does a lot of sustainable work in landscaping, building, and urban planning.

**ACTIVITY ASSESSMENT:** Pat is always a pleasure to have speak and everyone enjoyed his talk. This was a very informative meeting in terms of different kinds of civil engineering out there. Pat's company is very unique and a lot of the attendees were surprised that such work goes on.

**SPEAKER/SPEAKER CONTACT INFO:** Pat Fuscoe - [pfuscoe@fuscoe.com](mailto:pfuscoe@fuscoe.com)

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# Kaprielian Lab Tour for Concrete Canoe

**DATE:** 11/3/11

**LOCATION:** Kaprielian Hall Basement,  
B40 lab

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

**REPORT PREPARED BY:** Erin Khan

**DESCRIPTION OF EVENT/PURPOSE:**  
Purpose of this event was to allow concrete canoe team members to learn about the environment they will be in when they help to construct the canoe. Furthermore, the event served to increase interaction between board members and new canoe team members.



**ACTIVITY ASSESSMENT:**

**(SUCCESSSES/PROBLEMS)**

This activity was planned at a time that was inconvenient for some people to attend. Strategically planning a good time in advance would have increased attendance. It was successful in the sense that two freshmen came out to see the labs and connected with ASCE more.

**SPEAKER/SPEAKER CONTACT INFO:** N/A

**PREPARATIONS:** Preparations included sending out emails to notify members of the event.

**BUDGET:** No budget for this event.

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# 2<sup>ND</sup> Steel Bridge Design Meeting

**DATE:** 11/18/11

**LOCATION:** Kaprielian Hall

**ATTENDEES:** BOARD MEMBERS: 2  
MEMBERS: 8                      TOTAL: 10

**REPORT PREPARED BY:** Jhumann Ung

**DESCRIPTION OF EVENT/PURPOSE:**

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

**ACTIVITY ASSESSMENT:**

**SUCSESSES:**

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:**

Thomas Palmieri, Co-Captain  
Jhumann Ung, Co-Captain

**PREPARATIONS:**

SAP Model  
Connection Diagrams  
Critical Moment Diagrams via Chalk board.

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## Attachment E



## Special Projects Report

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## ATTACHMENT E – SPECIAL PROJECTS REPORT

ASCE MLAB YMF 17<sup>th</sup> Annual Popsicle Stick Bridge Competition

Date: Friday February 18, 2011

Location: University of Southern California Campus

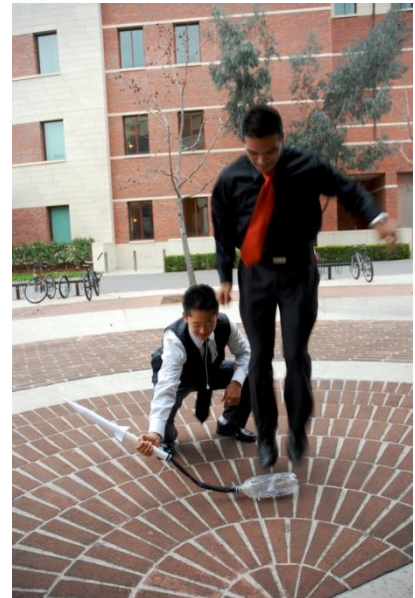
Event Type: Community Service

Event Description:

The Younger Member Forum (YMF) of the Metropolitan Los Angeles Branch of ASCE in conjunction with the Orange County YMF annually hosts a popsicle stick bridge competition for high school students. Each year, a different university's ASCE chapter in the section is asked to host the event, giving the high school student participants a chance to see some of the great universities, and engineering programs, in the area.



The 2011 Popsicle Stick Bridge Competition (PSBC) planning board approached USC ASCE just before winter break in 2010 offering the opportunity for USC to host the event to be held in February 2010. USC ASCE was more than happy to host and aide in the planning of this event, and as soon as the students returned from break in January the work began. The USC ASCE student chapter helped the YMF committee both with the logistics of hosting the competition on campus as well as with providing volunteers on the day of the competition. Student members reserved several classrooms and event halls to house the different events throughout the day, worked with the university's transportation office to hold dozens of parking spots for the competing schools, and worked with the campus catering service to provide lunch on the day of the competition.



Students from several universities in the Metropolitan Los Angeles Branch volunteered on the day of the event, including the University of Southern California, Loyola Marymount University and the University of California Los Angeles. On the day of the competition, over 250 high school students from the greater Los Angeles area gathered at the USC to watch months of hard work get crushed. The PSBC served as the kickoff to National Engineers Week, being the Friday before NEW. Throughout the course of the event, the need for innovative ideas, and more engineering professionals, was shared with the students as they were encouraged to pursue higher education and consider doing so in the engineering field.

For more information on the event itself, please visit <http://bridge.mlab-ymf.org>.





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**ATTACHMENT E – SPECIAL PROJECTS REPORT**

**Project Title: Rebuilding Together**

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

|   |                           |
|---|---------------------------|
| Students:                                   | <u>3 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: 8**

**Percent of ASCE Student Organization Membership That Worked on the Project: 6.5%**

**Was course or curriculum credit earned for this project?           No**

**Project Abstract:** Jan. 15, 2011 - 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. 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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## Attachment F



## Financial Statement

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**ATTACHMENT F – FINANCIAL STATEMENT SUMMARY**

**INCOME**

|  |                            |                         |
|--|----------------------------|-------------------------|
| <b>1. Local Membership Dues</b>  |                            |                         |
| Spring 2011  | (11 members @ \$30/member) | <u>\$330</u>            |
| Fall 2011  | (41 members @ \$30/member) | <u>\$1230</u>           |
| Spring 2011  | PSWC Fees                  | <u>\$4000</u>           |
| <b>2. Allocation from University</b>   |                            | <u>\$558.83</u>         |
| Any allocations from the University were handled by USC<br>and the funds never released directly to our organization |                            |                         |
| <b>3. Donations from sponsors</b>  |                            |                         |
| Ms. Jacqueline Patterson, J.L. Patterson & Associates, Orange, CA  |                            | <u>\$1200</u>           |
| David M. Wilson Affiliates, Los Angeles, CA  |                            | <u>\$2000</u>           |
| AECOM, Los Angeles, CA   |                            | <u>\$200</u>            |
| Metropolitan Los Angeles Branch  |                            | <u>\$480</u>            |
| <b>4. Other Fundraisers</b>  |                            |                         |
| N/A  |                            | <u>N/A</u>              |
| <b>Total Income:</b>   |                            | <b><u>\$9998.83</u></b> |

**EXPENSES**

|  |  |                 |
|--|--|-----------------|
| <b>1. Professional Meetings</b>                                    |  |                 |
| Food and Beverages   |  | <u>\$558.83</u> |
| Printing   |  | <u>N/A</u>      |
| <b>2. Attendance at WSCL</b>                                       |  |                 |
| Airfare/mileage  |  | <u>N/A</u>      |
| Lodging  |  | <u>N/A</u>      |
| Food   |  | <u>N/A</u>      |
| <b>3. Competitions</b>   |  |                 |
| Competition: <u>PSWC</u>   |  |                 |
| U-Haul Rental  |  | <u>N/A</u>      |
| T-Shirts   |  | <u>\$817.17</u> |
| <b>4. Conference Participation - PSWC</b>                          |  |                 |
| Registration (32 students @ \$100/ student):                       |  | <u>\$3230</u>   |
| School Registration  |  | <u>\$200.00</u> |
| Airfare/Mileage  |  | <u>N/A</u>      |
| Lodging  |  | <u>N/A</u>      |
| <b>5. Conference Participation – ASCE National Conference</b>      |  |                 |
| Lodging  |  | <u>\$150.00</u> |
| <b>6. Conference Participation – WEF Wastewater Challenge 2011</b> |  |                 |
| Registration (3 students @ \$80/ student)                          |  | <u>\$240.00</u> |
| Lodging  |  | <u>\$378.06</u> |

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**7. Special Projects**

USCASCE.com Domain Renewal

24.95

**Total Expenses: \$5599.01**

**Accounts Payable**

**Cash Balance (Income – Expenses): \$4399.02**

N/A

**Accounts Receivable**

N/A