2007 Annual Report for ASCE Student Organizations (Student Chapters & International Student Groups)

School Name: Kansas State University

Calendar Year: January 1 – December 31, 2007

Received by Deadline: FEBRUARY 1, 2008

Send with $25 ASCE Student Organization Annual Dues to:
American Society of Civil Engineers
1801 Alexander Bell Drive
Reston, Virginia  20191-4400
Attn:  Student Services
PART I – RECORDS

Part I of the report asks for objective records relating to leadership, membership, finances, meetings, and contacts.

A. TRANSMITTAL

School Name: Kansas State University
Faculty Advisor Name: Dr. Hani Melhem
Faculty Advisor ASCE Member Number: 289834
ASCE Student Org. Mailing Address: 2118 Fiedler Hall, Manhattan, KS 66506
Faculty Advisor E-mail Address: melhem@ksu.edu
Faculty Advisor Phone Number: (785) 532-1484 Fax Number: (785) 532-7717
ASCE Student Org. E-mail Address: melhem@ksu.edu
ASCE Student Org. Office Phone Number: (785) 532-5862 Month of Officer Elections: May & Dec
Practitioner Advisor #1 Name: Mr. Dave Karnowski, P.E.
Practitioner Advisor #1 ASCE Member Number: 15192901
Practitioner Advisor #2 Name: S. Earl Tast, P.E.
Practitioner Advisor #2 ASCE Member Number: 279812

(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.)

(Please print & sign names)
Report submitted by: Contents approved by:
Secretary of ASCE Student Organization President of ASCE Student Organization
Ms. Coty Hinman Mr. Josh Lipscomb
President of ASCE Student Organization Faculty Advisor
Mr. Josh Lipscomb Dr. Hani Melhem
Date Practitioner Advisor #1
Mr. Dave Karnowski, P.E.
Practitioner Advisor #2
S. Earl Tast, P.E.

B. ASCE STUDENT ORGANIZATION OFFICERS

Please print name of officers during the 2007 calendar year by date of office.

From (date): January 1st To: July 31st From (date): August 1st To: December 31st
President Joyce Smith President Josh Lipscomb
Vice President Chad Banka Vice President Lauren Brown
Secretary Wilson Smith Secretary Coty Hinman
Treasurer Joey Holste Treasurer Trent Dansel
Please list additional officers below:

**Spring 2007**
- Trent Dansel – Corresponding Secretary
- Josh Lipscomb – Steel Bridge Co-Chair
- Bryan Donze – Concrete Canoe Co-Chair
- Doug Duncan – Webmaster
- Brian Coomes – Activities Chair
- Cody Cates – Open House Co-Chair
- Anthony Dowling – Special Projects Chair
- Emily Frey – Newsletter Editor

- Brandon Decker – Graduate Student Representative
- Steven Hammerschmidt – Steel Bridge Co-Chair
- Paul Bruss – Concrete Canoe Co-Chair
- Ken Kuehne – Historian
- Eric Byrd – Open House Co-Chair
- Coty Hinman – Student Council Representative

**Fall 2007**
- Chad Banka – Corresponding Secretary
- Brian Coomes – Steel Bridge Co-Chair
- Paul Bruss – Concrete Canoe Co-Chair
- Douglas Duncan – Webmaster
- Scooter Engquist – Activities Chair
- Wilson Smith – Open House Co-Chair
- Cody Cates – Special Projects Chair
- Becca Nyght – Newsletter Editor

- LJ Dickens – Graduate Student Representative
- Joey Holste – Steel Bridge Co-Chair
- Kait Howard – Concrete Canoe Co-Chair
- Jay Aber – Historian
- Tyler Ummel – Freshman/Sophomore Representative
- Rob Murphy – Open House Co-Chair
- Tracy DeWitt – Student Council Representative
- Eric Byrd – Centennial Chair

**C. MEMBERSHIP**

Statistical information below will be used to tabulate a score of the ASCE Student Organization activities on page 9.

Is attendance at ASCE Student Organization meetings mandatory?  
- **X** (yes)  
- _______ (no)  

ASCE Student Organizations will not be penalized if attendance is mandatory. Scoring is adjusted to accommodate for mandatory attendance – points for attendance will be excluded from the raw score total and $S(I)_{max}$ will be 80. See review and rating sheet on page 12.

Society-level ASCE Membership is  
- **X** (voluntary)  
- _______ (compulsory)  

Numbers provided below should represent the average per term within the calendar year. (Example: 50 Juniors & Seniors in Spring Term 2007, 60 Juniors & Seniors in Fall Term 2007 – Enter 55 as your average per term within the calendar year.)

Total number of Juniors & Seniors eligible to join ASCE (number of Jr. & Sr. with CE declared major): 113

Total number of Juniors & Seniors in your ASCE Student Organization: 72

Number of members of your ASCE Student Organization: 180

Number of ASCE Student Organization members who are Society-level ASCE Student Members: 89

Please attach two lists of members: 1) List of your ASCE Student Organization members and their years in school, and 2) List of Society-level ASCE Student Members. Membership lists should be included as Attachment A of the ASCE Student Organization Annual Report. Note: The Society-level Student Member Roster provided by Student Services should only be used as a starter list as it may not contain the most current information.

Statistical information (you will use this on page 9):

- \[
  \frac{\text{(Total Jr. & Sr. ASCE Student Organization Members)}}{\text{(Total Jrs. & Srs. Eligible)}} = 63.7\%
  \]

- \[
  \frac{\text{(Total Society-level Student Members)}}{\text{(Total Local Student Members)}} = 49.4\%
  \]
D. FINANCE

Local Membership dues: $10 per semester (year, semester, quarter, etc.)

Society-level Membership dues: $0 per calendar year

Source of ASCE Student Organization income other than dues. List sources and amounts:

ASCE Kansas Section - $500 per year

Financial position as of December 31, 2007:

<table>
<thead>
<tr>
<th></th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cash Balance</td>
<td>$3504.52</td>
</tr>
<tr>
<td>Accounts Receivable</td>
<td>$0.00</td>
</tr>
<tr>
<td>Accounts Payable</td>
<td>$0.00</td>
</tr>
</tbody>
</table>
### E. SUMMARY OF MEETINGS

#### 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. Do not report attendance at meetings or functions hosted or sponsored by other ASCE or outside groups.

<table>
<thead>
<tr>
<th>Date</th>
<th>Activity Type</th>
<th>Program</th>
<th>Attendance (give numbers)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan. 25</td>
<td>PM</td>
<td>Post-College Life, Peter Clark, BHC Rhodes</td>
<td>125 5 2 3 1</td>
</tr>
<tr>
<td>Feb. 8</td>
<td>PM</td>
<td>Charles B. Wheeler Airport Project, Roger Post, TranSystems</td>
<td>99 3 2 2 1</td>
</tr>
<tr>
<td>Feb. 22</td>
<td>PM</td>
<td>Financial Literacy for KSU Civil Engineers, Dr. Bob Smith</td>
<td>114 3 2 2 1</td>
</tr>
<tr>
<td>Mar. 1</td>
<td>SF</td>
<td>ASCE Ice Skating, K-State ASCE Chapter</td>
<td>21 0 0 0 0</td>
</tr>
<tr>
<td>Mar. 8</td>
<td>PM</td>
<td>Stabilizing Tuttle Creek Dam, Bill Empson, P.E., Army Corps of Engineers</td>
<td>89 3 2 1 1</td>
</tr>
<tr>
<td>Apr. 5</td>
<td>PM</td>
<td>Military Engineering at Home and Abroad, Maj. James Lockridge, Army Corps of Eng.</td>
<td>86 3 2 1 11</td>
</tr>
<tr>
<td>Apr. 19</td>
<td>SF</td>
<td>ASCE Picnic, K-State ASCE Chapter</td>
<td>61 9 2 2 1</td>
</tr>
<tr>
<td>May 3</td>
<td>PP</td>
<td>K-State ASCE Chapter Senior Project Presentation, Civil Engineering Graduating Seniors</td>
<td>82 6 2 2 1</td>
</tr>
<tr>
<td>Aug. 30</td>
<td>PM, Ethics</td>
<td>Ethical Dilemmas in Engineering, Dr. Steve Starrett</td>
<td>153 13 2 2 1</td>
</tr>
<tr>
<td>Sep. 6</td>
<td>SF</td>
<td>ASCE Picnic, KSU ASCE and George Butler &amp; Associates</td>
<td>60 15 0 2 20</td>
</tr>
<tr>
<td>Sep. 11</td>
<td>FT</td>
<td>Engineering at Fort Riley Military Base, Maj. James Lockridge, Army Corps of Eng.</td>
<td>17 0 2 0 0</td>
</tr>
<tr>
<td>Sep. 13</td>
<td>PM</td>
<td>Consulting in Engineering, Robbie Stansifer, Kimley-Horn &amp; Associates</td>
<td>132 6 1 2 1</td>
</tr>
<tr>
<td>Sep. 27</td>
<td>PM</td>
<td>Lake Development Project, Jonathan Polak, Olsson Associates</td>
<td>122 4 2 2 1</td>
</tr>
<tr>
<td>Oct. 11</td>
<td>PM</td>
<td>The Vision of Civil Engineering in 2025, W.F. Marcuson III, ASCE President</td>
<td>145 5 1 2 1</td>
</tr>
<tr>
<td>Oct. 25</td>
<td>PM</td>
<td>Engineering in Public Service, Jerry Younger, Kansas DOT</td>
<td>119 4 2 2 1</td>
</tr>
<tr>
<td>Nov. 8</td>
<td>PM, SF</td>
<td>KU/K-State Joint Dinner, ASCE Kansas Section</td>
<td>42 7 2 2 20</td>
</tr>
<tr>
<td>Nov. 29</td>
<td>PP</td>
<td>Senior Project Presentation, Civil Engineering Graduating Seniors</td>
<td>92 6 2 2 1</td>
</tr>
</tbody>
</table>
**Meeting Abbreviation** | **Statistical Information:**  
--- | ---  
PM | Number of Professional Meetings (business & technical presentation): 11  
PP | Number of student talks or paper presentations at ASCE Student Org. meetings: 2  
Ethics | Number of meeting with Professional Conduct (Ethics) programs: 1  
FT | Number of ASCE Student Org. sponsored field trips: 1  
SF | Number of ASCE Student Org. sponsored social functions: 3  

Average attendance at 10 most populated ASCE Student Org. meetings (if fewer than 10 meetings were held, average all meetings): 119  
(Average attendance) ÷ (Total student ASCE Student Org. members) = 66.11%  

**E. SUMMARY OF MEETINGS (continued)**

**SECTION/BRANCH MEETINGS**

Please list the date, location, and other information below for any meetings sponsored by the ASCE Section or Branch 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.

<table>
<thead>
<tr>
<th>Date</th>
<th>Location</th>
<th>Name of Section/Branch Host</th>
<th># of ASCE Students Present</th>
<th># of Section/Branch Members Present</th>
</tr>
</thead>
<tbody>
<tr>
<td>April 4th</td>
<td>University of Kansas</td>
<td>ASCE Kansas Section</td>
<td>30</td>
<td>7</td>
</tr>
<tr>
<td>Nov. 8th</td>
<td>University of Kansas</td>
<td>ASCE Kansas Section</td>
<td>42</td>
<td>6</td>
</tr>
</tbody>
</table>

**Statistical Information:**

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

Did your ASCE Student Org. attend any ASCE Section/Branch/Technical group meetings as noted above?

If yes, what was the total number of students who attended? 54
F. IMPORTANT CONTACTS

List contacts that your ASCE Student Organization found to be important to your activities this year that you feel will be useful to next year’s officers.

<table>
<thead>
<tr>
<th>Contact Name</th>
<th>Phone/E-mail</th>
<th>Mailing Address</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Robert Thorn</td>
<td>(785) 235-2393 <a href="mailto:bthorns@cox.net">bthorns@cox.net</a></td>
<td>603 Topeka Ave. Topeka, KS 66603</td>
<td>Lifetime Honorary Chapter Member</td>
</tr>
<tr>
<td>Dave Karnowski</td>
<td>(785) 456-9509 <a href="mailto:karnowski@kansas.net">karnowski@kansas.net</a></td>
<td>1010 W. 6th Wamego, KS 66547</td>
<td>Practitioner Advisor and Advisory Council Member</td>
</tr>
<tr>
<td>Earl Tast</td>
<td>(785) 233-8300 <a href="mailto:Earl.tast@pec1.com">Earl.tast@pec1.com</a></td>
<td>1263 S.W. Topeka Blvd. Topeka, KS 66612</td>
<td>Practitioner Advisor</td>
</tr>
<tr>
<td>Dr. Hani Melhem</td>
<td>(785) 532-1584 <a href="mailto:melhem@ksu.edu">melhem@ksu.edu</a></td>
<td>2127 Fiedler Hall Manhattan, KS 66506</td>
<td>Faculty Advisor</td>
</tr>
<tr>
<td>Dr. Robert Stokes</td>
<td>(785) 532-1595 <a href="mailto:drbobb@ksu.edu">drbobb@ksu.edu</a></td>
<td>2123 Fiedler Hall Manhattan, KS 66506</td>
<td>Faculty Advisor and ASCE Region 7 Director</td>
</tr>
<tr>
<td>Richard McReynolds</td>
<td>(785)-291-3841 <a href="mailto:dick@ksdot.org">dick@ksdot.org</a></td>
<td>2300 SW Van Burun St Topeka, KS 66611</td>
<td>Advisory Council President</td>
</tr>
</tbody>
</table>

G. ATTACHMENTS

Include a sample of meeting announcements, programs, agendas, etc. as Attachment B of the ASCE Student Organization Annual Report. Do not include copies of all announcements, etc.; a representative sample is sufficient.
PART II - ACTIVITIES

Part II asks for a combination of objective and subjective records relating to activities outside of general ASCE Student Organization meetings. This section is an opportunity for ASCE Student Organizations to distinguish their activities from others.

A. PARTICIPATION IN STUDENT CONFERENCE & WSCL

1. Did your ASCE Student Organization attend a Student Conference during the year?
   Name of Conference: Mid-Continent Regional Conference
   Date: April 26-28
   Location: Lawrence, KS
   Number of representatives attending: 42
   Did your ASCE Student Organization host or co-sponsor this Student Conference? No
   If yes, please attach a “Special Project Report” as described on page 6.

2. Did your ASCE Student Organization attend a Workshop for Student Chapter Leaders (WSCL) during the year?
   WSCL City: Milwaukee
   Dates: February 9-11
   Number of Representatives: 4 Student(s)
   0 Advisory Personnel (Faculty and/or Practitioner)

B. ASCE STUDENT ORGANIZATION NEWSLETTER & HOMEPAGE

1. Does the ASCE Student Organization prepare its own newsletter? Yes
   Number of issues during Annual Report year: 10
   Are copies regularly distributed to the following? (Answer YES or NO)
   Practitioner Advisor(s): Yes
   Regional Governor: No
   Section/Branch President: No
   ASCE Headquarters: No

2. Does the ASCE Student Organization maintain a homepage on the Internet? Yes
   If yes, what is the address?
   http://www.engg.ksu.edu/ASCE/

Please attach one sample copy of your newsletter and/or a print out of the ASCE Student Organization web site as Attachment C of the ASCE Student Organization Annual Report.

C. PRESENTATIONS OUTSIDE OF THE ASCE STUDENT ORGANIZATION

Please report presentations made by one or more of your members on a professional or technical topic undertaken in some ASCE-related environment, such as an ASCE Section/Branch meeting, National Engineers Week Event, or Student Conference. Presentations to potential ASCE Student Organization donors or community service project clients may be reported here. Announcing meetings in class does not count as a presentation. Project presentations that are given as a mandatory part of a course also do not count.

Did any student members of your ASCE Student Organization make presentations outside of the ASCE Student Organization meeting? Yes
If yes, how many presentations were made? 4

List student name and presentation title with the date, location, and name of event sponsor below for each presentation:

Joyce Smith, Chad Banka, Steven Hammerschmidt, Josh Lipscomb, Bryan Donze, Paul Bruss, Trevor Ahring, and Brian Coomes – Civil Engineering Advisory Council – Update of ASCE Activities – April 13
Bryan Donze and Paul Bruss – Concrete Canoe Technical Presentation – Lawrence, KS – ASCE Mid-Continent Regional Conference – April 26-28

Jared Miller – Technical Paper Competition – Lawrence, KS – ASCE Mid-Continent Regional Conference – April 26-28

Josh Lipscomb, Lauren Brown, Brian Coomes, Joey Holste, Paul Bruss, Kait Howard, Steven Hammerschmidt, Eric Byrd – Civil Engineering Advisory Council – Update of ASCE Activities – September 7

D. PARTICIPATION IN ASCE STUDENT MEAD CONTEST

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? No
Author ___________________________ Title of Paper ___________________________

E. ASCE SOCIETY-LEVEL CIVIL ENGINEERING EVENT

Was your ASCE Student Organization represented at any ASCE Society-level Event? (Includes Institute events, educational conferences, etc. Does not include National Concrete Canoe or Steel Bridge events.)
Name of Event N/A

Date________________________ Location _______________________________________

Number of Representatives: _______ Student(s)
__________ Advisory Personnel (Faculty and/or Practitioner)

Name of Event N/A

Date________________________ Location _______________________________________

Number of Representatives: _______ Student(s)
__________ Advisory Personnel (Faculty and/or Practitioner)

How were your travel & other expenses covered? (i.e., Chapter funds, civil engineering department, individuals, a combination of sources) N/A

F. PRACTITIONER & FACULTY ADVISOR TRAINING WORKSHOP

Did your Faculty Advisor attend the Practitioner & Faculty Advisor Training Workshop (this year or in the past)?
Date Yes – August 27, 2004

Did one of your Practitioner Advisors attend the Practitioner & Faculty Advisor Training Workshop (this year or in the past)? Date Yes – September 2002

G. ASCE STUDENT ORGANIZATION ACTIVITY HIGHLIGHTS

To convey a more complete picture of ASCE Student Organization activities, it is suggested that a brief summary giving the highlights of each professional meeting and other activities be prepared on additional sheets and included as Attachment D to this Annual Report. Other activities would include any ASCE Student Organization field trips, social activities, competition projects, and activities that enhance the overall ASCE Student Organization program at your school. Please include any joint meetings and activities with other organizations, including National Engineers Week activities. Community service projects, hosting a Student Conference, National Concrete Canoe Competition, and National Student Steel Bridge Competition, and other activities that benefit more than the ASCE Student Organization should be described in the next section, “Special Projects.” Please limit the summary of each meeting/activity to one page.
ASCE encourages its members to provide leadership in special projects. Thus, it is appropriate for ASCE Student Organizations to undertake special projects that will fit in with the “people serving” role of civil engineering. To foster these “people server” activities, the Committee on Student Activities awards up to 40 points on your Annual Report score for special projects. Since you will be accomplishing your projects as an ASCE organization, the most appropriate activities are those requiring engineering expertise, although other service efforts are worthwhile. Successful projects are often published in *ASCE News*. A list of examples can be found in the ASCE Student Organization Handbook.

To be considered an acceptable special project, the project must have benefits outside the ASCE Student Organization and ASCE. Construction of a concrete canoe, steel bridge, or a fundraising project for your ASCE Student Organization does not qualify. The project should be directed toward community service or a project on campus that is for the benefit of more than just the ASCE Student Organization and its members. Hosting a Student Conference, National Concrete Canoe Competition, or National Student Steel Bridge Competition involves community participation and does qualify as a special project.

If you do undertake special projects, they must be documented by report in narrative form using an accepted format for technical report writing. This form will provide a record of your activities for your own ASCE Student Organization files, make the project reports suitable for publication, and make it possible to be evaluated fairly. Keep in mind that special projects may well represent your group’s best opportunity to achieve its goals and objectives. Consider pointing out in the special project report which goals and objectives were addressed as part of the project.

In order to assist you with the organization of your report on special projects, use either the cover page found on page 13 or use a cover sheet including the same information for each project. The body of the report should follow the cover page. It should contain the narrative description of your project complete with photographs, news releases and other information necessary for the complete documentation of your efforts in the “people serving” area. Include these special projects as Attachment E of this Annual Report.

In recognition of outstanding community service at the ASCE Student Organization level, the Committee on Student Activities may award special prizes and/or recognition.
PART III
REPORT PRESENTATION

Up to five points may be awarded to your ASCE Student Organization based upon evaluation of the overall report organization and presentation effectiveness. This evaluation will not be based on a special cover, special paper, binding or colored photographs. Make it easy for the evaluators to review your report. Remember that a report exceeding the maximum limit of 100 pages will receive a score of zero for Part III.

Often overlooked is the fact that a professionally prepared, high quality report can serve as an excellent promotional/marketing tool for your ASCE Student Organization. Use your Annual Report to illustrate to others (e.g. prospective members/officers, Department Chair/Head, College Dean, University President, Section/Branch Members, etc.) what your ASCE Student Organization has done over the past year. Be proud of your accomplishments!

PART IV
ASCE STUDENT ORGANIZATION OBJECTIVES

Up to ten points may be awarded to your ASCE Student Organization based upon evaluation of your ASCE Student Organization’s stated overall goals and objectives.

State the overall goals and objectives of the ASCE Student Organization and how the programs and activities have accomplished (or not accomplished) these goals and objectives. This statement and description of objectives should be included as Attachment F of the ASCE Student Organization Annual Report.

A key to a successful ASCE Student Organization is to establish goals and objectives at the beginning of a school year or as the officer elections take place. These goals give you something to strive for and allow the ASCE Student Organization to constantly reference for direction. Assessment of your progress toward meeting your goals and objectives should be an equally important part of your leadership activities. Officers could gather at least once a month and evaluate your goals and objectives.

Your goals and objectives should be just that – yours! When brainstorming and setting your goals and objectives in concrete you might consider why you became a civil engineering major and why you became an ASCE Student Organization officer. Finally, you might consider your school’s civil engineering program outcomes and objectives. Each civil engineering program is required to have such outcomes and objectives as part of their ABET accreditation.

PART V
ASCE STUDENT ORGANIZATION ADVISOR EVALUATION AND AWARD NOMINATION

There is often a correlation between a successful ASCE Student Organization and an active, involved advisor. It is your ASCE Student Organization’s responsibility to advise the Committee on Student Activities on the effectiveness – as well as the ineffectiveness – of your Faculty and Practitioner Advisors. The Evaluation of Advisory Personnel form found on page 15 must be completed by the ASCE Student Organization. This evaluation form should be submitted at the same time as the annual report but sealed in a separate envelope.

In an effort to recognize and reward the dedication required to be an ASCE advisor, the Committee on Student Activities offers Advisor Awards based on nominations received from students. If your ASCE Student Organization would like to nominate your Faculty Advisor and/or Practitioner Advisor for Society-level recognition, please complete the nomination form found on page 16. One nomination form must be completed for each person being nominated. Please note that submission of the Evaluation of Advisory Personnel form is not considered a nomination. Completed nominations should be included with the advisory personnel evaluation in a separate envelope and submitted with the ASCE Student Organization Annual Report. (It should not be included as an attachment to the report as required in past years.)

Nominations will be reviewed with the annual report, and special recognition will be given to those Faculty Advisors and Practitioner Advisors who have significantly contributed to the success of an ASCE Student Organization. “ASCE Advisor of the Year” awards will be made to the top advisors nominated. If you are nominating your Advisor please take the time to prepare a complete write-up of your thoughts and experiences with this Advisor. A well thought out and prepared nomination is very important.
PART VI – STATISTICAL INPUT

The information requested in this section is drawn from the numbers your ASCE Student Organization reports in Parts I & II. A review committee will compute scores using the Review & Rating Sheet located on page 12. Use the review and rating sheet as a guide to see which direction your ASCE Student Organization could develop.

Please refer to Parts I and II of the report to fill in the required information below. The location of the required information within the report is noted. Also included below are CSA comments (in italics) relative to each review/rating item. The CSA encourages you to consider these comments when setting goals and planning activities for your ASCE Student Organization.

For informational purposes only:

Has your ASCE Student Organization collaborated with other student organizations on your campus in the last 12 months?  

X Yes  

No  

If yes, please indicate which organizations:  Steel Ring, Chi Epsilon, Engineering Student Council  
All other engineering disciplines’ professional societies ITE

Recorded in Part I. C. (Page 2)

1. a.  (Total Jr. & Sr. ASCE Student Organization Members) ÷ (Total Jr. & Sr. Eligible) = 63.7%  

b.  (Total Society-level Student Members) ÷ (Total Local Student Members) = 49.4%  

Membership numbers are impressive but remember that there is always growth potential. Encourage local members to become Society-level ASCE members. Society-level membership allows your members to take advantage of the same valuable benefits available to civil engineering professionals. Invite local Section/Branch members, faculty, and practitioners to speak on the importance of professional membership and what employers are looking for on the resumes of graduates.

Recorded in Part I. E. (Pages 3-4)

2. Number of Professional Meetings  11  

You can work with your current membership, Department Chair/Head and faculty, local Section/Branch leadership, and Faculty/Practitioner Advisors to bring in professionals who will be willing to share their experiences with you.

3. Number of student talks or papers at ASCE Student Organization meetings  2  

It is always a good idea to have student members discuss their internship/summer work experiences. They can present design project results as well. Meetings consisting of well prepared student presentations are usually quite interesting.

4. Number of meetings with Licensure/Ethics programs  1  

This is an oft overlooked item. See if you can find someone local that has been faced with a moral/ethical dilemma in an engineering setting and ask them to speak on the topic. It can really get the students talking and thinking about ethical behavior. Another suggestion might be to ask a local professional engineer (PE) to join one of your meetings and speak on the importance of registration and the steps involved to becoming licensed in your state.

5. Number of ASCE Student Organization sponsored field trips  1  

Try connecting with faculty that organize class field trips. If you can open a trip up to all ASCE students, then you can count it as an ASCE field trip. Remember that field trips are an excellent way to tie classroom knowledge to real-life projects that your chapter members will soon be working on.

6. Number of ASCE Student Organization sponsored social functions  3  

Social activities are a great way to introduce your current members and ASCE Student Organization activities to faculty, Section/Branch members, new freshman, and community college transfer students. Always remember that a primary objective of your ASCE Student Organization should be to have fun!
7. \( \frac{\text{Average Meeting Attendance}}{\text{Total Local Student Members}} = 66.11\% \)

A key to a successful ASCE Student Organization is getting as many people involved as possible. The ASCE Student Organization officers are often relied upon to do a bulk of the work. The more members you have attending meetings, the greater opportunity for committee development and sharing of responsibilities.

8. Did your ASCE Student Organization host at least one ASCE Section/Branch/Technical group meeting? (Yes or No)

A partnership between your ASCE Student Organization and the local Section/Branch is a great way for your membership to meet local professionals with common career interests. This activity could involve a social activity (i.e. BBQ, softball game, etc.) to attract more attendees.

9. Number of students who attended an ASCE Section/Branch/Technical group meeting 54

If you show up at Section/Branch meetings, all sorts of good things can happen. Section/Branch members will likely feel more kindly about providing funding, speakers, field trips, and other forms of support. Students can also make contacts that will lead to employment. You should consider hosting!

Recorded in Part II. A. (Page 5)

10. Number of representatives that attended the ASCE Student Conference 42

Remember that there is more to Student Conferences than the competitions. It is a great place to trade ideas with other schools and to make friends that may have an influence on your career in the future. It is good to send as many members as possible. Many schools have student members pay some or all of their travel expenses so that they can take even more team members.

11.a. Did your ASCE Student Organization send student representation to the WSCL? (Yes or No)

b. Did your ASCE Student Organization send Advisory (Faculty or Practitioner) representation to the WSCL? (Yes or No)

The WSCL is an extremely valuable ASCE Society-level event that benefits your program directly. Send as many of the officers as you can, and make sure that your faculty and practitioner advisors understand the importance of their participation as well. This is where you learn what ASCE is all about and gain tools for making your ASCE Student Organization the most effective that it can be.

Recorded in Part II. B. (Page 5)

12.a. Number of ASCE Student Organization Newsletter issues published 10

b. Does the ASCE Student Organization maintain a homepage? (Yes or No)

Newsletters and web sites work together to keep your members and benefactors informed as to what you are doing. Newsletters help remind people to check out your web site. Your web site, if well maintained, can provide the latest information about activities. The combination can really make a difference. Electronic distribution of newsletters is acceptable. However, email announcements do not constitute a newsletter.
Recorded in Part II. C. (Page 5)

13. Number of presentations by an ASCE Student Member made outside an ASCE Student Organization Meeting: 4

Check into making presentations to your local Section/Branch or to local civic groups. You can talk about your performance at Student Conference, special projects, etc. Also, sharing your ASCE Student Organization activities with local elementary, middle-school, and high school youth is a great way to share information on your college and future profession. Many opportunities exist – investigate! Remember that speaking outside the ASCE Student Organization represents an excellent marketing/promotion opportunity. Plus, the individual speakers learn and practice valuable communication skills.

Recorded in Part II. D. (Page 6)

14. Did a member of your ASCE Student Organization submit a Mead Paper to ASCE HQ? (Yes or No)

This is a wonderful opportunity to explore engineering ethics topics that are overlooked by the vast majority of the ASCE Student Organizations. Check out the paper competition rules and topic on the ASCE web site at http://www.asce.org/students.

Recorded in Part II. E. (Page 6)

15.a. Number of student members attending ASCE Society-level Events: 0

b. Did your Faculty Advisor attend? (Yes or No)

The ASCE Annual Conference is an excellent opportunity for ASCE Student Organization members to participate in technical sessions, field trips, and Younger Member activities while meeting and networking with students, faculty, and industry professionals from around the world.

Recorded in Part II. F. (Page 6)

16.a. Did your Faculty Advisor attend a Practitioner & Faculty Advisor Training Workshop? (Yes or No)

b. Did one of your Practitioner Advisors attend a Practitioner & Faculty Advisor Training Workshop? (Yes or No)

The Practitioner & Faculty Advisor Training Workshop (PFATW) is a great opportunity for ASCE Advisors to participate in a community with other advisors, where they can impart the value and purpose of ASCE Student Organizations and receive tools useful in making their student chapter function.
Report Attachments

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Please attach additional information requested throughout the report in an organized manner. Attachments A-F should consist of the information stated below. Please fill in the page number of the report where the information is located.

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Local and National Member Lists
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Attachment B

Sample Meeting Announcement

Sample Meeting Agenda

Sample Dinner Program

Presentation to Civil Engineering Advisory Board

Website Homepage
Below is a sample meeting announcement that is posted throughout the civil engineering wing of the engineering complex during the week of ASCE meetings.

CE 015
ASCE ASSEMBLY
THURSDAY
MAY 3, 2007
7PM
DUF 1107

Last Assembly of the semester
Senior Design presentations and officer elections
A sample agenda for our ASCE Assembly held on September 14th is shown below.

K-State ASCE Assembly

October 11, 2007 – 7:00 pm
Fiedler 1107

Agenda

I. Welcome and Officer Reports
   a. Vice-President – Lauren Brown
   b. Treasurer – Trent Daniel
   c. Recording Secretary – Coby Hinman
      i. Attendance updated on K-State Online
      ii. Only 3 more chances for assembly credit
   d. Corresponding Secretary: Chad Banka
   e. Newsletter Editor: Becca Nygut
      i. ASCE Profile – Bill Marcason
      ii. Professor Profile – Dr. Hani Melhem
   f. Historian – Jay Aber
      i. ASCE Trivia Game – Students vs. Bill Marcason
   g. Snu-Co Rep – Tracy DeWitt
   h. Freshman/Sophomore Rep – Tyler Ummel
   i. Graduate Student Rep – L.J. Dickens
   j. Activities Chair – Scooter Engquist
      i. KSU/KU Joint Dinner – Nov. 8th at KSU
   k. Special Projects Chair – Cody Cates
      i. Possibility of doing concrete benches
   l. 100 Years Chair – Eric Bryd
      i. 100 year celebration starts next semester
   m. Open House Chairs – Wilson Smith and Rob Murphy
   n. Steel Bridge Chairs – Brian Coomes and Joey Holste
   o. Concrete Canoe Chairs – Kai Howard and Paul Bruss
   p. Webmaster – Douglas Duncan

II. Recognition of Practitioner Advisors
   a. Dave Karnowski
   b. Earl Tast
   c. Lifetime Honorary Contact Member – Bob Thorn

III. Recognition of Faculty Present

IV. Vice-President – Lauren – Introduction of Speaker

V. Thanks Bill Marcason for speaking and everyone for attending.
The program from the K-State/KU/ASCE Kansas Section Joint Dinner is shown below. The event was held on November 2nd at Kansas State University. 42 student representatives from K-State attended.

K-State/KU ASCE Joint Dinner

6:00 - Social

6:30 – Dinner
   Co-Sponsored by the ASCE Kansas Section and Kansas State Department of Civil Engineering

7:00 – Welcome & Recognition of Attendees
   Josh Lipscomb, Kansas State University ASCE President
   Nicole Carroll, University of Kansas ASCE President

7:15 – ASCE Kansas Section
   - Introduction of Officers
   - Recognition of Honorary and Lifetime Members
   - Outstanding Senior Award Presentation
     - University of Kansas
     - Kansas State University
   - Other business

7:45 – Introduction of the Speaker
   Scooter Enquist, Kansas State University ASCE Activities Chair

Speaker
   Jon D. Nelson
   Vice-President Tetra Tech FHS
   Topic: Elements of Professionalism
Below is the presentation that was presented to the K-State Civil Engineering Advisory Board on September 22nd. The Advisory Board includes ten practicing Civil Engineers that are responsible for setting policy and the overall direction of the Civil Engineering curriculum at Kansas State University.

Goals & Objectives

- Make ASCE more appealing to students
- Improve student chapter’s standard of excellence
- Enhance current ASCE activities & services

Make ASCE more appealing to students

- Conduct efficient meetings
- Icebreaker activities
- Show relationship between ASCE involvement and career opportunities.

Improve Student Chapter’s Standard of Excellence

- Achieve excellent commendation ratings
  - Robert Ridgeway Outstanding Student Chapter Award
- Select more beneficial service projects
- Document All Activities

Enhance Current ASCE Activities & Services

- Highway Cleanup

Questions/Comments
Attachment C

Sample Newsletter

Print-out of Web site
Welcome to ASCE Assembly

October 11, 2007

In This Issue:
1. Tonight’s agenda
   Guest Speakers:
   W.F. (Bill) Marcuson III
2. ASCE Profile:
   W.F. (Bill) Marcuson III
3. News and Notes
4. Professor Profile:
   Dr. Hani G. Melhem
5. Fall 2007 Schedule
   Fall 2007 Officers

CE Polo’s
The Polo’s should be in by Friday, October 19.

Contact Chad Banka to pick yours up or bring your $25 to the next assembly on October 25th.

Habitat for Humanity
Another possible Manhattan area project on Saturday, October 27. This will count as one CE credit.
For more information, contact Cody Cates: ccates@ksu.edu

Tonight:

Introductions:
Josh Lipscomb
Practitioner Advisors:
Dave Karrnowski
Earl Tast
Honorary Lifetime Contact Member:
Bob Thorn
Faculty Advisors:
Dr. Melhem and Dr. Stokes

Officer Reports:
President: Josh Lipscomb
Vice President: Lauren Brown
Treasurer: Trent Danel
Recording Secretary: Coty Hinman
Corresponding Secretary: Chad Banka
Newsletter Editor: Becca Nyght
Historian: Jay Aber
Stu-Co Rep: Tracy DeWitt
Freshman/Soph Rep: Tyler Ummel
Graduate Student Rep: LJ Dickens
Activities Chair: Scooter Engquist
Special Projects Chair: Cody Cates
100 Years Chair: Eric Byrd
Open House Chairs: Wilson Smith
Steel Bridge Chairs: Rob Murphy
Concrete Canoe Chairs: Brian Coones
Activities Chair: Joey Holste
Webmaster: Kait Howard

Agenda:
Announcements: Josh Lipscomb
Introduction of Speaker: Lauren Brown
Speakers: W.F. (Bill) Marcuson III
Topic: “The Vision of Civil Engineering in 2025”
W.F. (Bill) Marcuson III
President of the American Society of Civil Engineers
will present

The Vision for Civil Engineering in 2025

This presentation will lay out the global vision for civil engineers in 2025. Bill’s vision applies to civil engineers, but it will also be important to many professionals who will be practicing in 2025 and beyond. He will delve into the body of knowledge needed as well as the skills, attitudes, and attributes that will be essential for effective and relevant professionals.

A reception in Fiedler Atrium will follow immediately

This event is a part of those scheduled to mark the 100th anniversary of the establishment of the Civil Engineering Department at Kansas State in 1907. It is sponsored by the Civil Engineering Department and the American Society of Civil Engineers.

Biography: Bill Marcuson received his BS in Civil Engineering from the Citadel, MS Civil Engineering from Michigan State University and Ph.D. in Civil Engineering from North Carolina State University. He joined the staff of the USACE Waterways Experiment Station in 1970. His research focused on soil behavior related to geotechnical problems, seismic design and analysis of embankment dams and seismically-induced liquefaction of soils. Bill served as director, Geotechnical Laboratory, from 1981 until his retirement in 2000. As director, he was responsible for research and development in soil mechanics, engineering geology, rock mechanics, earthquake engineering, geophysics, military pavements and Army mobility.

Bill is a consultant on geotechnical problems and projects, especially those involving seismic remediation, ground improvement and dam safety, to numerous national and international organizations.

He is a licensed Professional Engineer in Mississippi and South Carolina, a Chartered Engineer in the United Kingdom, and a Fellow and Honorary Member of ASCE. He has received five national awards from ASCE, including the Norman Medal, civil engineering's oldest honor. In 1995, he was honored by the National Society of Professional Engineers as their Federal Engineer of the Year. He is the only engineer to be named the Corps of Engineer’s Engineer of the Year twice (1981 and 1995) and he is a member of the National Academy of Engineering.
STEEL BRIDGE

Brief Synopsis:
Officially known as the Student Steel Bridge Competition, it is the premiere inter-collegiate steel bridge competition. In which civil engineering students design, fabricate and construct a steel bridge. After construction the bridge is then tested at the regional competition by applying a given load. If the bridge performs well enough, it will be tested again at the national competition. The competition is sponsored by the American Institute of Steel Construction (AISC) and the American Society of Civil Engineers (ASCE). It is also co-sponsored by the American Iron and Steel Institute and the James F. Lincoln Arc Welding Foundation.

Competition:
There are two levels of competition: regional and national. Regional competitions are held in conjunction with ASCE regional conferences. Only one bridge per university is entered into the regional competition, and a university can only compete in one region. Invitations to compete at the national level are extended only to the winner from a region with two, three or four participating universities, to the top two teams from a region with five to ten participating, and the top three teams from a region with eleven or more participating universities.

CONCRETE CANOE

Brief Synopsis:
Officially known as the National Concrete Canoe Competition, it is the premiere collegiate concrete canoe competition. Creating a canoe that can float is only half the battle. The other half involves designing, fabricating, building and racing a canoe that is fast, agile and maneuverable; all with concrete! Do you want to know how this is possible? If so, attend the next meeting in the basement of Fiedler Hall.

Competition:
At the concrete canoe competition, the canoe is judged on aesthetics, speed, and maneuverability. The team is judged on a technical paper, presentation, and team spirit. This year’s regional competition will be held at the University of Missouri in Columbia. One of the most exciting days of the competition is race day. Teams gather around a local lake to watch and cheer as team members compete in slalom, sprint, long distance, and coed races. Winners of the regional competition are invited to the national competition.

Institute of Transportation Engineers
- Various Guest Speakers and Product Demonstrations
- Resume Building and Mock Job Interviews
- Networking with Professional Civil Engineers throughout the Midwest
- Local Transportation Field Visits
- Community Service Projects
- First Year is Free!
- Open to all Civil Engineering Majors

If you are interested in learning more about the K-State ITE chapter, please contact:
President: Kyle Warta, warta@ksu.edu
Advisor: Brian Coon, bcoon@ksu.edu

Website
For more information on Steel Bridge and Concrete Canoe, or ASCE in general, please visit the K-State’s ASCE website at: www.engq.ksu.edu/asce
Dr. Melhem was born in Cairo, Egypt and went to a Jesuits School for his K-12 education where he did most of his studies in French and Arabic. He then went to Cairo University from which he received a BS degree in Civil Engineering in 1981. Subsequently, he worked for three years as a designer in a major engineering consulting firm in Cairo. He came to the US in 1984 and went to graduate school at the University of Pittsburgh in Pennsylvania from which he received in 1987 two MS degrees, one in Civil Engineering and the other in Applied Mathematics, and later in 1989, a Ph.D. in Structural Engineering. He then worked at Pitt for a couple of years as a Research Assistant Professor as principal investigator of a research contract from the Federal Highway Administration involving fatigue assessment of steel bridges.

Since joining the CE Faculty at KSU in 1991, Dr. Melhem has taught 14 different undergraduate and graduate courses. He worked on several research projects sponsored by the Kansas Department of Transportation involving Artificial Intelligence, experimental testing and modeling of steel and concrete girders, accelerated pavement testing, the effect of impact on bridges, and health monitoring of structures. He was CE graduate program director from 1996 to 2002. In 1993, he originated the annual Bridge Design Workshop at KSU and has been the workshop director since then. He is author of more than 75 publications and technical reports. He also made numerous presentations at national and international conferences. From 1994 through 1996 Dr. Melhem was in charge of planning, constructing, and developing the full-scale accelerated testing facility at the KSU industrial park and was the director of this facility till 2000. This facility has now become the Civil Infrastructure Systems Lab (CISL).

Dr. Melhem is a member of several professional organizations including the American Society of Civil Engineers (ASCE), Prestressed Concrete Institute (PCI), Society of Experimental Mechanics (SEM), and American Society of Engineering Education (ASEE). He serves on a number of ASCE national committees including the committees on Steel Bridges, and on Experimental Analysis and Instrumentation. He is also past-chair of the ASCE Committee on Intelligent Computing, and previously served as secretary and acting chair of the committee on Emerging Computing Technologies (Structural Division). He's been the chief technical editor of the ASCE Journal of Computing in Civil Engineering since 2001, is now vice-president of the Executive Committee of the Technical Council on Computing and Information Technology of ASCE, and vice-president of the ASCE Global Center of Excellence on Computing. Last October he completed his term as President of the Kansas Section of ASCE.

For the past few years, Professor Melhem has been your ASCE KSU-Student Chapter advisor and Steel Bridge team advisor. He is also the Undergraduate Program Director. He represents Civil Engineering at several college committees including: Course & Curriculum, Academic Standards and Advising, International Programs, and Program Assessment Task Force. This semester (Spring 2007), he is teaching Structural Design in Steel (CE 542) and the Senior Project (CE 585), in addition to being in charge of the Assembly (CE 015). He received several awards including Chi Epsilon Excellence in Teaching Award in 2003, Student Advocate Award in 2005, Undergraduate Teaching Excellence Award in 2006, and ASCE Outstanding Faculty Award in 2006.

Dr. Melhem likes art especially painting and music. His favorite sport activity is swimming. He has a wonderful wife, two daughters, one is a sophomore at K-State and the other is a senior at Manhattan High School, and a son attending Amanda Arnold Elementary School. They are all very pleased to call Manhattan home and enjoy living in this nice college community.
## Remaining Schedule Fall 2007

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<th>Event</th>
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<tr>
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<td>*Assembly</td>
<td>7:00PM</td>
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<td>October 18th</td>
<td>Officer’s Meeting</td>
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<td>November 29th</td>
<td>*Assembly</td>
<td>7:00PM</td>
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<td>December 6th</td>
<td>*CE Banquet (TBA)</td>
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*counts as Assembly Credit

### Fall 2007 ASCE Officers

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<tr>
<td>President</td>
<td>Josh Lipscomb</td>
<td><a href="mailto:lipscomb@ksu.edu">lipscomb@ksu.edu</a></td>
</tr>
<tr>
<td>Vice President</td>
<td>Lauren Brown</td>
<td><a href="mailto:rrb@ksu.edu">rrb@ksu.edu</a></td>
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<tr>
<td>Treasurer</td>
<td>Trent Dansel</td>
<td><a href="mailto:tdansel@ksu.edu">tdansel@ksu.edu</a></td>
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<tr>
<td>Corresponding Secretary</td>
<td>Chad Banka</td>
<td><a href="mailto:cbanka@ksu.edu">cbanka@ksu.edu</a></td>
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<td>Recording Secretary</td>
<td>Coty Hinman</td>
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<tr>
<td>Newsletter Editor</td>
<td>Becca Nyght</td>
<td><a href="mailto:rnyght@ksu.edu">rnyght@ksu.edu</a></td>
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<tr>
<td>Historian</td>
<td>Jay Aber</td>
<td><a href="mailto:aberjay@ksu.edu">aberjay@ksu.edu</a></td>
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<td>Stu-Co Rep.</td>
<td>Tracy DeWitt</td>
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<tr>
<td>Fresh/Soph Rep.</td>
<td>Tyler Ummel</td>
<td><a href="mailto:ummel3@ksu.edu">ummel3@ksu.edu</a></td>
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<td>LJ Dickens</td>
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<tr>
<td>100 Years Chair</td>
<td>Eric Byrd</td>
<td><a href="mailto:ebyrd@ksu.edu">ebyrd@ksu.edu</a></td>
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<tr>
<td>Activities Chair</td>
<td>Scooter Engquist</td>
<td><a href="mailto:rde7777@ksu.edu">rde7777@ksu.edu</a></td>
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<tr>
<td>Special Projects Chair</td>
<td>Cody Cates</td>
<td><a href="mailto:ccates@ksu.edu">ccates@ksu.edu</a></td>
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<tr>
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<td>Douglas Duncan</td>
<td><a href="mailto:douglas2@ksu.edu">douglas2@ksu.edu</a></td>
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<tr>
<td>Open House Chairs</td>
<td>Wilson Smith</td>
<td><a href="mailto:wasi@ksu.edu">wasi@ksu.edu</a></td>
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<td>Rob Murphy</td>
<td><a href="mailto:murph40@ksu.edu">murph40@ksu.edu</a></td>
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<tr>
<td>Concrete Canoe Chairs</td>
<td>Kait Howard</td>
<td><a href="mailto:kait2@ksu.edu">kait2@ksu.edu</a></td>
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<td>Paul Bruss</td>
<td><a href="mailto:pjb2@ksu.edu">pjb2@ksu.edu</a></td>
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<td>Steel Bridge Chairs</td>
<td>Brian Coomes</td>
<td><a href="mailto:bcoomes@ksu.edu">bcoomes@ksu.edu</a></td>
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<td>Joey Holste</td>
<td><a href="mailto:joeyh@ksu.edu">joeyh@ksu.edu</a></td>
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Feel free to send comments and suggestions for the newsletter to: rnyght@ksu.edu
The homepage for our ASCE chapter website is shown below and can be found at http://www.engg.ksu.edu/asce/.
Attachment D

Activity Highlights

Assembly
Joint Dinner
ASCE Picnic
Steel Bridge
Concrete Canoe
Open House
Faculty Awards
Assembly

The K-State ASCE Student Chapter holds approximately six Assembly meetings each semester. These meetings allow officers, faculty, advisors, and students to interact and learn about the profession of Civil Engineering. Five Assemblies feature industry speakers that present topics from every discipline of Civil Engineering. The final assembly each semester is devoted to the Senior Design Project Class. This Assembly allows the graduating seniors an opportunity to present their work from the semester to every age group within Civil Engineering, thereby giving younger students the chance to see where their education in the next few years will allow them to do.

Below is the list of Assembly topics that industry representatives and faculty presented during the past year:

- Life of an engineer immediately after college
- Construction of the Charles B. Wheeler Downtown Airport in Kansas City, Missouri
- Financial literacy in civil engineering
- Status of military engineering in the United States and abroad
- Ethical dilemmas in engineering
- The consulting side of civil engineering
- Lake Development – creating a lifestyle while balancing
- Future of civil engineering – vision of civil engineering in 2025
- The public service side of civil engineering

K-State civil engineering students lining up for pizza provided by Kimley-Horn & Associates before the September 13th ASCE Assembly.

Students file into the Fiedler lecture hall before the September 13th ASCE Assembly.
Joint Dinner

The K-State/KU/ASCE Kansas Section Joint Dinner is an excellent opportunity for representatives from each group to interact and discuss the direction and status of the profession of Civil Engineering in Kansas. The dinner is held at the University of Kansas in the spring and at Kansas State University in the fall. Each meeting allows time for the two student chapters to discuss the status of their respective organizations, gives faculty and ASCE Kansas Section members a chance to discuss academic and professional considerations, and is followed by dinner and a speaker.

K-State hosted the fall dinner on November 8, 2007. The program included ASCE Kansas Section awards and a speech by John Nelson, Tetra Tech, about the professionalism and ethics needed to be a professional engineer.

John Nelson of Tetra Tech speaking on ethics and professionalism during the semi-annual K-State/KU Joint Dinner held on November 8th at K-State.

Members of the KU and K-State faculty, staff and ASCE student chapters chat before the start of the Joint Dinner.
ASCE Picnic

The K-State ASCE bi-annual picnic is one of the best ways our chapter has found to encourage student-faculty interaction in a relaxed atmosphere. The picnic is simply a cookout sponsored by ASCE that usually consists of numerous BBQ hamburgers and hotdogs, baked beans, salads, chips, cookies, and lemonade. All dues-paying ASCE student members, faculty, advisors, and staff in the Civil Engineering Department are highly encouraged to attend. Activities such as softball, volleyball, basketball, and football allow friendly competitions to culminate between faculty and students, always making for an interesting evening.

Faculty, staff, and students try to organize teams for football and softball prior to the semi-annual ASCE Picnic.

Students enjoy hamburgers and hot dogs cooked by the ASCE President during the semi-annual ASCE Picnic on October 5th.
K-State’s Steel Bridge Team set record marks in involvement, professional development, and ultimately performance on their way to qualifying for the national competition for the third year in a row. The team consisted of 22 undergraduate students representing every discipline and academic year within the Civil Engineering program. At the beginning of the year, the co-chairs set specific goals for each member to assure that the Steel Bridge Team would stress and encourage the same values ASCE stresses for its professional and student members.

Requirements to travel to each competition and participate in Steel Bridge activities were as follows:

1) Join ASCE as a student member at both the local and national levels.
2) Participate in at least one night of the college-wide telephone fundraising campaign.
3) Attend 75% of the team’s meetings throughout the academic year.

At the regional competition in Lawrence, Kansas, the team placed second out of 11 colleges and universities in the Mid-Continent Region, qualifying the team for the national competition. Following nearly 100 person-hours of modifications and building practice, the team placed 31st in a field of 45 at the national competition in Los Angeles, California over the Memorial Day weekend.
Concrete Canoe

The KSU Concrete Canoe team is a student led club within the KSU student chapter of ASCE. Members of the team worked all year to design and create a canoe to race and be judged at the regional competition. Concrete Canoe gives students hands on experience in problem solving, time management, design, leadership, and teamwork. The teams is also a way for students to get involved, bond with their classmates, and have fun representing the College of Engineering. At the concrete canoe competition, the canoe is judged on aesthetics, speed, and maneuverability. The team is judged on a technical paper, presentation, and team spirit. This year’s regional competition was held at the University of Kansas in Lawrence. A new type of canoe design, mold, and team structure led to improvement in the team’s regional standings and an overall finish of 6th place, improving from previous years and positioning the team for great success in the future.

The K-State Concrete Canoe team racing in one of the sprints at the KU Regional Competition on April 28th.
Open House

Kansas State University’s Open House allows the ASCE Student Chapter to display its involvement in the Civil Engineering Department by setting up and operating booths, displays, and projects. Professional societies, alumni, prospective students, industry representatives, and the general public are all present for the daylong event that sees 10,000 people enter our engineering complex on campus. Two chairpersons are selected each fall to organize the event in accordance with the rules governing the display requirements, set-up times, and locations.

K-State Civil Engineering also sponsors a Balsa Wood Bridge Competition for high school students from around the state during this time. Competitors design and build a wooden model bridge that is loaded to failure during the peak of activities on Saturday. This event exposes high school students to a variety of Civil Engineering career paths as the competitors walk through the department while they are waiting for a turn at the competition.

Sarah Grotheer, Spring 2006 ASCE President, in the process of organizing the ASCE display table for Open House.
Faculty Awards

The ASCE Student Chapter sponsors two faculty awards per academic year. Nomination forms are available to all students through e-mail or the department office to vote for each award. The ASCE Advisor of the Year Award was established to reward advisors that seek to be an active part of their advisee’s academic and personal life at Kansas State University. The ASCE Outstanding Faculty Award is used to recognize professors that show genuine interest in student activities, academics, and overall student success. The forms below were used to determine the winner of each award during the past year.

### ASCE Outstanding Faculty Award

Name of Faculty: __________________________

1. How do you rate this person's relationship with his/her students?
   - Poor 1
   - Fair 2
   - Good 3
   - Very Good 4
   - Excellent 5

2. How do you rate this person's teaching style and organization?
   - Poor 1
   - Fair 2
   - Good 3
   - Very Good 4
   - Excellent 5

3. How do you rate this person's personality and level of activity within the Civil Engineering Department?
   - Poor 1
   - Fair 2
   - Good 3
   - Very Good 4
   - Excellent 5

4. How do you rate this person's involvement with ASCE and other student activities (titled Bridge, Concrete Canoe, etc.)?
   - Poor 1
   - Fair 2
   - Good 3
   - Very Good 4
   - Excellent 5

5. How do you rate this person as a communicator of knowledge to students?
   - Poor 1
   - Fair 2
   - Good 3
   - Very Good 4
   - Excellent 5

6. How do you rate the availability (office hours, walk-in, e-mail, etc.) of this person?
   - Poor 1
   - Fair 2
   - Good 3
   - Very Good 4
   - Excellent 5

7. If given a choice between two professors for the same course, would you try to enroll in the class taught by this person?
   - Yes
   - No

8. Do you feel this person cares about how much you learn and the depth of that knowledge?
   - Yes
   - No

Please include specific comments as to why you think this person should receive the Outstanding Faculty Award.

### ASCE Advisor of the Year 2007

Name of Advisor: __________________________

1. How many times have you visited your advisor during your tenure at K-State?

2. How many semesters have you been enrolled in civil engineering at K-State?

3. My advisor is very knowledgeable on the courses available at K-State. He/She can advise me on classes that I should take in order for me to get the correct amount of credits to graduate.
   - Strongly Disagree 1
   - Disagree 2
   - Neutral 3
   - Agree 4
   - Strongly Agree 5

4. My advisor is very personable when I visit him/her. We can talk about available internships, personal life, or about my career and collegiate goals in general. I do not feel intimidated to walk up to them or go to their office whenever I need assistance or guidance.
   - Strongly Disagree 1
   - Disagree 2
   - Neutral 3
   - Agree 4
   - Strongly Agree 5

Please include additional comments about the amount and quality of guidance your advisor has given you. These comments are very important in determining the advisor of the year.

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________________________

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Attachment E

Special Project Reports

ASCE Highway Cleanup
SPECIAL PROJECTS REPORT COVER SHEET

Project Title: ASCE Highway Clean-Up

Number of Students Who Worked on the Project: 53

Number of Person-Hours Spent on the Project: 133

Percent of ASCE Student Organization Membership Who Worked on the Project: 29.4%

Student Organization goals and objectives that were addressed during the course of this project:

This project allowed our chapter to address the following goal and objective for the past year:

1) Improve involvement within chapter.

This highway clean up was one the most successful clean-ups done in the past few years. The project required that all the officers attend the clean up and bring another member of ASCE. With that system, we were able to have a great turnout. We viewed this as an excellent opportunity to increase the involvement in our project with the ultimate goal of finding additional projects in the years to come.

Briefly describe the engineering component of this project:

This special project does not include a very large engineering component. There is not much to picking up trash; however, civil engineering does come into play with this project, in the form of transportation engineering. By clearing the roadway and adjacent medians and ditches of debris, the student chapter is contributing to the safety of the roadway by ensuring that outside objects do not affect driver’s habits. Additionally, all volunteers get a free “site visit” to experience the horizontal and vertical curves of a highway! This will help in transportation engineering, as it gives students a better idea of what they are designing. Due to the relative lack of an engineering component in this project, the current contract was not renewed and the student chapter is in the process of establishing several new service projects.

Project Abstract:

The K-State ASCE chapter has been involved with the Kansas Department of Transportation Adopt-A-Highway program for ten years. The project is a contractual agreement between the Kansas Department of Transportation and the ASCE Student Chapter at Kansas State University. The agreement states that we, as an ASCE chapter, have the responsibility of performing at least three clean-ups per calendar year. In turn, we receive two things:

1) Positive publicity by having the K-State ASCE Student Chapter’s name posted on highly visible road signs.
2) The opportunity to serve the community through volunteer action that has a noticeable impact on the environment that many community members interact with on a daily basis.

The chapter cleans two miles of Highway 24, a divided four-lane highway, from mile marker 325 to 327 as shown in Figure 1 on the next page. This equates to 16 lane miles, a median, and two ditches that require cleaning. The chapter has one year remaining on a two-year contract for this section of roadway. This spring, the student chapter conducted highway cleanups on two separate occasions. These, when combined with the cleanup in the fall of 2006, completed the contractual requirements.

Table of Contents:

Figure 1 – Highway Clean-Up Location page 36
Figure 1 – Location of the K-State ASCE Highway Clean-Up.
Attachment F

Objectives
Our ASCE Student Chapter had four main goals during the past year:

1) Look for new volunteer opportunities.
2) Continue to improve ASCE record keeping.
3) Improve involvement within chapter.
4) Improve involvement with faculty, employees, and Kansas Section of ASCE.

These goals are relatively hard to quantify; however, our officers, feel that significant progress has been made in each of these goal areas.

Look for new volunteer opportunities.

While our ASCE highway cleanup has been the primary service project for our chapter for a number of years, we have decided to explore the possibility of adding a second, more involved, service project. During the fall semester, we began speaking with Habitat for Humanity, so that we could help them with person-hours to complete some of their projects they had going on at the time. The local area Habitat for Humanity currently is waiting to spring to start a new house, which will provide many opportunities for our local ASCE Chapter. We have highly encouraged the incoming officers to continue seeking this or other volunteer opportunities that would allow our ASCE student chapter to better serve our community.

Continue to improve ASCE record keeping.

The officer notebooks have taken off and are being handed off to the new officers, as we wanted them to be. Along with the officer notebooks, a notebook for the annual report has been made and will continue to be updated with the appropriate content. In addition, for general note keeping, the ASCE Leadership room is in the process of being cleaned up and reorganized so that it will be used more like an office to help keep accurate and detailed reports in one location where everyone will be able to access the information.

Improve involvement within the Chapter.

Improving the overall attendance for the student members of the student chapter is an ever-evolving problem and we are continually looking at new approaches to get people involved and more willing to come and be active members. From this, we are encouraging people to become more involved at a younger age so that they can help guide the chapter in the future. In addition to the meetings, involvement in other groups such as Steel Bridge, Concrete Canoe, and Open House Committee, has seen a significant increase in attendance in recent years. New events like ice skating is also helping to attract students to more ASCE activities.

Improve involvement with faculty, employers, and the Kansas Section of ASCE.

There has always been talk to improving relations with everyone not directly involved with the happenings inside the Kansas State University Student Chapter and we are making progress with this. Faculty attendance to the meetings has been up this past year and employers are still knocking at the door to come and speak. As for the Kansas Section, we are still working on ways to get them more involved and will continue to work on that in the future.