Kansas State University

American Society of Civil Engineers
Student Chapter

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  – http://www.engg.ksu.edu/asce/newsletter
### Student Officers Spring 2014

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<th>Officer Type</th>
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<th>Email</th>
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- Robert Schweiger: rschwei2@ksu.edu (913) 638-8567

**Concrete Canoe**
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### Student Officers Fall 2014

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**Concrete Canoe**
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**Open House**
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**Advisers**
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- Dr. Hani Melhem: melhem@ksu.edu
Advisors

- Faculty Advisors
  - Dr. Kyle Riding
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  - Dr. Hani Melhem (Spring 2014)
    - melhem@ksu.edu
  - Dr. Asad Esmaeily (Fall 2014)
    - asad@ksu.edu

- Practitioner Advisors
  - Dave Karnowski
    - karnowski@kansas.net
  - Peter Clark
    - clarkp@ci.manhattan.ks.us

Financial Summary

- Dues ($15/year, $10/semester)
- As of December 31, 2013
  - Total income: $8269.70
  - Total expenditures: $8722.66
  - Cash balance: $-452.96
  - Accounts receivable: $455.00
  - Accounts payable: 0
Goals and Objectives

- Summary statement
- Title of Goal 1
- Title of Goal 2
- Title of Goal 3

Title of Goal 1

- Detailed description
- Action plan
- Assessment
- Follow-up plan for the future
**Title of Goal 2**

- *Detailed description*
- Action plan
- Assessment
- Follow-up plan for the future

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**Title of Goal 3**

- *Detailed description*
- Action plan
- Assessment
- Follow-up plan for the future
Membership Statistics

- Total number of members
- Total number of ASCE National Society-level members
- Percent of members are Society-level members (Society-level/total members)
- Number of members with Junior and Senior status
- 160 Juniors and Seniors eligible to join ASCE (CE declared majors)
- Percent of eligible Juniors and Seniors that are members (Jr&Sr members / Jr&Sr eligible)

Meeting Statistics

- Number of professional meetings with an invited speaker
- Number of student talks and papers
- Number of professional licensure and ethics topics presented
- Number of field trips
- Number of social functions
Meeting Title

- Highlight a FEW of the best-attended meetings, using one slide per meeting
- Briefly describe the program and speaker
- Report the number of attendees
- Explain why it was popular
- You DON’T need a slide for every meeting throughout the year

January 30\textsuperscript{th} Assembly

- NCSPA spoke about the cost benefits of steel over concrete
- Bob Ringer gave very good points in regards to corrugated steel
- 203 Students attended the assembly
- It was the first assembly of the year and many people had time to devote to the assembly
February 20\textsuperscript{th} Assembly

- K-State professor came and spoke about his experiences as a Civil Engineer
- The presentation was probably the best of the semester, Ryan McGrath was entertaining and informative.
- 180 students showed for this assembly
- The assembly was a popular one due to the fact that most of the students know who Mr. McGrath is and looked forward to hearing from someone they could relate to.

March 6\textsuperscript{th} Assembly

- Affins Corp sent a representative who mainly emphasized the work traffic engineers do
- Kurt Rotering seemed to be very motivated to discuss his work in traffic engineering and his experience.
- 173 students attended
- The assembly drew a large crowd because Mr. Rofering was capable of conveying his appreciation for his work in a way that made others maintain interest. Also he brought free stuff.
Spring ASCE Picnic

- April 3, 2014
- Hosted by ASCE Younger Members Chapter (Over 100 students in attendance)
- Students enjoyed a BBQ and were provided with an opportunity to make connections with their classmates, professors and local professionals.

Student Conference

- ASCE Regional Competition
- Stillwater, Oklahoma
- April 24th-26th
- 38 students attended
- Highlights of results (additional slides)
  - Concrete canoe
  - Steel bridge – 15 – 3rd
  - And more...
ASCE Regional Competition

• Concrete Canoe Team
  – Stillwater, Oklahoma
  – April 24\textsuperscript{th}-26\textsuperscript{th}
  – 23 students attended
  – Placed 6\textsuperscript{th} Overall

ASCE Regional Competition

• Steel Bridge Team
  – Stillwater, Oklahoma
  – April 24\textsuperscript{th}-26\textsuperscript{th}
  – 15 students attended
  – Placed 3\textsuperscript{rd} Overall
Leadership Development

- Workshop for Student Chapter Leaders (WSCL)
  - St. Louis, Missouri
  - January 10-11, 2014
  - 4 students attended

National Conferences

- ASCE– National Steel Bridge Competition
  - Akron, Ohio
  - May 23rd-24th, 2014
  - 9 students attended
  - Placed 21st
  - Attended National Competition for the 10th Consecutive Year.
Special Projects

- It is appropriate for ASCE Student Organizations to undertake special projects that will fit in with the “people serving” role of civil engineering. The project should be directed toward community service or a project on campus or in the community that is for the benefit of people outside the ASCE Student Organization and ASCE.
- The most desirable activities are those requiring engineering expertise, although other service efforts are also worthwhile.
- Construction of a concrete canoe, steel bridge, or a fundraising project for your ASCE Student Organization do not qualify as “Special Projects”. However, hosting a Student Conference, National Concrete Canoe Competition, or National Student Steel Bridge Competition involves community participation and does qualify as a special project.
- Other examples include community service projects, National Engineers Week activities, outreach to K-12 students, and other activities that benefit more than the ASCE Student Organization.
- Special prizes may be awarded in recognition of outstanding special projects at the ASCE Student Organization level by the Committee on Student Members.
- You may include more than one special project.

Special Project Title

- Participation
  - Number of students and percent of total membership that worked on the project
  - Number of faculty and practitioners
  - Total person-hours spent on the project
- Description
  - Goals, objectives
  - How project goals and objectives matched with your Student Chapter goals
  - Pictures, sketches and graphics
- Engineering component
  - Describe the engineering skills used and how they were applied
- Project impact
  - Describe the anticipated short and long term impacts of the project for the people and/or community that it will serve
Konza Bridge Project

• Participation
  – 15
  – 4
  – 20

• Description
  – To implement a handicapped accessible bridge on the Konza Prairie Trail
  – This project will provide students with hands-on experience in the field of Civil Engineering
  – [See next slide for pictures]

• Engineering component
  – Students were able to utilize their skills attained in the surveying course here at KSU to develop a CAD drawing for the bridge project. Working with a previous Civil Engineering professor at KSU and the Professional Contracting Organization at K-State, students will gain hands-on experience in constructing a bridge. The construction process will include everything from earthwork, to setting forms, and actually planting the bridge.

• Project impact
  – The goal of the Konza Prairie Directors is to create an entire trail that is entirely handicapped accessible. This will also allow students and professionals to develop vital connections throughout the Manhattan area.
Summary and Questions

• What were the most significant events of the year?
• What were the most significant challenges?
• Offer to answer any questions
  — It is suggested that you present this slideshow
    • To a student chapter meeting, particularly at the beginning of each year
    • To your local ASCE Section or Branch officers, and/or one of their regular meetings
    • Other audiences as appropriate