



**Missouri Society of  
Professional Engineers**

A state society of the National Society of Professional Engineers

*"Our mission is to promote the ethical  
and competent practice of engineering"*

## Ozark Chapter - October 2011 Newsletter

<http://www.mspe.org/index.html>  
<http://www.ozarkelectric.com/MSPE/>

### October Meeting

**When:** Thursday, October 6, 2011

**Where:** City of Springfield/MoDOT Traffic Management  
Center on Chestnut Expressway

**Time:** 12:00 noon

**The catered lunch is \$12 and will be followed by a  
tour of the new Traffic Management Center. (Below  
is a bird's-eye view map of the TMC facility.)**

**Thursday, October 6, 2011**



## Mark Your Calendar



**Next Chapter Meeting:**

**November 3**  
**@ 425 West**

**October 14** - P.E. Certificate Presentation Ceremony at 2:30 P.M. in Jefferson City, MO

**November 3** - Meeting will be held at 425 West (located at 425 W. Walnut) with our own Ozark Chapter President Elect, Josh Petitt, speaking on the topic “**Software Unit Testing for Scientists and Engineers**”

**November 3** - “Salute to Construction”

**December 6-7** - 8th Annual Fall PDH Days

# Salute to Construction 2011

**October 24 thru November 11**

**The Salute Photo Contest Deadline is October 3.** Call 862-1313 for an Entry Form and Official Rules. We know everyone takes pictures. Choose your best shots and enter the contest. Laser or digital copies are permitted as well as electronic submissions. Winning photos will be published in the Salute issue of the Springfield Business Journal and \$400 in cash prizes will be given to the winners at the Salute Banquet on November 3. All photos will be on display that evening.

**Career Days Speakers** will visit area high schools and middle schools during the two weeks of Salute 2011 as well as throughout the school year. If you can spend an hour discussing your career with eager young people, please call **KATHY at 862-1313** — she will work with your schedule and it will be time well-spent.

**The Salute Kick-Off Mixer & Proclamation Ceremony will be at 5 pm on Tuesday, October 25 at Chateau Pensmore near Highlandville.** Tours of the castle, complimentary hors d'oeuvres and hosted bar compliments of **City Wide Construction Products** and **Springfield Ready Mix** will be available. **Joe Jenkins** will serve as Master of Ceremonies for the Proclamation Ceremony which will begin at 5:15.

**The Annual Awards Banquet will cap Salute 2011 activities on Thursday, November 3 at the Clarion Hotel.** **Brent Beattie** will be our MC this year. The 25 sponsoring organizations will recognize and present awards and honors, including **Developer, Project, Craftsman, Superintendent and Women of the Year.** Please call 862-1313 if you know of other honors which should be recognized. Those in attendance will enjoy a gourmet meal and a great opportunity to socialize with fellow design and construction professionals. Please make every effort to attend. Sponsor a Table for a chance to showcase your company and show off your creativity. **Please call Sheryl at 862-1313 (sherylsca@sbcglobal.net) to sponsor and decorate a table for \$50.**

**HELP CELEBRATE:** If you have a marquee sign please recognize the Salute to Design & Construction during October and/or November. Call us when your sign is ready and we'll come take a picture.

# *8th Annual Fall PDH Days*

Tuesday & Wednesday, December 6 and 7, 2011  
Capitol Plaza Hotel, Jefferson City, Missouri

- **15 PDH credits** in two days featuring presentations on Ethics, Disaster Recovery, Transportation Safety, Infrastructure Improvements, and Redevelopment, as well as energy projects and more
- **Member rates: \$400 for both days; \$225 for single day**
- **Lunch & coffee breaks included in registration fee**
- **Lodging \$82 plus tax; for reservations call 573-635-1234 or 1-800-338-8088**
- **MSPE Fall PDH Days room block deadline: November 18, 2011**

For more information, contact Cherie Bishop, MSPE Director of Operations at [cheriebishop@mspe.org](mailto:cheriebishop@mspe.org) or 573-636-6949.



# 71st Annual Shrimp Feed

On August 4, 2011, the MSPE Ozark Chapter held its 71st Annual Shrimp Feed. The Shrimp Feed is our chapter's largest fund-raising event. Proceeds from this event help sponsor our chapter's activities, such as local chapter scholarships, the model bridge contest, and Discover Engineering Day during Engineer's Week.

After 70 years we moved the event to the Price Cutter Ball Park in Ozark, Missouri. The Change to this venue provided for

indoor restrooms, electricity, paved parking, shade, and plenty of bleacher seating. Although the logistics of changing locations was quite a lot of work, we heard nothing but positive comments from the attendees.

We sold 897 tickets this year, which is down from 966 tickets sold last year, but still an impressive number. The three weeks of 100+ degree weather prior to the day of the event was most likely the cause. The

weather for the day of the event turned out to be a high of 94 with a nice cool breeze, which helped us sell 31 tickets at the door-- up from the usual 10-12.

The entire event was put on by the over 80 chapter volunteers who did everything from cooking the shrimp and making the sauce to serving the food and drinks. Without our chapter members' support we could not be able to have such a great event.

## Fun Facts From This Year's Shrimp Feed



--1,500 lbs of shrimp cooked

--4,000 lbs of ice used to store shrimp

--672 bottles of water consumed

--279 gallons of beer consumed

--60 gallons of soda consumed

--45 lbs of Colby Jack cheese consumed

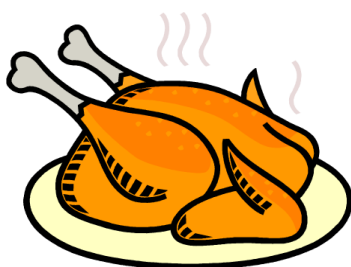
--35 lbs of Swiss cheese consumed

--45 lbs of ham consumed

--45 lbs of turkey consumed

--35 loaves of bread consumed

--7 cases of chips consumed



# Missouri State University's Concrete Canoe Team Gearing Up For 2012 Competition



Looking down on the finished canoe and display stands.

hold regular rowing practices, incorporate more graphics into the finished product, and make the canoe thinner, lighter, and stronger using innovative materials and techniques.

During the inception of the first years canoe, the team learned valuable life skills; such as leadership, initiative, ingenuity, time management, managerial skills and transforming a concept into a finished product. In addition, they have created quite a buzz on campus and throughout the community with the unique competition and exceptional finished product. The professional and personal connections made with the local engineering community and fellow students are strong and memorable. The knowledge and experience gained has been immense and priceless.

The MSU Concrete Canoe team would like to thank the Springfield engineering community for their financial and technical assistance which greatly contributed to the success of our project. Thank you for your continued support and interest.

Matt Weber,  
Concrete Canoe Project Manager, 2011  
MSU Civil Engineering Senior, Class of 2012

As the school year is officially underway, the MSU Concrete Canoe Team is preparing for this year's competition. Their entry for the 2011 ASCE Concrete Canoe Competition was 377 lbs, 19'11" long, 31 3/8" wide, and approximately 3/4" thick.

Overall, the team placed a respectable 7th place at the competition held April 28-30 at Kansas State University. In the individual components, the team scored 5th in the design paper, 7th in the oral presentation, 5th in the final product, and 6th in the collective races. The men's sprint team obtained an impressive 3rd place. They are very proud of their accomplishments and look forward to pushing the envelope for this year's competition.

This year the MSU Canoe Team intends to



Front Row Left to Right: Cassa Hume, Leree Mays, Skylar Mckee  
Back Row: Matt Bottini, Ryan Budd, Jared Davis, Andy Coleman,  
Adam Carroll

# MSU Students Compete in Management Competitions

Missouri State Construction Management students will compete in the Associated Schools of Construction Region IV Student Management Competition October 26-29 in Nebraska City, Nebraska. Five 6-person teams will compete in Heavy Civil, Commercial, Design-Build and Residential divisions against teams from 12 other universities in 7 states, including Missouri, Kansas, Iowa, Nebraska, North and South Dakota, and Minnesota. This year 27 teams will compete.

The competition challenges students to plan, estimate, and schedule the construction of projects that range from \$5 to \$25 million, all in one pressure-packed day that starts at 6:00 a.m. with a pre-bid meeting, and ends at the stroke of midnight with delivery of their proposal (for design-build) or bid package. The following day, judges hear the students' professional presentations defending their submittals and grill them with tough questions. Afterward, students get a project debriefing from the judges, who in real life are construction professionals who have built the projects the students see in the competition. Companies from across the country, including Hensel Phelps, Peter Kiewit Sons, Inc., Centex, Pulte Homes, Lusardi Construction, JE Dunn Construction, McCarthy Building Companies, Alberici Constructors and Mortensen have acted as judges for the competitions.

MSU has a strong tradition of winning at the ASC Competition, placing 1st in Heavy Civil and 2nd in Design Build in 2010, and hopes to improve that record this year. Results will be reported at the Salute to Construction Banquet on November 3.

## If You Have News to Share...

Please send news to [dianneslattery@missouristate.edu](mailto:dianneslattery@missouristate.edu)

The deadline for the November newsletter is October 25.