



# **JEFFERSON CITY CHAPTER** **SEPTEMBER NEWSLETTER**



## **Upcoming Events and Meetings**

### **Tuesday, October 26, 2010 Chapter Meeting**

The MSPE Jefferson City Chapter Lunch for October will be held on Tuesday, October 26, 2010 from 12:00 p.m. to 1:00 p.m. at the American Legion at 1423 Tanner Bridge Rd. The meeting will be in the "Annex" room, through the bar area off the main dining room. There will be a lunch buffet with a choice of entrees, vegetables, salad, bread, dessert, and your choice of tea, lemonade, or coffee to drink. The cost will be \$8 per member and please mention that you are with the Engineers Club when you pick up your food.

The speaker for the meeting will be Dr. Carlos Sun, P.E. Associate Professor and Director of Graduate Studies, Department of Civil and Environmental Engineering at the University of Missouri Columbia, will be giving a presentation on the topic of accreditation and the FE exam.

If you are planning on attending, please RSVP to David Bange by 4 p.m. on Monday, October 25, 2010. David can be reached by email at [dbange@jeffcitymo.org](mailto:dbange@jeffcitymo.org) or by phone at (573) 634-6433.

### **Thursday, November 4, 2010 Hayride**

The MSPE Chapter will also be hosting a hay ride at Binder Park on Thursday, November 4, 2010 at 6:30 p.m. in the evening. Spouses, children, and grandkids are all invited. If you know an engineer who is not a member, please invite them to come along as well. The Chapter will be providing hot dogs for roasting and marshmallows for toasting (along with chocolate and gram crackers, chips, & condiments).

More information will be coming on this event in the near future or if you already know you would like to attend, you can RSVP to David Bange by email at [dbange@jeffcitymo.org](mailto:dbange@jeffcitymo.org) or by phone at (573) 634-6433.

### **7<sup>th</sup> Annual Fall Professional Development Days**

MSPE's 7<sup>th</sup> Annual Fall Professional Development Days will be held on Tuesday and Wednesday, December 7 and 8, 2010 at the Capitol Plaza Hotel at 415 West McCarty Street in Jefferson City. This 2-day event provides up to 15 hours of professional development hours (PDH) for your P.E. licensure renewal at less than \$30 per PDH unit for MSPE members. Lunch and coffee breaks are included in registration fee.

Scheduled program sessions for 2010 include topics on Disaster Recovery on Tuesday, December 7 and Design Build on Wednesday, December 8. Disaster Recovery topics will include Minnesota I-35W Bridge Collapse, Crisis Communication, Missouri I-470 Slope Failure, SAVE Coalition and more. Design Build topics will include Design Build "Nuts and Bolts", Contractual Differences, Ethics, Leadership Skills and Legislation.

Overnight lodging is available at a cost of \$79 plus tax for reservations made until November 22, 2010. Call 573-635-1234 or 1-800-338-8088 to make a room reservation. The deadline for registration is by 5 p.m. on Wednesday, December 1, 2010. For more information, please check the copy of the flyer/registration form attached at the end of this newsletter for your convenience. For any questions, please contact the MSPE office at 573-636-4861.

## **Project Lead the Way**

### **MSPE is Looking for Volunteers to Help Promote Engineering to Middle School Students**

The Jefferson City Chapter of MSPE will again be partnering with Jefferson City Public Schools to serve as mentors for their program to introduce engineering to students at Thomas Jefferson and Lewis & Clark Middle Schools. The program is part of Project Lead the Way (PLTW), which is a national nonprofit organization established to help schools give students the knowledge they need to excel in high-tech fields. The middle school portion of the program is called Gateway to Technology. We will also help out at California Middle School and their new "Engineering Science" class.

At Jefferson City, students are taking classes in the following modules:

- Automation & Robotics, where students work with gears, joints, and automated design concepts to learn the basics of mechanics and machinery.
- The Magic of Electrons, where students use hands-on projects to learn about voltage, current, and circuitry.
- Design & Modeling, where students will use geometry, problem-solving, teamwork, and project management skills to design and develop product prototypes. The students will be using the "Auto Desk Inventor" software program, and the teachers have asked if any of us have any experience with this program and/or if someone would be willing to come in and work through the program and help the teachers (and maybe the students) learn the program. The program sounds like it may be similar to AutoCADD.

At California, students in the "Engineering Science" class are learning basic engineering concepts through lab activities, such as building a scale model chair out of index cards.

We would like to have engineers from all disciplines occasionally attend classes during the day and possibly mentoring sessions after school. We would be assisting with their labs, and/or giving brief general presentations about engineering, discussing the skills needed to be an engineer (problem solving, critical thinking, etc.) and possibly discussing your field of engineering geared towards getting the kids excited about engineering.

If you would be interested in helping promote engineering to these students, please contact our chapter PLTW coordinator, Jason Sommerer at [Jason.Sommerer@modot.mo.gov](mailto:Jason.Sommerer@modot.mo.gov) or 573-522-6992.

## Other Upcoming Meetings, Events, and Miscellaneous Issues

### Board Meetings

Board meetings are normally held on the first Tuesday of every month from 11:30 a.m. to 12:30 p.m. at the MSPE Building on East McCarty.

### Past Events and Meetings

#### Thursday, October 14, 2010 PE Ceremony

The PE Ceremony for newly registered engineers was held on Thursday, October 14, 2010 beginning at 2:30 p.m. at the Capitol Rotunda and was followed by a cookie and punch reception. MSPE honored each of the 11 new P.E.'s attending by presenting them with a certificate before their family and friends.

JC Chapter President Greg Nehring, E.I. served as the Master of Ceremonies and MSPE President Kurt Higgins, P.E. read the Engineer' Creed to the new P.E.s. Dr. Paul Munger, P.E. Professor Emeritus from M.S. & T. served as the keynote speaker and helped convey the special responsibilities taken on by the newly licensed professional engineers, while Mrs. Judy Kemper, Executive Director for the licensing board, helped communicate the annual responsibilities for keeping P.E. licenses current. Those who volunteered their time to help at the ceremony and some pictures of the event are provided below.

Greg Nehring, E.I., Chapter President  
Christina Baker, P.E.  
Andy Bonderer, P.E.  
Christopher Criswell, P.E.  
Eric Lidholm, P.E.  
Art Rice, P.E.  
Nancy Rice  
Jason Sommerer, P.E.  
Ken Stumpf, P.E.

Jefferson City Chapter  
Jefferson City Chapter  
Central Chapter  
Jefferson City Chapter  
Central Chapter  
Jefferson City Chapter  
Jefferson City Chapter  
Jefferson City Chapter  
Jefferson City Chapter





Top Row: Eleven new P.E.'s get their license in the MSPE ceremony.  
 Middle Row: The new P.E.s and their family and friends await the beginning of the P.E. ceremony.  
 Bottom Left: The speakers for the ceremony (listed from left to right): MSPE President Kurt Higgins, P.E., Master of Ceremonies Greg Nehring, E.I., Judy Kemper, Executive Director for the Licensing Board, and Dr. Paul Munger, P.E., Professor Emeritus from M.S. & T.  
 Bottom Right: Jason Sommerer, P.E. and MSPE Membership Director Marla Day helped register new Professional Engineers for the ceremony at the Capitol rotunda on Thursday, October 14, 2010.

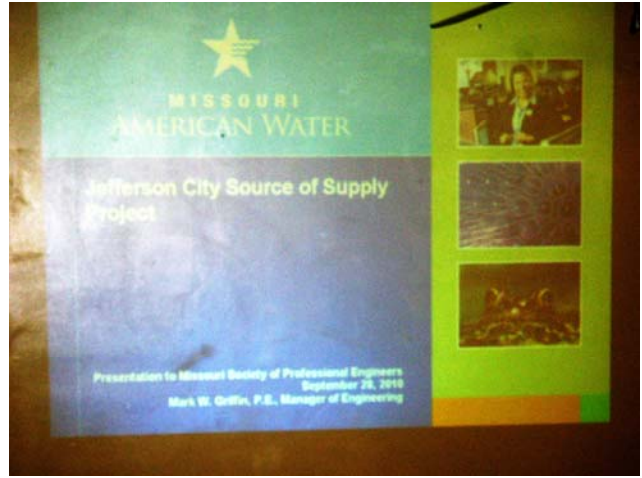
## **Tuesday, September 28, 2010 Chapter Meeting**

The MSPE Jefferson City Chapter Lunch for September was held on Tuesday, September 28, 2010 at the American Legion at 1423 Tanner Bridge Rd. The speaker for the meeting was Mark Griffin, P.E. who gave a presentation on the history, evaluation, and planning which led to the new proposed water inlet structure that Missouri American Water is presently constructing at the water plant here in Jefferson City. The presentation included information on the design, features, and construction details of the intake and the supporting structures associated with the project. Those in attendance at the meeting and pictures of the event are provided below.

Bob Atkinson, P.E.  
 David Bange, P.E.  
 Garry Chegwidan, P.E.  
 Gary Davis, E.I.  
 Bill Fanska P.E.

Mark Griffin, P.E.  
 Cliff Jarvis, P.E.  
 Todd Kempker  
 Dan Maxwell, P.E.  
 Wynn Morgan

Rick Muldoon, P.E.  
 Ashley Reinkemeyer, E.I.  
 Britt Smith, P.E.  
 Bill Washburn, P.E.



Top Row: Mark Griffin, P.E. presents the history, evaluation, and planning which led to the new proposed water inlet structure at the water plant here in Jefferson City.

Bottom Left: A slide showing the design, features, and construction details of the new proposed water intake.

Bottom Right: Britt Smith, P.E. discusses the role of Jefferson City Chapter Membership Campaign Goals in MSPE's goal to increase state-wide membership in 2010-2011.

Above Row: The MSPE members and guests enjoying lunch prior to the presentation.

**Thursday, September 23, 2010 Shrimp Chapter Shrimp Feed and Wing Ding**

The Jefferson City Chapter Shrimp Feed and Wing Ding was held on Thursday, September 23<sup>rd</sup> at Binder Park Deck. The menu consists of Old Bay Seasoned Shrimp (warm and iced), Buffalo Mild and BBQ Chicken Wings and several other additional side or dessert dishes brought by those attending. Special thanks to Central Missouri Professional Services for providing the drinks. The weather was great and everyone seemed to have a good time (even without lights). Those in attendance at the meeting and pictures of the event are provided below.

David Bange, P.E.  
Gary Davis, E.I.  
Krista Davis  
Elizabeth Duvall, P.E.  
Jerry Duvall  
Bill Fanska P.E.  
David Hagan  
Paul E. Jobe

Rick Muldoon, P.E.  
Vickie Muldoon  
Greg Nehring, E.I.  
Barbara Neumann  
Don Neumann, P.E.  
Rick Rolsing  
Britt Smith, P.E.  
Candy Smith

Jason Sommerer, P.E.  
Linette Sommerer, CPA  
Charles Stieffermann, P.E.  
Mary Stieffermann  
Bruce Wylie  
Cathy Wylie





- Top Left: The main courses (shrimp and buffalo wings) and various side dishes at the Shrimp Feed and Wing Ding at Binder Park Deck.
- Top Right: MSPE members and guests socialize and enjoying the excellent meal.
- Middle Row: MSPE members and guests continue to socialize a even in the dark.
- Bottom Picture: Special Thanks to Central Missouri Professional Services for their continuing support and for providing the drinks at the Shrimp Feed and Wing Ding.

### **Membership Update**

Please remember that membership is vital for our society. If you know someone who is not a member of MSPE, please give them an application and invite them to attend a meeting. The application is also available online at <http://www.mspe.org/membership.html>. First time attendees, member or not, will receive a free lunch. Also be sure to tell them about the Professional Development Hours (PDH) opportunities and the other benefits of being a part of MSPE.

### **Request for Educational Foundation Donations**

The MSPE Educational Foundation needs your donations. The MSPE Educational Foundation provides a tax deductible way for members to benefit the educational outreach activities of our society. It is important to have the resources to reach out to the younger people. We hear frequently that there will be a shortage of engineers in the future and many kids never know that their interest in building, and fixing, and calculating, and discovering can be developed into a wonderful career in engineering. A tax-deductible donation is also a way to help MSPE when you do not have the time to be more actively involved. Please send your donations to:

Jefferson City Chapter MSPE  
Attn: Education Foundation  
P.O. Box 662  
Jefferson City, MO 65102-0662

7th  
Annual

# Fall PDH Days



Tuesday and Wednesday, December 7 and 8, 2010  
Capitol Plaza Hotel, 415 West McCarty St., Jefferson City, Missouri



- 15 PDH Credits in two days (satisfies one-year's PDH requirements)
- Affordable — less than \$30 per PDH
- Lunch & coffee breaks included in registration
- Lodging \$79 plus tax
- Call 1-373-633-1234 or 1-800-338-8088 by November 22, 2010 for hotel reservations

## Program Focus:

**Disaster Recovery - Tuesday, December 7 (9 am -6 pm):**  
Minnesota I-35W Bridge Collapse, Missouri I-470 Slope Failure, Crisis Communication, SAVE Coalition and more.  
**Design Build - Wednesday, December 8 (8 am- 4 pm):**  
Design Build "Nuts and Bolts," Contractual Differences, Ethics, Leadership Skills, Insurance and Legislation.



Missouri Society of  
Professional Engineers

## FALL PDH DAYS REGISTRATION FORM

To register complete this form and mail, fax or email to:  
MSPE, 200 E. McCarty Street, Suite 200, Jefferson City, MO 65101 FAX: 573-636-5475 EMAIL: cheriebishop@mspe.org

Name: \_\_\_\_\_ Nickname: \_\_\_\_\_

Employer: \_\_\_\_\_

Preferred Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Daytime Phone: \_\_\_\_\_ Email address: \_\_\_\_\_

Check Enclosed (Make checks payable to MSPE)

Bill My Credit Card: Visa Mastercard Discover Credit Card # \_\_\_\_\_

Expiration Date: Month \_\_\_\_\_ Year \_\_\_\_\_

Cardholders Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Please check session attendance below:

MSPE Member Single-Day: \$225.00 Circle PDH Session: Tuesday or Wednesday

MSPE Member Both Days: \$400.00

Non-Member Single-Day: \$450.00 Circle PDH Session: Tuesday or Wednesday

Non-Member Both Days: \$800.00

Attend and Join MSPE (State & Chapter) Single-Day: \$325.00 Circle PDH Session: Tuesday or Wednesday

Attend and Join MSPE (State & Chapter) Both Days: \$500

Add National Society membership to "Attend and Join" packages: \$100

**Registration Deadline: 5 p.m.,  
Wednesday, December 1, 2010**