



# **JEFFERSON CITY CHAPTER**

## **FEBRAURY NEWSLETTER**



### **Upcoming Events and Meetings**

#### **March 23, 2010 Annual Columbia/Jefferson City MSPE Joint Chapter Meeting**

The annual Columbia/Jefferson City MSPE Joint Chapter Meeting will be held Tuesday, March 23rd at the Tonanzio's in New Bloomfield (see directions below), starting at 5:30 pm. Happy Hour will be from 5:30 p.m. to 6:30 p.m. (cash bar), dinner will be from 6:30 p.m. to 7:30 p.m., and our speaker will begin at 7:30 p.m.

The speaker for the joint meeting will be Mr. Brian Chandler, Transportation Engineer with SAIC. Brian has worked in traffic operations and traffic safety his entire career, including roles in state government with MoDOT, federal government with FHWA, and now in the private sector. He will share the challenges and rewards of his experiences in Traffic Safety and will discuss the hot topics, new strategies, and the upcoming innovations in this everchanging profession.

For dinner, you will be ordering off of the menu shortly before 6:30 p.m. We won't be collecting a fee, but you will be responsible for your own bill at the end of the night, so eat and drink as you wish! As always, spouses, significant others or other guests are welcome and are encouraged to attend. Please RSVP to Gary Davis of the Jefferson City Chapter by Wednesday, March 17th. Hope to see you there!

#### **Directions to Tonanzio's from Jefferson City**

Take 54 East to New Bloomfield exit on Rt. J, follow Rt. J approximately 4 miles through the town of New Bloomfield.

#### **Tuesday, March 30, 2010 Chapter Meeting**

The MSPE Jefferson City Chapter Lunch for March will be held on Tuesday, March 30, 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 Mr. Dave Nichols with MODOT, Design Build.

If you are planning on attending, please RSVP to Greg Nehring by 9 a.m. on Monday, March 29, 2010. Greg can be reached by email at [GNehring@ESS-Inc.com](mailto:GNehring@ESS-Inc.com) or by phone at (660) 826-8618.

## **Other Upcoming Meetings, Events, and Miscellaneous Issues**

### **Friday April 9, 2010 PE Ceremony**

The PE Ceremony for newly registered engineers will be held on Friday, April 9, 2010 beginning at 2:30 p.m. at the Capitol Rotunda. The ceremony will be followed by a cookie and punch reception which usually will last until about 4:00 p.m. Marla Day still could use some volunteers to help set for the reception and to serve the punch and cookies. Please contact Marla by e-mail at [marladay@mspe.org](mailto:marladay@mspe.org) or by phone at (573) 636-4861, if you can volunteer your time to help at the ceremony. Also, it would be nice to have a few members on hand to talk to the newly registered PE's about the value of the licensure and how the MSPS could be beneficial for them. Please consider attending if you have the time and are available on April 9<sup>th</sup>.

### **MSPE Professional Engineers in Industry**

In order to recognize Missouri engineers and companies for their contributions to the Profession, or for bringing new products to the marketplace, the MSPE Professional Engineers in Industry practice division sponsors three state-wide awards.

1. The DISTINGUISHED SERVICE AWARD is presented to an individual who has advanced the causes of the individual engineer in industry or Professional Engineers in Industry (PEI).
2. The PROFESSIONAL DEVELOPMENT AWARD is presented to a firm that has made outstanding contributions to the advancement and improvement of the engineering profession through its employment policies and practices.
3. The NEW PRODUCT AWARD recognizes a firm that has introduced a new product into the market in the last five years that is of noteworthy significance.

Please help promote these awards – in particular within your own company and local area. Forms and instructions for each of the three awards can be downloaded from the MSPE Web site at [www.mspe.org](http://www.mspe.org). To access the forms, click on: Practice Divisions, then Professional Engineers in Industry, then the award. The forms and instructions can also be obtained directly from the MSPE office (573-636-4861). The deadline for submitting entries is April 1, 2010.

Questions can be directed to the MSPE PEI Awards Committee Chairman, Denis Fessler, P.E. (636-394-0078, [DFessler@mspe.org](mailto:DFessler@mspe.org) ).

## **Project Lead the Way**

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

The Jefferson City Chapter of MSPE has partnered with Jefferson City Public Schools to serve as mentors for their new 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.

This year, 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, and
- The Magic of Electrons, where students use hands-on projects to learn about voltage, current, and circuitry.

Next year, the school plans to add Design & Modeling, where students will use geometry, problem-solving, teamwork, and project management skills to design and develop product prototypes. We would like to have engineers from all disciplines occasionally attend classes during the day and mentoring sessions after school. 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.

## **MARK YOUR CALENDARS NOW for the...**

### **2010 MSPE Annual Convention - *Charting a New Course***

When: Sunday, June 13 through Wednesday, June 16, 2010

Where: The Resort and Yacht Club  
3287 Bagnell Dam Blvd.  
Lake Ozark, MO 65049

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

Room Rates: \$139 for either a One-Room Suite or a Studio.  
Limited Number of One-Room Suites at this Rate!  
Rates are first come, first serve.  
All rooms are lake view!

This year's convention will feature luxury accommodations (at a bargain price!) at the prime tourist location of Lake of the Ozarks. The committee is already working to develop a convention schedule with a wide variety of interesting PDH sessions, fun and laid back social events, and an outstanding Annual Banquet. Additional details to come at a later date.

If you have any questions please contact, Ashley Reinkemeyer by phone at (573) 751-3728 or by email at [Ashley.Reinkemeyer@modot.mo.gov](mailto:Ashley.Reinkemeyer@modot.mo.gov). Comments are also welcome, so please send Ashley any comments you may also have on the convention. We hope you can come out and enjoy a great convention at a great location with great people.

**April 9, 2010, Annual Missouri Technology Student Association Distinctions Conference**

We have been given an invitation to be a guest at the 32nd Annual Missouri Technology Student Association (TSA) Distinctions Conference. The Conference is scheduled for April 9, 2010 at the Truman Hotel and Conference Center in Jefferson City. There will be students from 50 Missouri middle schools competing in 32 various events and high schools competing in more than 37 various events. A complete list of events with a brief description can be viewed by visiting <http://dese.mo.gov/divcareered/tsa.htm> and selecting the “Conferences” quick link and choosing the “Distinctions Conference”.

Once you are on the Distinctions Conference webpage, you will see another opportunity to participate in our conference through serving as a judge for events of your choosing, or even an event coordinator if you wish. If interested in volunteering please visit the webpage listed above and register. If you have any questions, please feel free to contact Ashley Reinkemeyer at Ashley.Reinkemeyer@modot.mo.gov or by phone at 573-751-3728) or contact Doug Miller at W.Doug.Miller@dese.mo.gov or by phone at 573-751-7764.

### **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**

### **Tuesday, March 2, 2010 Chapter Meeting**

The MSPE Jefferson City Chapter Lunch for February was held on Tuesday, March 2, 2010 at the American Legion in Jefferson City, Missouri. The speaker originally scheduled for the meeting was not able to attend, so Mr. Bruce Wylie, MSPE Executive Director/Secretary and Mr. David Bange, P.E. from the City of Jefferson City filled in instead. Mr Wylie discussed MSPE current events and legislative issues and Mr. Bange discussed upcoming City of Jefferson street projects. Those in attendance at the meeting are provided below.

Bob Anderson, P.E.	Guy Gilbert, P.E.	Charles Stiefermann, P.E.
David Bange, P.E.	Dan Maxwell, P.E.	Mitch Strother, P.E.
Travis Bruemmer, E.I.	Greg Nehring, E.I.	Ken Stumpf, P.E.
Gary Davis, E.I.	Art Rice, P.E.	Bill Washburn, P.E.
Bill Fanska P.E.	Britt Smith, P.E.	David Williams, P.E.
Don Fontana, P.E.	Eric Stevens, P.E.	Dave Zimmerman, P.E.

### **Saturday, February 13, 2010, Chapter MATHCOUNTS Competition**

The Chapter MATHCOUNTS Competition was held at St. Peter Interparish School in Jefferson City on Saturday, February 13, 2010. A total of 8 schools and approximately 64 students participated in the competition with the top ten individuals and three teams advancing on to the State MATHCOUNTS competition on March 20 in Rolla.

Travis Bruemmer and Gary Davis, the Chapter MATHCOUNTS coordinators, presided over the competition and supervised the activities. Thanks to individuals who coordinated the event and to all the volunteers who donated their time to help. A special thank you to Phyllis Struempf for the use of the equipment, the facility and the help in setting up. Also, a special thank you to Jen Harper for Proctoring and Britt for organizing the grading room. The names of the volunteers, along with some pictures of the event are provided below.

Travis Bruemmer, E.I., MATHCOUNTS coordinator and proctor  
 Gary W. Davis, E.I., MATHCOUNTS coordinator and proctor  
 Jennifer Harper, P.E., Head Proctor  
 Britt Smith, P.E., grading room supervisor  
 Ashley Reinkenmeyer, E.I., lunch and proctor  
 Jason Sommerer, P.E., Registration and grader  
 Jay Jordan, P.E., Proctor  
 Phyllis Struempf

Graders

David Bange, P.E.  
 Theron Broadfoot, P.E.  
 John T. Conway, P.E.  
 Bill Fanska P.E.  
 Rose Gerling

Cliff Jarvis, P.E.  
 Debbie Jarvis  
 Jay Jordan, P.E.  
 Jason Sommerer, P.E.  
 Ryan Struempf

Mark Veit  
 John Wenzlick, P.E.  
 Paula Wekenborg  
 Emily Winkelman



Left Picture: Jason Sommerer prepares to check in the MATHCOUNTS participants as they arrive.  
 Right Picture: The graders during a brief interlude between frantic grading sessions.  
 Front Row: John Wenzlick, John Conway, Theron Broadfoot, David Bange, Paula Wekenborg, Rose Gerling, Debra Jarvis.  
 Second Row: Cliff Jarvis, Mark Veit, Jason Sommerer, Britt Smith, Ryan Struempf, Emily Winkelman.

## **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