



# The Missouri Engineer

*The official publication of the Missouri Society of Professional Engineers  
whose mission is to promote the ethical and competent practice of engineering*

## INSIDE:

**Educational Foundation Appeal, Page 2**

**Legislative Priorities, Page 3**

**Fall PDH Days, Pages 4 & 5**

**2013 Annual Convention "Save The Date," Page 6**

**Job Opening Ads, Page, 6**

**Life-Retired Criteria, New Members, and Sustainers, Page 8**

### *Executive Committee Conference Call*

## Importance of Board of Directors' Relevance Activity Stressed

In anticipation of the January 19, 2013 Winter Board of Directors meeting, MSPE's Executive Committee convened a phone conference to discuss the society's most recent activities and outline agenda items. Key discussion topics included:

#### **State Director Relevance Activity**

President David Howe, P.E. asked for a status update on the Relevance Statements assigned to the Board of Directors. The activity groups the directors into seven teams charged with examining how MSPE can better serve its members. Directors are to identify different problems/issues that keep MSPE from reaching its full potential and propose creative solutions. Executive Committee Sponsors for each team advised the teams are far-from meeting the goal having a verbal and written report ready for the Winter Meeting. Executive Committee Sponsors will be following up with their assigned teams and emphasize the obligation direc-

tors have for determining and directing the society's future. Recommendations from the Relevance reports will be incorporated into a Focus 80 plan that will provide direction for the next five years, when MSPE celebrates its 80th anniversary in 2017.

#### **Audit review**

Results of the independent audit of the society and foundation's financial records have been received. Executive Director Bruce Wylie asked the Executive Committee to read the Audit Review report and submit any questions for discussion at the committee's January 18 meeting.

#### **Legislative update**

The legislature is in a "learning" mode following the election of 75 new members. Executive Director Wylie reported the pre-filing of bills is moving very slowly, but preliminary indications are that bills concerning economic impact and economic development will

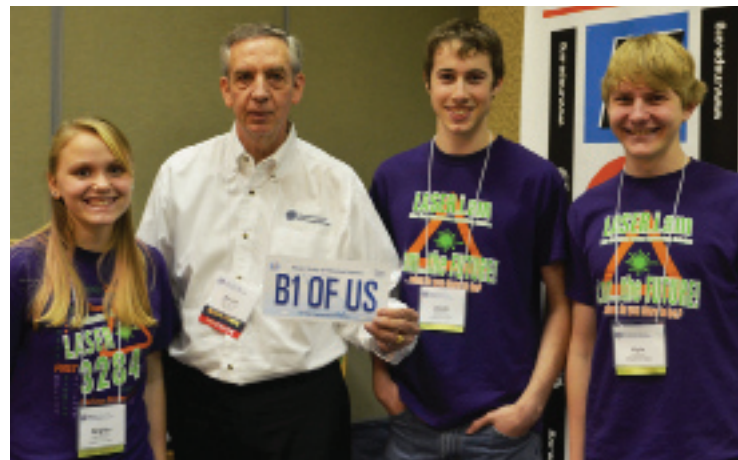
receive priority. *(See related article on Page 3)*

#### **Professional Design Alliance meeting**

Announcement was made that

a meeting of the Professional Design Alliance has been set for Wednesday, January 30, 2013 at MSPE's building. The design alli-

See Phone Conference, Page 3



President David Howe, P.E. displays the "B1 OF US" sign promoting MSPE while surrounded by three members of Camdenton High School's 4H LASER Robotic Team 3284 who shared their competition experiences at MSPE's Fall PDH Days during a session on Missouri STEM programs. Participating team members included Brigitta Reth, a senior and 4-year team member who handles public relations; Jacob Harmon, senior, 4-year team member and lead programmer for the team, along with Kyle Gulshen, senior and 4-year member who is the Chief Operations Officer. These students represent the future of engineering and have already elected to pursue STEM-related majors in college.

▲▲▲▲▲  
**Seasons Greetings**  
 ▲▲▲▲▲

President's Message:

Consider Supporting MSPE's Educational Foundation In The New Year



As we prepare to usher in a new year, the members of MSPE's Executive Committee and I wish you a very happy and prosperous New Year. We also invite you to consider including MSPE's Educational Foundation on your list of charitable contribution recipients in 2013.

All contributions to the Educational Foundation are exempt from taxation under 501(c)(3) of the Internal Revenue Service Code of 1886 and are deductible under Section 170 of the code. Donating to our society's Educational Foundation is a lasting impression and makes a positive impact on the future of engineering by:

• Encouraging students to choose the field of engineering  
 • Promoting P.E. Licensure to engineering school faculty  
 • Maintaining high standards for licensing Professional Engineers  
 • Improving the public image of Professional Engineers  
 • Providing scholarships for engineering students  
 • Supporting important STEM programs, like MATHCOUNTS and the FIRST programs

Gifts to the Educational Foundation may be made in a variety of ways, including:

- **Monetary contribution**
- **Bestowing stocks & bonds**
- **Estate bequests**
- **Life Insurance Assignments**
- **Inclusion in your will**

The most popular contributions are: **Monetary gifts** -the favored method of contributing. Often these contributions are made in memory of a loved one or honoring a deceased member of MSPE. Monetary contribution can be applied to: support the state MATHCOUNTS competition, the Educational Foundation Building by helping fund capital improvements, the endowment fund - the backbone of the Educational Foundation - here your original donation is invested and only the interest, dividends and capital gains are expended to support foundation activities. To make a monetary donation, you can complete the contribution form included with this request and mail your check to MSPE Educational Foundation or include your Educational Foundation gift as a voluntary contribution on your dues statement from MSPE.

**Stocks & Bonds** are acceptable donations, but you will need to contact the MSPE staff to obtain the transfer details. Stock transfer enables you to donate at

the current value of the stock, which allows you to claim a higher deduction than if you donated stock proceeds while at the same-time saving you fees and capital gains taxes.

No matter the method or amount, your donation to the MSPE Educational Foundation is an investment in the future that will be used wisely. Thank you in advance for your consideration. By the way, if you are still contemplating charitable contributions for 2012, donations

to the Educational Foundation made by December 31, 2012 may be claimed on your 2012 income tax.

Sincerely,

David C. Howe, P.E.,  
MSPE President 2012-2013

**MSPE Educational Foundation Contribution Form**

**Donor Name:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**City:** \_\_\_\_\_

**State:** \_\_\_\_\_ **Zip Code:** \_\_\_\_\_

**Daytime Phone Number:** \_\_\_\_\_

*Gifts to the MSPE Educational Foundation are tax-deductible as allowed by law.*

**Contribution Category**

- Endowment Fund/Scholarship**
- MATHCOUNTS**    **Building (Capital Improvement)**

**Monetary Contribution Amount**

- \$250.00**    **\$100.00**    **\$75.00**
- \$50.00**    **Other amount:** \_\_\_\_\_

**Stock contribution**

*(MSPE Staff will call with details for electronic transfer)*

Name of common stock: \_\_\_\_\_

Number of shares: \_\_\_\_\_

**Return this form with your contribution to:  
 MSPE Educational Foundation  
 200 E. McCarty, Suite 200  
 Jefferson City, Missouri 65101**



**The Missouri Engineer**

Publisher: Bruce A. Wylie

Editor: Cherie L. Bishop

*The Missouri Engineer*, is published semi-monthly with an annual Directory issue in the winter by the Missouri Society of Professional Engineers, 200 E. McCarty St., Suite 200, Jefferson City, MO 65101. Subscription fees are \$1 per year to MSPE members and \$12 per year to non-members.

Opinions expressed by authors herein are not necessarily those of the Society. As a matter of policy, MSPE does not endorse any item, product or advertisement. Correspondence regarding advertising, articles and changes of address should be mailed to:

**The Missouri Engineer**  
 c/o Cherie Bishop, Editor  
 200 E. McCarty Street, Suite 200  
 Jefferson City, MO 65101  
 Phone: 573-636-6949  
 FAX: 573-636-5475  
 www.mspe.org



## Phone Conference (from Page 1)

ance is composed of representatives from MSPE, ACECMo along with the architects, surveyors and landscape architects associations as well as representatives from the Missouri Board for Architects, Professional Engineers, Professional Land Surveyors and Landscape Architects.

### PE Day at the Capitol

Tuesday, March 5, 2013 has been set as PE Day at the Capitol. The event is in conjunction with ACECMo's Transportation Day.

### 2012 Fall PDH Days Results

Vice President Gary Strack, P.E. reported that the Ninth Annual Fall PDH Days was a great success. Recognition was given to the work of the Fall PDH Days Task Force who developed a strong program for the event. MSPE Director of Operations Cherie Bishop provided statistics from the event attended by 59 professional engineers - 48 of which registered for both days, 58% of attendees completed the evaluation survey and gave the event high marks. She also noted income and expenses are projected to slightly exceed the budgeted profit.

### Software upgrades

Both MSPE's President and Vice President recommended updating the society's software following compatibility issues experienced at the Fall PDH Days where speakers PowerPoint versions were further advanced than MSPE could supports. It was noted that the software has not been updated for several years.

### Educational Foundation

#### Building Prioritization Report

An assessment of the Educational Foundation Building is underway to help identify and prioritize needed capital improvements. Terracon Consultants is conducting the assessment pro-bono.

### Engineer Missouri request

Executive Director Wylie reported on a request for funding from the Educational Foundation for the Engineer Missouri economic impact study. The sponsors of the program are currently soliciting funds from interested groups. The results of the study will be used to help Legislators better understand the economic potential that can be achieved through infrastructure and engineered capital improvements projects.

# 97th General Assembly Includes Two Members; What Bills Should Engineers Expect In 2013

By **Bruce A. Wylie**  
MSPE Executive Director



On Wednesday, January 9, 2013, the 97th General Assembly will convened with a Democratic Governor facing a Republican-controlled legislature. Republicans hold 24 seats in the 34-member Senate while the

Republican advantage is 110-53 in the House.

Two of the Republication seats in House of Representative seats are held by professional engineers - Bart Korman, P.E., RLS and Rocky Miller, P.E., RLS - both MSPE members.

Korman begins his second-term in the House after winning re-election for two more years during the primary to represent Montgomery, Warren and St. Charles counties. He has been appointed to serve on the Appropriations Committees for Agriculture and Natural Resources and Transportation and Economic Development. In addition, he will sit on the Professional Registration and Licensing and the Utilities committees. Miller was elected in November 2012 to serve District 124 composed of Miller and Camden counties. He owns and operates Miller Companies, an engineering and environmental services firm located



Korman



Miller

in Osage Beach.

With 75 first-time legislations undergoing orientation, the pre-filing of bills throughout the month of December has been slowed. However, much of the session's focus will be on jobs and economic development. MSPE also hopes that will include infrastructure investment. One bill of interest to the society deals state bonding of approximately \$1 Billion to help with capital improvements to state-owned buildings and higher education. Other legislative priorities for the society could come out of the Professional Design Alliance, which represents the four professional associations

under the Missouri Board for Architects, Professional Engineers, Professional Land Surveyors and Landscape Architects, at their January 30, 2013 meeting in MSPE's Educational Foundation Building.

As we progress to a weekly review of legislation, I urge you to review MSPE's Legislative E-Update. As you read the activity reports, please note MSPE rates legislation using the following positions:

**STRONGLY SUPPORT:** We use our resources to work the legislation through the process

**SUPPORT:** We like the legislation but do not feel it is a priority for our limited resources

**MONITOR:** Legislation could be of interest as it evolves through the process

**OPPOSE:** We do not like this legislation and will say so if asked but don't actively spend resources.

**STRONGLY OPPOSE:** We use our resources to actively oppose and find ways to stop the legislation from moving forward.

On Tuesday, March 5, 2013, MSPE has committed to be a part of a special lobby day emphasizing the need for transportation and other infrastructure funding. Mark your calendar to attend this special event.

To represent the society's concerns on a daily basis in the capitol, MSPE contracts with registered lobbyist, Mark Rhoads. If you know of legislation that MSPE should consider or you know a particular legislator you would be willing to contact, please email me at [brucewylie@mspe.org](mailto:brucewylie@mspe.org).

## Mike Fritz Joins the GeoEngineers Team

Michael A. Fritz, PE, RG

GeoEngineers, Inc. is pleased to announce that Mike Fritz has joined our team in Springfield, Missouri. Mike brings nearly three decades of geotechnical engineering experience with MoDOT and valuable relationships to GeoEngineers' projects in the transportation industry.

GeoEngineers offers award-winning:

- Geotechnical Engineering
- Geological Studies
- Geophysical Investigations
- Trenchless Engineering
- Environmental Compliance and Engineering

Learn more at [www.geoengineers.com](http://www.geoengineers.com) or call Mike Fritz or Jon Robison at 417.831.9700 today.

**GEOENGINEERS**  
Earth Science + Technology

3050 South Delaware, Springfield, MO 65804





**9th Annual MSPE FALL PDH DAYS**

Participants at MSPE's 9th Annual Fall PDH Days were calling the 2012 event the "best one so far" at the conclusion of the two-day held Tuesday and Wednesday, December 4 and 5, 2012 at the Capitol Plaza Hotel in Jefferson City.

Fall PDH Days provides an opportunity to receive up to 15 PDHs - the equivalent of one-year's worth of continuing competency hours needed to meet Missouri's P.E. licensure renewal requirements. Many of this year's 58 attendees commented their experience at Fall PDH Days provides a good value for their investment and good networking opportunities.

This year's sessions featured 18 speakers discussing topics on: Missouri One Call: ASCE 38-02 Application and Implementation, Re-Defining the Practice of Engineering, Peer Review Law, HR Trends for Engineers, Missouri STEM Education featuring FIRST programs and the Camdenton LASER Robotics team, Conservative Engineering, Expert Witness Testimony, Missouri Nuclear Alliance for Small Modular Reactors, and Consent Decree segments on Is It An Engineering Issue?, Effect on Municipalities, City of Springfield Sanitary Sewer Overflow Case Study and the St. Louis Metropolitan Sewer District Investigation Prioritization Case Study.



G. William Quatman, Esq.



Janet Jakobe-Gray



Rick Eastman





President David Howe, P.E. (above, left) uses a joystick to operate the Camdenton LASER Team 3284's robot built for the First Robotics competition during MSPE's Fall PDH Days' program on Missouri STEM activities under the watchful eye of Kyle Gulshen, the team's chief operations officer and lead programmer Jacob Harmon. LASER Coach Mitch Comer and Kyle (above, right) discuss the requirements for teams to build their robot for First Robotics competition.



Various elements of Consent Decrees were featured in a four-part PDH segment. Peggy Howe, P.E. (top, left) discusses the affordability impact on municipalities while Jim Schlaman, P.E. (speaking, top right) and Dick Kaufmann, P.E. discuss whether Consent Decrees can be considered an engineering issue. John Pruss, P.E. and Jan Millington (lower left) present a case study on the City of Springfield Sanitary Sewer Overflow consent degree while Lissa Douglas, P.E. (lower right) discusses the St. Louis Metropolitan Sewer District's Investigation Program Prioritization Methodology and the results it produced.



MoAPELSLA Professional Engineering Division Chair Kevin Skibiski, P.E., (standing) answers a question from Allen Pollock, P.E. regarding the board's work on better defining the practice of engineering in the state law.





Save the date!

# Forward Focus

MSPE 2013 Annual Convention  
Sunday-Wednesday, June 16 - 19, 2013  
Chateau on the Lake Resort, Branson, Missouri

## Tentative Schedule of Events

### **Sunday, June 16, 2013**

MSPE Executive Committee Meeting  
Welcome Reception

### **Monday, June 17, 2013**

MSPE & Educational Foundation Board Meetings  
Practice Division Meetings  
Young Engineer Mixer  
Chapter Presidents Networking  
Annual Banquet Event & Presidents' Reception  
*(including officer installation and awards presentations)*

### **Tuesday, June 18, 2013**

Engineers' PDH Programs  
Spouse and Kids Activity  
Family Fun Event

### **Wednesday, June 19, 2013**

Engineers' PDH Programs

## Lodging

Chateau on the Lake  
Resort & Convention Center  
415 North State Hwy 265  
Branson, MO 65616  
1-888-333-LAKE (5253)  
www.chateauonthelake.com



### **Mountain View/Lake View:**

\$159 plus tax for single or double occupancy

### **Lake Front King/Ambassador Suites:**

\$225 plus tax for single or double occupancy

*(Extra charge for more than 2 adults - \$20.00 plus tax per person per night, -- No additional charge for children 21 years old and younger staying in the same room with parents.)*

**Reservation Deadline: May 25, 2013**  
**Don't Delay! Book your room today!**

## Classified Advertising

### **STRUCTURAL ENGINEER**

Abener Ghenova Engineering Inc. seeks Structural Engineer (Chesterfield, MO) to prepare draft designs for concrete & structural steel assemblies. Use 3D design, SAP, ETABS, AutoCAD, ENERCALC, Excel, RISA software, CAD/CAE advanced tools to ensure coordination of enrg design with other areas such as civil works, piping, electrical or I&C. Review the structural enrg designs prepared by subcontractors. Review vendor drawings & data for compliance and enrg requirements. Position requires a Master's degree in Structural Enrg, Civil Enrg, or related field; 2 yrs of experience as a Structural Engineer utilizing SAP, ETABS, AutoCAD, ENERCALC, Excel, RISA software; and enrg experience with sludge collection, wet well, basins, & reservoirs. Send resumes to: K. Bryant, AGE Inc., 16401 Swingley Ridge Rd, Ste 700, Chesterfield, MO 63017 **NO CALLS**

### **CIVIL / MUNICIPAL ENGINEER**

Hannibal / Jefferson City, Missouri

MECO Engineering Company is an established locally owned Civil, Structural, Mechanical/Electrical Engineering and Land Surveying firm. We have an exciting opportunity for the experienced and skilled engineer who is prepared to meet the challenges and rewards of municipal engineering. Our successful candidate will be a licensed Professional Engineer (PE), with a minimum of 7 years municipal-related engineering experience, focusing on roads and streets, storm water management, water and wastewater, and site civil.

Excellent communication skills and the ability to interact effectively with others are a necessity as you will be working directly with a variety of clients and our personnel in the firm's four offices. Responsibilities of this position will include municipal consulting, project development/coordination, design, project management, meeting attendance, and business development to support our marketing efforts.

There are two (2) full-time positions, one in our Hannibal Office, and one in our Jefferson City Office. We offer a competitive benefits package, enjoyable work environment, and salary commensurate with experience.

If you are interested in this exciting opportunity to join our firm, please send your resume to:

MECO Engineering Company  
3120 Highway W  
Hannibal, MO 63401

Email: [klaird@mecoengineering.com](mailto:klaird@mecoengineering.com)

*or*

MECO Engineering Company  
2701 Industrial Drive  
Jefferson City, MO 65109

Email: [mecojc@mecoengineering.com](mailto:mecojc@mecoengineering.com)

### **No phone calls please**

MECO is proud to be an AA/EEO employer.

### **PROJECT MANAGER (TRANSPORTATION)**

Civil Engineer, PE

Location: Rogers, Arkansas

Apply only at <https://craftontull.applicantharbor.com/>

Responsibilities include: Plans, designs and directs, engineering projects such as streets, roads, residential and commercial developments, municipal projects, institutional facilities, industrial facilities, drainage projects, airports, and channels.

### **AD PLACEMENT**

To place a classified ad in The Missouri Engineer, please email ad copy, special instructions and billing information to Cherie L. Bishop, Editor, at [cheriebishop@mspe.org](mailto:cheriebishop@mspe.org) or call 573-636-6949. Classified ads are charged by the word - up to 40 words is \$25; each additional 20 words or less is \$15.

For more information on advertising, visit our web site at [www.mpse.org](http://www.mpse.org)

# Professional Card Listings

 <p><b>AZ PARTNERS</b> "Your Partner in Electrical Engineering"</p> <p><b>L. Mark Bedinghaus, P.E.</b> PEP &amp; PEAC Engineer</p> <p>484 E. Franklin Ave. Springfield, MO 65807 www.azpe.com</p> <p>417-886-8881 (M) 417-886-8788 (F) www.mark@azpe.com</p>	 <p><b>GBA</b> architects engineers</p> <p>creating remarkable solutions for a higher quality of life</p> <p>St. Louis   O'Fallon   Kansas City @ gbateam.com 314.321.0100 - St. 636.940.9444 - O'F 816.427.1300 - KC</p>	 <p><b>McCann Concrete Products, Inc.</b> "Recycling To Meet Your Needs"</p> <p>6709 N. State Route 188 Dorsey, Illinois 62521 8 miles SW from downtown St. Louis www.mccannconcreteproducts.com</p> <p>Bobby Wooten Call (372) 700-3503 (618) 377-8888 E-mail: bobbywooten@ccplogistics.net Fax (618) 377-7748</p>	 <p><b>SHANNON &amp; WILSON, INC.</b> GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS</p> <p>Scientists. Engineers. Technicians.</p> <p>(314) 699-6990 or Visit us at: <a href="http://www.shannonwilson.com">www.shannonwilson.com</a> <a href="http://www.facebook.com/shannonandwilson">www.facebook.com/shannonandwilson</a></p> <p>EXCELLENCE. INNOVATION. SERVICE. VALUE.</p>
<p><b>ACE PIPE CLEANING, INC.</b></p> <p><b>GOT I&amp;I?</b></p> <p>EXPERTS IN SANITARY SEWER CLEANING AND DIGITAL TV INSPECTION TELEVISION AND REPAIRS/REPLACEMENT SEWERLINE (COPING) LATERAL SERVICE LINE AND SEWER/STORM LINE</p> <p>CONTACT: RAY GREEN DIVISION MANAGER CELL: 417-483-6831 EMAIL: <a href="mailto:rgreen@acepipe.com">rgreen@acepipe.com</a></p>	<p>International reach. Local presence.</p>  <p><b>GeoEngineers</b> Soils • Foundations • Retention</p> <p>From 12 offices nationwide, GeoEngineers crafts geotechnical, geological, environmental and trenchless solutions for clients worldwide.</p> <p>Call Jon Robison or Cary Pondergrass in Springfield, 417.831.9700, or visit <a href="http://www.geoengineers.com">www.geoengineers.com</a></p>	 <p><b>PPI</b> PALMERTON &amp; PARRISH, INC.</p> <ul style="list-style-type: none"> <li>• Geotechnical Services</li> <li>• Environmental Services</li> <li>• Material Testing Services</li> </ul> <p>Springfield, MO   Ebersole, MO   Joplin, MO 417-864-8000   417-681-8295   417-624-2008 <a href="http://www.ppi.com">www.ppi.com</a></p>	 <p><b>SMITH &amp; CO.</b> ENGINEERS</p> <p>901 Vine Street P.O. Box 72 Poplar Bluff, MO 63902 573.785.9621 Fax 573.785.2651</p> <p>Engineering • Surveying • Environmental • Geotechnical</p>
 <p><b>ANDERSON ENGINEERING, INC.</b> AE</p> <p>ENGINEERS-SURVEYORS-LABORATORIES-DRILLING EMPLOYED OWNED - SERVED THE AREA SINCE 1987 - LICENSED IN 26 STATES</p> <p>2045 W Woodland Springfield, MO 65807 417-866-2741 <a href="mailto:ae@andco.com">ae@andco.com</a></p> <p>611 E Third Street Joplin, MO 64801 417-782-7389 <a href="http://www.andco.com">www.andco.com</a></p>	<p><b>GREDELL Engineering Resources, Inc.</b></p> <p><b>Environmental ENGINEERING (LAND AIR WATER)</b> Jefferson City, MO, Springfield, and St. Louis, Missouri</p> <p><b>2001 to 2010 - TEN YEARS STRONG</b> Engineering Design, Geologic Studies and Regulatory Compliance</p> <p>Telephone (Toll Free): (888) 882-0727 E-Mail: <a href="mailto:Contact@gedell-inc.biz">Contact@gedell-inc.biz</a> Visit Our Website: <a href="http://www.gedell.biz">www.gedell.biz</a></p>	<p><b>One Company, One Call.</b></p> <p>PSI provides construction testing, geotechnical engineering, and environmental consulting services for clients involved with site selection, design, construction, and property or facility management.</p> <p>Environmental Consulting • Geotechnical Engineering Construction Materials Testing &amp; Engineering • Industrial System Services Facilities &amp; Real Consulting • Specialty Engineering &amp; Testing Services</p>  <p>101 W. Cambridge Circle East Kansas City, MO 64112 816.316.1801 From 227 Offices Across North America • <a href="http://www.psi.com">www.psi.com</a></p>	 <p><b>SMITH &amp; CO. ENGINEERS, INC.</b></p> <p>David L. Smith, P.E. President Norman E. Geth, P.E. Vice President</p> <p>1051 E. Jefferson Ave. Springfield, MO 65807</p> <p>Phone: 417-892-2200 Fax: 417-892-1189 <a href="http://www.smithco.com">www.smithco.com</a></p>
 <p><b>BLACK &amp; VEATCH</b> Building a legacy of excellence</p> <p><a href="http://www.bv.com">www.bv.com</a></p> <p>Consulting • Engineering • Construction • Operation</p>	 <p><b>HRGreen</b></p> <p>www.hrgreen.com providing sustainable solar lighting solutions</p> <p>10000 Highway 101, Suite 100 Chesham, MD 20841</p>	 <p><b>S&amp;S ENGINEERS</b></p> <p>Transforming your ideas into reality</p>	<p><b>Resourceful. Responsive. Reliable.</b></p> <p>Five Offices Serving Missouri <a href="http://terracon.com">terracon.com</a></p> <p><b>Terracon</b></p> <p>Accountability • Performance • Economic Results • Profitability</p>
 <p><b>Burns &amp; McDonnell</b> SINCE 1898</p> <p>Kansas City, Missouri St. Louis, Missouri</p> <p>Offices Worldwide <a href="http://www.burnsmcd.com">www.burnsmcd.com</a></p>	 <p><b>HEMCO</b> Laboratory Planning Solutions</p> <p>Chicago, IL, St. Louis, MO, Springfield, MO</p> <p>1-800-828-8888 1-816-421-1100 1-417-831-1100 1-417-831-1100</p> <p>Visit: <a href="http://www.HEMCO-Corporation.com">www.HEMCO-Corporation.com</a></p>	 <p><b>SEGA INC.</b> Engineering &amp; Technical Services</p> <p>Sega Inc. specializes in the power industry and has employees with experience in: Civil, Controls, Electrical, Mechanical, Structural</p> <p>913.681.2881 • <a href="http://www.segainc.com">www.segainc.com</a></p>	 <p><b>Tran Systems</b></p> <p>EXPERIENCE   Transportation</p> <p>Architecture, Engineering, &amp; Planning   Management &amp; Supply Chain Consulting   Real Estate Consulting   Transportation Security Consulting</p> <p>Kansas City 816-325-0600 St. Louis 314-967-3459 <a href="http://www.transystems.com">www.transystems.com</a></p>
 <p><b>CFS</b> Construction Firm Services</p> <p>Edge   Transportation   Planning   Construction Inspection Public Utility   Maintenance   Site Development   Survey</p> <p>200 West Parkway West   10 Springfield, MO 65807 417-833-4477 Toll-free: 1-800-333-4477</p>	 <p><b>HORNER &amp; SHIFRIN, INC.</b> ENGINEERS</p> <p><a href="http://www.HornerShifrin.com">www.HornerShifrin.com</a> Engineering Design Excellence Since 1933</p>	<p>Washington University in St. Louis SCHOOL OF ENGINEERING &amp; APPLIED SCIENCE</p> <p>Part-Time Classes. Full-Time Results. <a href="http://sever.wustl.edu">sever.wustl.edu</a></p>	 <p><b>Forming Partnerships. Delivering Results.</b></p> <p><b>SHAFFER, KLINE &amp; WARREN, INC.</b> Engineers   Surveyors   <a href="http://www.skw-inc.com">www.skw-inc.com</a></p>



## Sustaining Organizations

**A2V Partners, LLC**  
Springfield, MO

**ABNA Engineering**  
St. Louis, MO

**Allgeier, Martin & Associates**  
Joplin, MO

**Allstate Consultants**  
Columbia, MO

**Ameren Services**  
St. Louis, MO

**American Concrete Paving Association**  
Overland Park, KS

**Anderson Engineering**  
Springfield, MO

**ARIS Engineering**  
Ozark, MO

**Black & Veatch**  
Kansas City & St. Louis, MO

**Burns & McDonnell**  
Kansas City & St. Louis, MO

**CEPCO, LLC**  
Ozark, MO

**Cook, Flatt & Strobel, Engineers**  
Topeka, KS

**EDSI**  
Chesterfield, MO

**Fred Weber, Inc.**  
Maryland Heights, MO

**Gaskin Hill Norcross, Inc.**  
Springfield, MO

**George Butler Associates**  
Lenexa, KS

**Gibbens Drake Scott**  
Raytown, MO

**GREDELL Engineering Resources, Inc.**  
Jefferson City, MO

**HNTB Corporation**  
Kansas City, MO

**Holmes Murphy**  
Overland Park, KS

**Horner & Shifrin, Inc.**  
St. Louis, MO

**Kuhlmann design Group**  
St. Louis, MO

**Lockton Companies**  
Kansas City, MO

**Missouri University of Science and Technology**  
Rolla, MO

**Palmerton & Parrish**  
Springfield, MO

**Payne & Brockway, P.A.**  
Olathe, KS

**PhotoScience, Inc.**  
(formerly M.J. Harden Associates)  
Kansas City, MO

**Scurlock Industries**  
Springfield, MO

**Shafer, Kline & Warren**  
Overland Park, KS

**Sprenkle & Associates**  
Monett, MO

**Strickland Engineering**  
Jackson, MO

**The Piker-Kulesa Group and RBC Wealth Management**  
Leawood, KS

**TranSystems Corporation**  
Kansas City, MO

**UMKC School of Computing & Engineering**  
Kansas City, MO

**University of Missouri College of Engineering**  
Columbia, MO

**Walter P. Moore & Associates**  
Kansas City, MO

## Voluntary Dues Donations Received From Life Members

MSPE extends its sincere thanks to the following life members who answered the annual request for voluntary dues contributions with generous donations to support the society's mission and objectives:

**John Beirne, P.E.**  
Creve Coeur, MO

**Harold Delaney, P.E.**  
St. Louis, MO

**David Lillard, P.E.**  
Prairie Village, KS 66206

**J.T. Odom, P.E.**  
Hallsville, MO

**Stanley Proctor Jr., P.E.**  
Chesterfield, MO

**George Tomazi, P.E.**  
Florissant, MO

**Robert Whitehead, P.E.**  
Columbia, MO

**Blair Wildermuth, P.E.**  
Independence, MO

## Life, Retired Membership Criteria

Members that may be eligible for Life or Retired membership status should review the criteria below and respond by January 11, 2013 for consideration at the 2013 Winter Board Meeting on Saturday, January 19, 2013.

### LIFE MEMBERSHIP

Criteria for Life Membership (waiver of dues with the option of paying voluntary dues) are:

- Has held a valid license or certificate of registration as a professional engineer.
- Is age 65 or older and retired from full-time employment and/or the active practice of engineering.
- Has been a member of MSPE for at least 30 years and paid dues continuously.
- Application for life membership must be made by personal application to the Board of Directors through the state office.

### RETIRED STATUS

Retired status (half-dues) criteria are:

- Has held a valid license or certificate of registration.
- Age 65 or older and retired from full-time employment and/or the active practice of engineering.
- Paid dues to MSPE continuously for at least five years.
- Application for retired status must be a personal written request to the Board of Directors in care of the state office.

## Welcome New Members

MSPE welcomes the following new members to the society:

### Central Chapter

*Student*  
*Daniel Schmidt*

### Jefferson City Chapter

James Rericha, E.I.  
DNR  
1659 E. Elm  
Jefferson City, MO 651102

### Northeast Chapter

*Christopher Hatch, P.E.*  
River Bend Labs  
212 Excalibur Blvd  
Troy, MO 63379

### Northwest Chapter

*Dana Walling, P.E.*  
Vertex Engineering & Utility Services  
3110 Karnes Rd., Suite 100  
St. Joseph, MO 64506

### Ozark Chapter

*Wiley Buchanan, P.E.*  
Rose Metal Products  
1955 E Division  
Springfield, MO 65803

*Joshua Holland, E.I.*  
Sho Me Power Electric  
PO Box D  
Marshfield, MO 65706

*Students*  
*Matthew Koppitz*  
*Benjamin Miller*

### St. Louis Chapter

*Dennis Elking, P.E.*  
4725 Littlebury  
St. Louis, MO 63128

*Dion Quinn, P.E.*  
Foth Production Solutions, LLC  
390 South Woods Mill Road  
Chesterfield, MO 63017

*Scott Virtue, P.E.*  
Foth Production Solutions, LLC  
390 South Woods Mill Road  
Chesterfield, MO 63017

### Southeast Chapter

*Greg Bell, P.E.*  
S H Smith & Company  
901 Vine Street  
Poplar Bluff, MO 63901

*David Wyman, P.E.*  
MoDOT  
2675 N. Main  
Sikeston, MO 63801

### Western Chapter

*Troy Ganson, P.E.*  
Engineering Perspective Inc.  
2601 N. Hub Dr., #A  
Independence, MO 64055

*Lane Pagano, E.I.*  
Black & Veatch  
11401 Lamar Avenue  
Overland Park, KS 66211

*Dunley Stults, P.E.*  
600 Morningview Dr.  
Harrisonville, MO 64701

*Student*  
*Kenon Kawase*