



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*

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MSPE’s eight-member Executive Committee studied agenda items and discussed possible actions for the society to take during their April 5 meeting held at MSPE’s headquarters.

Donald L. Hiatte Award To Be Established

At their meeting on Friday, April 5, 2013, MSPE’s Executive Committee agreed that establishing a Donald L. Hiatte Award would be “for the good of the society.”

A past president of MSPE in 197?, Hiatte was only one of

two MSPE members to also serve as NSPE President. He died on March 21, 2013. (See In Memoriam, Page 10)

In other action for MSPE, the Executive Committee:

- Approved filing of the minutes from the January 18,

2013 meeting.

- Consented to read and comment on the proposed changes to the registration law that would narrow the definition of “incidental practice” for architects, engineers, land surveyors and

landscape architects for submittal to the Missouri Board for Architects, Professional Engineers, Land Surveyors and Landscape Architects (MoAPELSLA)

See Committee, Page 3



Legislative Drive-In

MSPE was a participating partner in the **Legislative Drive-In** on March 5, 2013 sponsored by the Missouri Transportation Construction Coalition. The Coalition is led by leaders in the transportation construction industry to promote increases in revenue to meet the \$1 billion per year estimated by the Missouri Department of Transportation (MoDOT) to be needed for transportation improvements over the next 20 years. The **Legislative Drive-In** activity featured a morning strategy meeting, individual visits with legislators and an evening reception.

President's Message:

Developing A Forward Focus: It's More Than A Direction - It's An Attitude

By David Howe, P.E.
MSPE President



In early 1937 a group of visionary engineers from across the state joined together with a common focus - a Forward Focus. Crafting legislation for a registration law, developing a registration process for engineers to practice their profession, and forming a society dedicated to protect the new law and the advancement of professional engineering all required a Forward Focus. These things had never been done before in Missouri - there was no looking back - they had to look forward. More importantly these visionaries had to have a forward focused attitude - an attitude that change was necessary and the result would improve the engineering profession and protect the health, safety and welfare of the public.

It's safe to say that Forward Focus is more than a direction - It's an attitude!

Since 1937, MSPE has accomplished a lot - but, there is more to be accomplished. We are constantly

challenged with finding new ways to protect and promote the engineering profession or to propel the society forward to maintain pace with today's needs. Sometimes we

find ourselves faced with challenges much the same as they were 75 years ago. Take for instance, House Bill 659 which was introduced this legislative session to "authorize a person to engage in the practice of specified professions without being licensed if he or she does not hold himself or herself out as being licensed." Clearly, this is the kind of legislation that is detrimental to the registration laws already enacted, as well as the principles of MSPE. This is but one example of how MSPE continues to serve the engineering profession in Missouri. Then, there is the challenge of how to keep pace and maintain relevance in our ever changing world. It is important that organizations, like MSPE, make the necessary efforts be up-to-date, offer beneficial services and provide relevance to its members in order to move forward.

MSPE is a dynamic organization and its members are trained as problem solvers. They don't spend time looking back they focus forward

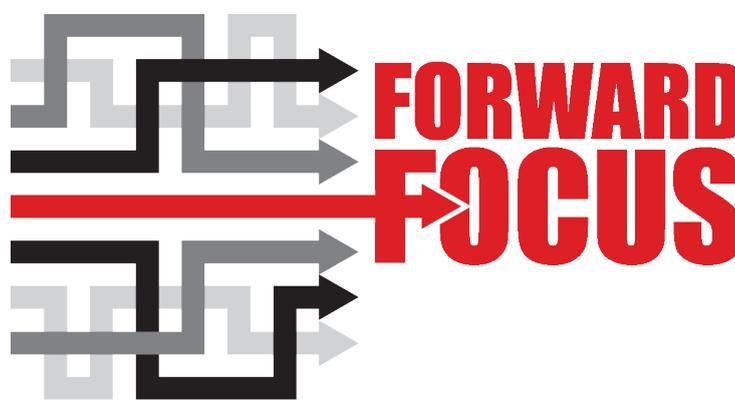
- finding better ways to do things. That is a natural fit between organizational purpose and our members. Like its founders, MSPE members today need to adopt the same attitude of our fore fathers - a forward focused attitude to keep both the profession and our professional society on pace.

Early in my term as President, I made a commitment to look at the activities and programs of MSPE to ensure that what we are doing is relevant for today's needs. The Leadership Workshop held in September gave chapter officers and practice division leaders an opportunity to focus on identifying new and better ways to communicate and market the benefits of MSPE. After that, I challenged the Board of Directors' members to identify needs and find ways to strengthen the society. This was done by having teams of directors from various areas of the state spend time considering one of seven questions focused on ways MSPE could become more relevant.

Ideas generated from these "focus on relevance" statements along with the marketing and communication ideas produced at the Leadership Workshop are now ready to be developed into a strategic plan being called "Focus 80" which will serve as a guide to move MSPE forward over the next five years and take us to our 80th anniversary.

Joining me on a Focus 80 Task Force are MSPE younger members: Brandon Parrish, P.E., Michael Purol, P.E., Tim Quinn, P.E., Ashley Reinke-meyer, P.E.; MSPE officers: Neal Brady, P.E., Gary Strack, P.E., and Breck Washam, P.E. The task force is further enhanced with MSPE staff: Bruce Wylie, Executive Director; Cherie Bishop, Director of Operations; and Marla Day, Director of Membership.

The "Forward Focus" theme proposed by the planning committee for this year's Annual Convention is the direction adopted by MSPE's Executive Committee to remind us



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Vice President Gary Strack, P.E. (left), and Young Engineer Representative Michael Puro, P.E. (right) listen to Immediate Past President Britt Smith, P.E. (center) report on proposed changes that would narrow the definition of “incidental practice” in the registration law for architects, engineers, land surveyors and landscape architects presented to the Professional Design Alliance.

Committee

(from page 1)

- by the end of April.
- Agreed to request discussion on prime consultants selected using QBS then “shopping bids” for sub-consultants at the next Professional Design Alliance Meeting on May 8 in St. Louis.
- Directed that a “bench list” of potential names to serve as members of the engineering division for the MoAPELSLA Board be created and a matrix developed to show the multiple criteria that needs to be met in order to be considered for gubernatorial appointment.
- Granted immediate purchase of a new laptop with upgraded software following review of a report from George Kopp, P.E. assessing MSPE’s computer hardware and software needs. They also agreed to develop a plan for additional upgrades to the hardware and software in each staff office as well as possible multi-media equipment the conference room.
- Authorized President David Howe, P.E. to prepare a report on MSPE’s Best Practices/Needs to be shared at North Central Region meeting in July.
- Established a time table to re-evaluate NSPE’s National/State agreement and set a plan to review the agreement at the June 2013 Board of Directors with signing possible at the 2014 Winter Meeting.
- Addressed concerns expressed by chapters that the new Young Engineer Nomination form is too strict and difficult to complete. Agreement was reached to urge chapters to “groom” young engineer candidates and add a sample page that shows candidates how to complete the

- form.
- Accepted the March 31, 2013 Financial Report following a lengthy discussion on how to project the year-end advertising revenues for The Missouri Engineer following a 75% drop in income after converting to electronic delivery over the same period last year.
- Reviewed the draft budget for 2013-2014.
- Endorsed having MSPE’s Executive Director write a letter of introduction and congratulations to NSPE’s New Executive Director and offer to help in his efforts to move the national society forward.

EDUCATIONAL FOUNDATION

Meeting as the Educational Foundation, the Executive Committee:

- Authorized filing the minutes of the January 19, 2013 meeting.
- Reviewed various options for updating the Chapter Grants program.
- Accepted Executive Director Bruce A. Wylie’s report on the tenant upgrade obligations and roof repairs that were recently completed.
- Approved the March 31, 2013 financial statement and review the 2013-2014 Educational Foundation budget proposal which includes capital improvements for the main floor housing MSPE’s and ACECMo’s offices.
- Entertained suggestions for actions for a 5-year strategic plan.

Forward Focus

(from page 2)

that while honoring tradition and the past is an important cornerstone of our organization, anticipating change and then adjusting to match the needs of the profession is the best way to remain relevant. This is our directional view for Forward Focus.

Developing our attitude perspective will be addressed during the Annual Convention scheduled for June 16-19, 2013 at the Chateau on the Lake in Branson. To accomplish this, we have set aside time for all five of our practice divisions to meet

Like its founders, MSPE members today need to adopt the same attitude of our fore fathers – a forward focused attitude to keep both the profession and our professional society on pace ... join us as we lead with a Forward Focus,” David Howe, P.E., MSPE President.

as a unified group and networking events for young engineer members and chapter officers. In addition, our keynote session on Strategic Decision Making Techniques facilitated and led by Bill Cole will share techniques on reaching consensus and making strategic forward focused decisions for use in personal and small group settings and for use and application in large group settings. Bill is a seasoned facilitator and trainer with many years of experience on issues associated with engineering. By attending the convention and participating in the strategic decision making session you will learn some take-away techniques that can be used and applied in your personal and professional life.

We have launched our Forward Focus direction, now, its time to adopt the attitude, move in the direction and join us as we lead with a Forward Focus.

Life, Retired Membership Criteria For Eligibility

Members that may be eligible for Life or Retired membership status should review the criteria below and respond by Friday, June 7, 2013 for consideration during the Board of Directors meeting on Monday, June 17, 2013 as part of the 2013 Annual Convention at Chateau on the Lake Resort in Branson, Missouri.

LIFE MEMBERSHIP

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

- a) Has held a valid license or certificate of registration as a professional engineer.
- b) Is age 65 or older and retired from

full-time employment and/or the active practice of engineering.

c) Has been a member of MSPE for at least 30 years and paid dues continuously.

d) 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:

a) Has held a valid license or certificate of registration.

b) Age 65 or older and retired from full-time employment and/or the active practice of engineering.

c) Paid dues to MSPE continuously for at least five years.

MSPE Slate of Officers for 2013-2014 Selected

MSPE's Slate of Officers for July 1, 2013 to June 30, 2014 was selected by the Nominating Committee in accordance with Article VII of the Bylaws. Immediate Past President Britt E. Smith, P.E. presided over the selection committee which was composed of L. Scott Becker, P.E., State Director, St. Louis Chapter, Andrew Meyer, P.E., State Director, Southeast Chapter, Brad Parrish, P.E., Past President, Ozark Chapter, and Michael A. Meyers, P.E., Past President, Western Chapter.

Election of the officers will take place on Monday, June 17, 2013 during the Annual Membership Meeting held in conjunction with the Board of Directors meeting during the Annual Convention at Chateau on the Lake in Branson, Missouri.

MSPE's bylaws allow that additional nominees for each office can be made by written petition containing the signatures of at least 30 members eligible to vote provided that no more than 10 signing any nominating petition are members of the same chapter. Petitions must reach the society's secretary (Executive Director Bruce A. Wylie) no later than 35 days prior to the election.

In the event there is only one nominee for each office, those nominated shall be considered as elected by acclamation. Five days after the deadline for nominations by petition, the Board of Directors shall be notified in writing that the slate of officers has been elected by acclamation and notice to that effect will also be posted in a subsequent issue of the society's official publication, *The Missouri Engineer*.

FOR PRESIDENT



Neil S. Brady, P.E., of Ozark Chapter, is the President and Engineering Manager of Anderson Engineering, Inc., a civil engineering, geotechnical engineering and land surveying company headquartered in Springfield, Missouri. He joined Anderson Engineering, Inc. in January 1996 af-

ter earning his Bachelor of Science degree in Civil Engineering in 1995 from Missouri University of Science and Technology and has served as project engineer, project manager and Engineering Manager of the Springfield office before his promotion to President in 2008. Neil holds professional engineering registrations in 25 states. He is the current President-Elect of MSPE and has also served as Vice-President and completed a two-year term as the state society Treasurer. Previously, he served as a member of the Annual Convention Planning Committee from 2006-2009, chairing the committee in 2008-2009 and was a member of the Young of the Year Task Force in 2006. Within Ozark Chapter, Neil is the current Chapter Past President serv-

ing as the chapter's president in 2011-2012, vice president in 2010-2011, secretary in 2009-2010, treasurer in 2008-2009 and a chapter director from 2005-2008. He is also a member of Ozark Chapter's Professional Engineers in Private Practice where he held the Chair's position in 2001 and Vice-Chair in 2000. Neil was Ozark Chapter's Young Engineer of the Year in 2007. He and his wife, Tonya, have three children, Tanner, Harper and Kaitlyn.

FOR PRESIDENT-ELECT



Gary Strack, P.E. from Western Chapter is an Associate with Shafer, Kline & Warren, Inc. He joined the firm in 1990 and currently serves as the Structural Engineering Group Leader in the Lenexa, Kansas, office. He is widely known for his expertise in bridge engineering where he has worked on various

aspects for more than 200 structures.

In MSPE, Gary has served two-terms as a Board of Directors' representative to the Executive Committee, led MSPE's Membership, Bylaws and Publications Committees, held officer positions in Western Chapter, and chaired the Professional Engineers in Private Practice division. In 2007, Gary received a MSPE Presidential Award commemorating his "outstanding leadership and unselfish service" in his performance as Western Chapter President, Membership Committee Co-Chair and Professional Engineers in Private Practice Chair-Elect. He is also a member of the Engineer's Club of Kansas City, National Society of Professional Engineers (NSPE), Transportation Engineers Association of Missouri, and the American Public Works Association (APWA). In APWA, he has served as the a member of the National Membership Committee (3 years), Leadership and Management Committee (6 years), and Diversity Committee (1 year) where he authored or co-authored six papers published in the APWA Reporter. Gary and his wife, Gayla, reside in Raymore, Missouri and have two sons, Eric (Jenny), a civil engineer intern, and Timothy, a ceramic engineer intern.

FOR VICE PRESIDENT



Breck R. Washam, P.E., of St. Louis Chapter, is a Vice President of Burns & McDonnell Engineering Company, Inc., and General Manager of the firm's St. Louis Regional Office. He has been with Burns & McDonnell for 23 years and joined them after earning his Bachelor of Sci-

ence degree in Mechanical Engineering from the Missouri University of Science & Technology (formerly the University of Missouri-Rolla) in 1990. He is a licensed professional engineer in Missouri and Indiana and has been a member of MSPE since 1991. Within the St. Louis Chapter, Breck has served in a variety of committee and officer positions including Chapter President in 2005-2006. At the state level, Breck is currently the MSPE State Treasurer and has served as Chairman of the MSPE Professional Engineers in Private Practice and as a State Director for the St. Louis Chapter. Breck is also an active member of the Engineers' Club of St. Louis and serves as an Area Director for the Miner Alumni Association. He received MSPE's Young Engineer of the Year Award at both the state and St. Louis Chapter level in 2002 and also received the Outstanding Engineer in Private Practice Award from the St. Louis Chapter in 2009. Breck and his wife, Ruth Ann, have three children, Landon, Taylor, and Blake.

FOR TREASURER



Ronald W. Black Jr, P.E., of St. Louis Chapter, is the Missouri Operations Supply Chain Superintendent for Ameren Missouri. He has more than 25 years experience with Ameren (Union Electric Company) previously serving as a Supervising Engineer, Distribution Engineer and Substations

Engineer. Ron holds a Bachelor of Science in Electrical Engineering from the University of Missouri-Columbia and a Master in Business Administration, Southern Illinois University-Edwardsville. Within MSPE, he is a Past President of St. Louis Chapter, the chapter's 2012 Outstanding Professional Engineer in Industry, and the 1998 Young Engineer of the Year for MSPE and St. Louis Chapter.

Ron has also been active on the Maryland Heights Chamber of Commerce Board of Directors and served as its Chairman of the Board, the UE Political Action Committee (PAC) Board Member for two years, a 17-year member of Engineers Club of St. Louis, Electrical Board of Missouri and Illinois (EBMI) member for 18 years serving as committee chairman and board member, and a 26-year member of the Institute of Electrical and Electronic Engineers (IEEE). His community service activities include: St. Baldricks, World Bird Sanctuary, Habitat for Humanity, Ronald McDonald House, Grace Church, and Bogy Crossing Subdivision Trustee. Ron and his wife Melody reside in St. Charles with their daughter Kristin.

Join Us ...

A message from the
Annual Convention Chair



MSPE 2013

76th Annual Convention
June 16-19, 2013



Please join us at MSPE's 76th Annual Convention on June 16-19, 2013 in Branson, Missouri. The convention, for the second year in a row, is being held at the beautiful Chateau on the Lake Resort and will be filled with opportunities for members at all levels to network in relaxing social settings. In addition, entertainment for the entire family and 11 hours of exciting and educational PDH programs are planned along with opportunities to participate in state, chapter, and practice division leadership meetings where discussions will be held on future actions

MSPE can take to educate, advocate, legislate, and communicate in our state and beyond. There is also an opportunity for chapter officers and young engineers to collaborate across their chapter boundaries and share success stories, ideas, and lessons learned.

MSPE President David Howe, the Annual Convention Planning Committee, and MSPE Director of Operations Cherie Bishop, have worked hard to plan a first rate convention promoting a "Focus Forward" theme adopted to remind us the importance of providing relevant services while maintaining pace in a dynamic environment. I hope to see all of you at this milestone event that kicks off MSPE's next 75 years.

Social Events - Networking

Every convention depends on social events as a fun and important avenue to bring people together. The relaxed atmosphere helps open lines of communication and promotes camaraderie. Since this year's convention opens on Father's Day, we're planning an outdoor barbecue - served up by our distinguished Executive Committee - complete with tailgate-style yard games. "Bragging rights" is just one of the prizes up for grabs at this function. Another exciting event in this year's "fun night" on Tuesday which features a reception at the nearby "crown jewel" of Table Rock Lake - the brand new Dewey Short Visitor Center and Discovery Shop near Table Rock Dam. The visitor center tells the story of our Ozarks Rivers Heritage and the history of the Corps of Engineers through exciting and interactive exhibits that provide a close up look at the inner-workings of a hydroelectric dam. We are thrilled to host an event at this state of the art venue which is so significant to the engineering profession.

PDHs

Earning PDHs is extremely important for MSPE's members to maintain licensure and keep current on top-

ics and trends that affect our profession. This year's PDH lineup is guaranteed not to disappoint. We have a day and a half packed with diverse and relevant programs beginning with our keynote speaker, Bill Cole, who will be discussing Strategic Decision-Making Techniques. Bill received rave reviews after speaking at the MSPE Leadership Workshop last September and we're thrilled to have him open our PDH program.

Transportation funding is always a hot topic and we expect to have MoDOT's newly appointed Chief Engineer provide an up to date report on the funding situation and what we can expect to see in the future.

With the number of engineering graduates in the United States becoming an issue of late, we have invited high-ranking officials from the engineering programs at universities throughout the state to discuss this and other topics along with the representatives from the Missouri After School Network to share their STEM education experiences which help promote students to pursue engineering degrees.

Our engineering sophistication is constantly evolving and programs on GIS mapping, sonar scanning, and green engineering will be provided to help keep us on the forefront of our profession.

Finally, a presentation and Q&A

from our distinguished MoAPELSA Engineering Division will give us the latest updates on the current state of Professional Engineering Registration in Missouri and what the future holds in our quest to maintain the integrity and importance of licensure and ensure that public health, safety, and welfare remains paramount in our profession.

Join Us

I want to thank Cherie Bishop, Dave Howe, and all the Annual Convention Committee members again for the time and effort they have put into the planning and preparation for this year's Annual Convention.

As a group, we have strived to put together a top-notch program full of exciting social networking and family fun activities as well as educational and diverse professional development programs. Of course, all of us offer our thanks to you for making the decision to attend!

On behalf of the entire committee, I urge you to make your hotel reservations early and "join as" in celebrating another wonderful year of MSPE's efforts to "Focus Forward."

Thank you,

Kyle Schomaker, P.E.
Annual Convention Chair

Tentative Schedule of Events

Sunday, June 16, 2013

- Executive Committee Meeting
- Father's Day Barbeque



Monday, June 17, 2013

- Practice Division Meetings
- MSPE & Educational
- Foundation Board Meetings
- Chapter Officers Networking
- Young Engineer Mixer
- Annual Banquet Event
- Presidents' Reception



Tuesday, June 18, 2013

- Engineers' PDH Programs (8 am -4 pm)
- Engineers Lunch
- Spouse and Kids Activity
- Reception at Dewey Short Visitor Center

Wednesday, June 19, 2013

- Engineers' PDH Programs (8 am -12 pm)





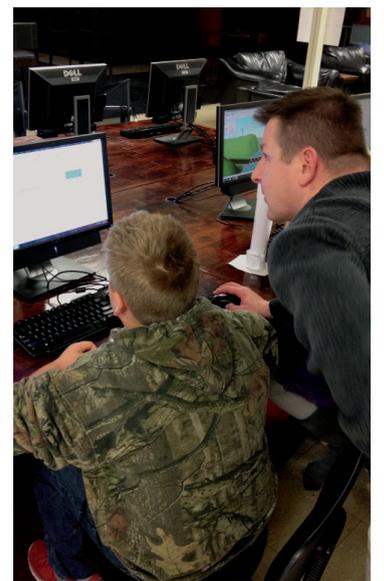
**Engineers
Week
2013**
February 17-23

Celebrate Awesome



OZARK CHAPTER

Ozark Chapter's Engineers Week events focus on encouraging school-age children to develop an interest in engineering, science, and mathematics through variety of events. Discover Engineering Day is the chapter's community outreach event - which is pictured above and at right - was held on February 23, 2013 at the Findlay Student on the Drury University campus. A Proclamation signing by Springfield Mayor Bob Stephens, a 14-school school MATHCOUNTS competition on February 16 and the 24th Annual Model Bridge Contest also put the Ozark Chapter's engineers in the spotlight.



ST. LOUIS CHAPTER

St. Louis Chapter had a full schedule of Engineers Week events that included hosting the MATHCOUNTS competition at St. Louis College on February 16 (top photo), an Engineer's Week Luncheon February 19, Awards Night held at Boeing's Prologe room and Engineering Exhibits at the St. Louis Science Center (photo at left)



SOUTHEAST CHAPTER

MATHCOUNTS highlighted Southeast Chapter's Engineers Week events. Forty-two students from five schools competed. Information about all engineering disciplines and a tour of the pre-engineering classrooms and lab at the Cape Girardeau Career & Technology Center (pictured above) was held for students, coaches, parents and chapter members.

WESTERN CHAPTER



Engineers Week in Western Chapter is a "big" deal with 550 attendees gathering for the 2013 E-Week Luncheon at Kansas City's Downtown Marriott hotel. In addition to the lunch and keynote presentation, attendees visit exhibit tables showcasing the Greater Kansas City area's engineering firms, STEM activities, and UMKC's School of Computing and Engineering. The event also serves as a spotlight on awards for MATHCOUNTS, TEAM, and Bridge Building competitions plus announcement of the chapter's Young Engineer of the Year.



UMKC Announces Stormwater Certificate Program For Practitioners

The University of Missouri–Kansas City School of Computing and Engineering has teamed with local practitioners in St. Louis and Kansas City to create an advanced level stormwater management training program to provide attendees with unique documentation in their chosen field of specialization.

The program goal is to develop a standard for post-construction stormwater BMP design, construction, inspection and maintenance competencies in the U.S. mid-continent region. During this session, EPA Region 7 will introduce the history of stormwater quality regulations, Southern Illinois University-Edwardsville faculty will discuss hydraulic and hydrologic theory and expert practitioners will present the full range of disciplines and expertise necessary to successfully integrate the components of these stormwater management systems.

Upon completion of this session, attendees will be better able to:

- Describe how the EPA's past, present and future policies, regulations and rules impact stormwater management practitioners.
- Distinguish the roles that designers, contractors, inspectors and maintenance providers are called upon to fulfill in these increasingly complex stormwater systems.
- Define the reasons for and the benefits of collaboration among the project team.
- Demonstrate practical knowledge about the pollutant removal potential of engineered soils and native plants.
- Apply know-how gained from recognized experts in all phases of post-construction BMP design, construction, inspection and maintenance.

This program is not designed for those with limited experience in this market; the content is geared toward practitioners experienced with stormwater BMPs.

Legislative Priorities Need Your Influence

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



As the Missouri Legislature hits the home stretch, there is much work to be done if this is to be a productive session for MSPE priorities. The session started with much promise in January, but with a month to

go it's going to take a lot of political will-power for some of our top priorities to get through the process before the closing session on Friday, May 17.

Always a key focus at this time of year is passing the state's balanced budget. The House has passed their version and moved to Senate for action. All funding-based priorities MSPE is supporting do not impact the state's budget, and must go directly to the voters for approval at a future election date to be designated by the Governor. Because of its conservative base, it appears that the House of Representatives leadership is reluctant to even vote on sending the measures for a public vote.

Top priority issues in the session include:

Establishing building codes for 3rd and 4th class counties

The house version, HB 45, authorizes the county commission in any county to adopt specified building codes and establish a building commission and exempts a structure used solely for specified agricultural purposes from building code regulations. It was passed by the House Committee on Local Government on February 25. Over in the Senate, SB 24, provides for third and fourth class counties to adopt building codes upon voter approval and exempts agricultural structures from the county building codes. This bill was passed by the Senate on February 20 and was assigned to the House Committee on General Laws on March 27.

State bonding for building repairs

House Joint Resolution (HJR) 14 proposes a constitutional amendment authorizing the General Assembly to issue bonds to fund higher education improvements, constructions, landscaping, land or building purchases, and transportation infrastructure. It was heard by the House Budget Committee on February 5. Assigned to the Senate Appropriations Committee on March 13, the Senate version of the bill, SB 464,

requires approval by the General Assembly before the Board of Public Buildings may issue revenue bonds for state office buildings.

Transportation sales tax for roads and bridges

Senate Joint Resolution (SJR) 16 imposes a temporary one-cent sales and use tax for transportation purposes. This bill was passed by the Senate on March 14 and was second-read by the House on March 26. A similar measure, House Joint Resolution (HJR) 23) was passed by the House Transportation Committee on February 28 and the House Rules Committee on March 14.

Other issues

Additionally, MSPE is supportive of legislation that will: allow electric utilities to recover costs for infrastructure replacement projects through surcharges on current rates upon Public Service Commission approval (SB 207 and HB 398) and extend certain MDNR program fees due to sunset this year.

On the flip side, MSPE opposes the elimination of several Missouri Department of Natural Resources (MDNR) boards

and commissions. It appears MDNR is under the magnifying glass again and is the agency to dissect this year.

You can find all of bills MSPE is track and how they've progressed through the bill-making process by visiting our website at www.mspe.org. From the homepage, choose Legislative Advocacy on the left navigation bar, and then click on Bill Tracking Table to see that not many have made it very far.

Your integrity and high esteem as a professional engineer can influence our lawmakers. The more you get involved in the legislative process, the more influence MSPE will have as a professional organization. Please make it a point to contact your Representative and Senator on whatever bills are of interest to you. It's important for you, as an engineer, to introduce yourself, explain what you do, and then talk about one bill/topic of interest. You can contact them by phone or email, which are available on the House (www.house.mo.gov) and Senate (www.senate.mo.gov) websites – most legislators leave the capitol on Thursday and are home in district on Friday and some of Monday.



Participants in the **Legislative Drive-In** sponsored by the Missouri Transportation Construction Coalition attend a strategy session before visiting their individual legislators. Among those participating in the **Legislative Drive-In** activity from MSPE were Breck Washam, P.E. and Britt Smith, P.E. (at top) and Dan Meckes, P.E., Barbara Wells, P.E. (in foreground at left) plus Tom Gredell, P.E. and Jason Dohrmann, P.E. (second row at left)

Classified Advertisements

PROJECT ENGINEER/ PROJECT MANAGER

Olsson Associates, a successful engineering firm, is seeking an experienced project engineer/project manager to work with the transportation team in our Springfield, MO office. Ideal candidate will possess P.E. certification, and have 7-10 years of engineering experience including transportation or traffic design. Responsible for arterial/highway design and traffic engineering for various transportation and traffic projects throughout Missouri and the Midwest. Project management and client interaction opportunities available for the right candidate. Professional environment, excellent compensation, comprehensive benefits. Please apply online at <http://www.olssonassociates.com>. EOE

KANSAS CITY WATER SERVICES POSITION OPENINGS

Kansas City Water Services Three New Senior Level Utility Positions: Wastewater Utility Officer, Stormwater Utility Officer, and Manager of the Overflow Control Program

In October 2012, Kansas City Water Services announced a significant organizational restructuring designed to transform Water Services into a professional, data-driven, and customer-focused utility. As part of this restructuring, Water Services is now conducting a national search for three positions:

Wastewater Utility Officer (This is an unclassified position; it is anticipated that the top of the annual salary range will be up to \$160,000): Candidates expected to have a Bachelor's degree and ten (10) years of progressively responsible utility industry experience.

Stormwater Utility Officer (This is an unclassified position; it is anticipated that the top of the annual salary range will be up to \$160,000): Candidates expected to have a Bachelor's degree and ten (10) years of progressively responsible utility industry experience.

Manager of the Overflow Control Program (Engineering Division Head) (This is a classified position and is part of the City of Kansas City's Classified System; it is anticipated that the top of the annual salary range will be up to \$117,000): Candidates expected to have a Bachelor's degree in engineering or a closely related field and six (6) years of progressively responsible experience as a Registered Engineer. In addition, this position requires registration as a professional architect/engineer with the State of Missouri within six (6) months as a condition of continued employment.

Detailed brochures available at www.ralphandersen.com for each position. Apply no later than April 19, 2013 to apply@ralphandersen.com. Submissions should include a compelling cover letter, comprehensive resume, salary history, and professional references. Confidential inquiries welcomed to Heather Renschler at (916) 630-4900.

ELECTRICAL ENGINEER

Posted February 13, 2013

SKF Lubrication Business Unit

POSITION AVAILABLE TITLE: Electrical Engineer

REPORTS TO: Paul Conley

LOCATION: St. Louis Corporate Headquarters

SUMMARY: Lead the development of electronic related new products to meet requirements on a global basis. Work regularly with outside design engineering consultants to ensure the design of products meets Lincoln specifications. Work with Marketing and Sales to define Lincoln specifications for both electro/mechanical and electrical products. Responsible for complete product design and evaluation and solution of engineering electrical related products of complex nature from concept throughout prototype and field testing into production implementation. **ESSENTIAL DUTIES AND RESPONSIBILITIES** include the following. Other duties may be assigned:

- Produce engineering documents to include electrical assembly drawings, installation schematics and engineering specifications.
- Lead in the design, development, testing and field validation of new products or modifications to existing Lincoln products.
- Coordinate with company facilities around the world as required to ensure complete definition of electrical design requirements related to new products.
- Identify project capital and expense costs related to electronic test fixtures
- Responsibility to approve new electronic related projects and to lead and coordinate cross-functional project teams both internally and with other engineering departments as required around the world.
- Analyze and solve technical problems and provide solutions that can be implemented in a timely manner.
- Provide technical support to distributors on product installations to ensure field test installations conform to appropriate product

- application.
- Meet with end user and external customers as needed to understand markets and applications of Lincoln products.
- Investigate new technologies or existing technologies that can be effectively applied to Lincoln markets.
- Review and approve engineering electrical schematic drawings supplied by outside engineering firms verifying that designs conform to appropriate product applications
- Initiate and perform lab testing of competitive products highlighting difference, strengths and weaknesses. Ensure that the product being developed will meet customer expectations.
- Ensure all designs meet appropriate product, UL, CSA, CE safety standards.

QUALIFICATIONS:

- BSEE / BSEET
- 4 years experience in a related field for BSEE
- 6 years experience in a related field for BSEET
- Proficient use of PC Computer hardware
- Proficient use in MicroSoft Excel
- Technical competency in component and level circuit design
- Knowledge of C, C++ and VB. Net highly desirable
- Experience in motor drive systems desirable.

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Hannibal, MO 63401

Email: klaird@mecoengineering.com

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MECO Engineering Company

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Jefferson City, MO 65109

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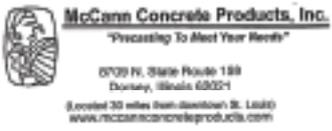
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MoAPELSLA Sets Open House Sessions

The Missouri Board for Architects, Professional Engineers, Professional Land Surveyors and Landscape Architects (MoAPELSLA) will be holding Open House Sessions in conjunction with the Open Board Meeting portion of the quarterly scheduled Board meetings starting on May 7, 2013 in St. Louis. Other scheduled Open House Sessions will be August 6, 2013 in the Kansas City area; November 5, 2013 in the Springfield area; and January 28, 2014 in Jefferson City.

All licensees and the public are welcome to come talk to the Board, ask questions and observe the Open Session of the Board to get a better understanding of how your Board functions. Invitations with specific details regarding location and time will be mailed to all licensees that reside in the area three weeks prior to each Open House Session. Attendance at each Open House qualifies for one CEU, PDH, or PDU and Continuing Education Certificates will be awarded after each session.

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New Members

MSPE welcomes the following new members to the society.

CENTRAL CHAPTER

Barbara Li, P.E.

Shafer, Kline & Warren
3200 Penn Terrace, Suite 100
Columbia, MO 65202

ROLLA CHAPTER

Student

Cassa Hume

OZARK CHAPTER

Students

Patrick Goforth
Timothy Pryor
Jesse Sherman

ST. LOUIS CHAPTER

Quintin Binder, E.I.

GHTool & Mold
28 Chamber Drive
Washington, MO 63090

Ramses Kbalil

9814 Winternight Lane
St. Louis, MO 63126

Laura Nolan, P.E.

Burns & McDonnell
425 S. Woods Mill Rd.
Chesterfield, MO 63017

WESTERN CHAPTER

Students

Alexander Giraldo
Emmanuel Okolo
Jose Lopez
John Menteeer
Marco Toapauta

Newly Licensed P.E.'s Awarded Certificates In Special Ceremony

On April 5, 2013, 14 newly licensed professional engineers were awarded their professional engineering certificate in a ceremony hosted by the Missouri Society of Professional Engineers in the state capitol rotunda.

Three of new P.E.'s at the ceremony were MSPE members, Joshua Crews, P.E. of St. Louis Chapter, Todd Kempker, P.E. from Jefferson City Chapter and Eric Strack, P.E. of Western Chapter. Dina Bautista, P.E., Brandon C. Freeman, P.E., Karen S. Moll, P.E., and Leo Zibert, all of the Southwest Chapter, were among the newly registered P.E.'s unable to attend the ceremony.

Dr. Paul R. Munger, P.E., former chairman of the Missouri Board for Architects, Professional Engineers, Land Surveyors and Landscape Architects (MoAPELSLA) delivered the keynote

address sharing valuable wisdom from his years leading the licensure board. Judy Kempker, Executive Director of MoAPELSLA and MSPE President David Howe, P.E. also spoke.

Each October and April, the MSPE, in conjunction with MoAPELSLA, hosts the certificate presentation in Jefferson City. The event provides a unique opportunity for the society to applaud the new P.E.'s. Other Executive Committee members attending and talking with participants about MSPE's efforts in protecting and defending the licensure law were President-Elect Neil Brady, P.E., Vice President Gary Strack, P.E., Past President, Britt Smith, P.E., Director Joe Marsh, P.E. and Director Liz Duvall, P.E. Volunteers Andy Bonderer, P.E. of Central Chapter and Timothy Leaf, P.E. of the Jefferson City Chapter helped MSPE Director of Membership Marla Day make the event a lasting impression for the new PE's.

Life Member Makes Voluntary Dues Donation

MSPE is very grateful for the generosity of the life members who answered the annual request for voluntary dues contributions to support the society's continued efforts to meet its mission and objectives. A sincere thanks is extended to the following life member who provided a generous donation:

Gerald Hitt, P.E.
Jackson, MO

In Memoriam

MSPE received word on the deaths of three of its life members, including Past President Donald L. Hiatte, P.E. who led the society in 1977-1978.

Jay Buehler, P.E. of Shawnee Mission, Kansas joined MSPE in 1968 and was affiliated with the Western Chapter. He was granted life membership by the Board of Directors on April 11, 1990

Donald L. Hiatte, P.E. of New Bloomfield, Missouri joined MSPE on April 1, 1960. He was affiliated with both the Northwest and Jefferson City Chapters and was conferred life membership status on June 10, 2000.



In addition to serving as MSPE's president, he was only the second MSPE member to serve as president of the National Society of Professional Engineers in 1991-92. He served on almost every engineering association board possible including serving as a member of the Missouri Board for Architects, Professional Engineers and Professional Land Surveyors from 1995-2002 including a four-year term as the Engineering Division Chair from 1998-2002. He also led the National Council of Examiners for Engineers and Surveyors in 2003-2004.

Joseph Reichert, P.E. of Western Chapter joined MSPE on March 1, 1960. He was approved for Life Membership on June 22, 2002.

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Missouri University of

Science and Technology

Rolla, MO

Palmerton & Parrish

Springfield, MO

Payne & Brockway, P.A.

Olathe, KS

PhotoScience, Inc.

Kansas City, MO

Scurlock Industries

Springfield, MO

Shafer, Kline & Warren

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Strickland Engineering

Jackson, MO

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UMKC School of Computing &

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Kansas City, MO

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Columbia, MO

Walter P. Moore & Associates

Kansas City, MO