MSPE’s Board of Directors faces an important decision at their June 19, 2017 meeting during the 80th Annual Convention. The board must vote whether to adopt a proposal from the National Society of Professional Engineers (NSPE) that would change the society’s membership model.

Executive Director Bruce Wylie and State Membership Committee Chair Jason Sommerer, P.E., have asked board members to discuss the proposed membership model changes with their chapters. Individual members are encouraged to ask questions or provide their reaction or comments to MSPE’s Executive Director at bwylie@mspe.org. NSPE’s proposed new membership model creates a two-option membership model for states to choose from along with a single dues price point of $299 for three-tier membership that is consistent across the country. The new model is the result of a study group tasked with identifying a way to overcome national’s declining membership by creating a consistent membership model for use across the country.

The new model would be in addition to the state and national) dues-paying status. Individual members are urged to contact MSPE’s Executive Director at bwylie@mspe.org with questions or comments.

If the new Integrated Partnership membership model is adopted, the proposal will immediately:

- Require MSPE to transition away from its current two-tier/three-tier membership offering to the new three-tier only option.
- Force MSPE to transfer three-tier dues invoicing to NSPE.

MSPE’s State Membership Committee Chair anticipates the society will have to continue to provide a robust state level of administrative membership service and database management to continue the society’s chapter focused efforts by:

- Providing continued membership tracking and reports to enable chapters to conduct retention efforts for delinquent or dropped members.
- Administration and Invoicing of grandfathered two-tier members.
- Providing membership lists and various reports to the Executive Committee, Board of Directors and Chapter Leadership.

Individual society affiliates will be asked to choose from either:

**Integrated Partnership**
- Any state currently offering two-tier membership would cease doing so and only offer three-tier membership at the $299 reduced price point moving forward.
- All existing two-tier members will be grandfathered, and may remain as state-only members in perpetuity, but states may not offer new two-tier memberships.

**Non-Integrated Partnership**
- Maintain an official cooperative relationship, but all administrative, financial, and operational activities will be separated between the state society and NSPE.
- NSPE would attempt to bill three-tier members the full $299 dues (which would be in addition to the state society’s dues) but would not share revenue with the state societies.
- State societies will be responsible for marketing, billing, and administration for its members state and chapter dues (as Missouri does today).

Additional aspects include:
- **Discounts eliminated for six months free and introductory dues**
- **Enterprise Member discounts eliminated** but enrolled companies will still receive a single invoice showing the single dues price point of $299 for each of their members.
- **Retention of discounts** for student members; graduated dues for graduate members; retired members; life members.
- **NSPE Governance** will be unaffected - all state societies will still be represented with their number of votes based on how many three-members they have.

Each state is being asked to select from either the **Integrated or Non-Integrated** partnership categories during NSPE’s 2017 Annual Meeting in Atlanta this July. NSPE’s new membership model is anticipated to go into effect July 1, 2018. Voting to accept the new membership model does not force a state society to commit to its desired level of partnership at this time.

Whichever direction the society’s Board of Directors decides regarding the new NSPE membership models, virtually all MSPE members, with the exception of those granted life membership status, will be impacted. While the full impact of NSPE’s new membership model on MSPE and its membership is unknown, it could be considerable. Currently, Missouri is one of 10 states offering its members a membership choice: either a two-tier (chapter and state) or three-tier (chapter, state and national) dues-paying status.
President's Message:

**Building A Better MSPE: "It's What We Do!"**

**By Matt Bedinghaus, P.E.**
**MSPE President**

I have less than two months of my MSPE Presidency left. This past year has been a very meaningful time for me, and traveling to all the chapters as your State President has been a tremendous experience. Every chapter has great people that are contributing to MSPE in many ways. Many follow longstanding traditions, others are introducing new events, but all 10 of our chapters are adapting as they think best to provide you engagement in MSPE’s mission. We can all learn from each other and the Annual Convention coming up in June is a great place to exchange notes and share stories. So, I urge you to make plans to come and get involved: after all, "It’s What We Do.”

Speaking of the Annual Convention, have you signed up yet? If not, go to www.mspe.org. Hopefully many of you have already reserved your hotel room at The Lodge at Old Kinderhook in Camdenton, Missouri and also registered for the Annual Convention event happening on June 18 - 21. If you haven’t yet, do it today, this hotel fills up fast.

While you’re on MSPE’s website, you can also order an MSPE 80th Anniversary logo shirt to commemorate this momentous anniversary. Shirts can be picked up today, this hotel fills up fast. If you haven’t yet, do it on June 18 - 21. If you haven’t yet, do it today, this hotel fills up fast.

Another fine example of “It’s What We Do.” MSPE staff graciously agreed to take on this online activity in addition to their many other duties in the hopes it will make it easier for the membership to utilize – of course, you can still email or fax your registrations using your credit card or send a check in the mail.

Getting to know and work with the MSPE staff much more directly than I ever had before through planning our meetings, and watching and learning about the numerous practical, economic, and political constraints they face while keeping MSPE viable for us has been very enlightening and informative. The staff stretches dollars, time and resources as best they can to balance what is given them and demanded of them. I can’t say enough about how much we should appreciate all their efforts made on our behalf. But hey, "It’s What They Do”.

Our Statewide Membership Committee, led by Jason Sommerer, P.E. and MSPE Membership Coordinator Stacey Meyer, has been very active this year and with the help of many of you have improved our membership process for everyone. Changing the Newly Registered P.E. Certificate Ceremony back to a Saturday was a big success and a great idea for which Jason and Stacey are to be commended. Be sure and turn to Page 7 to read and see the results of this event.

Speaking of membership, **EVERYONE** must take the time to evaluate the new Membership Model introduced by NSPE (See Page 3). This will have long term effects on both our state society and our national society. There are numerous issues and effects on both state and national that must be considered. Many states are in far worse shape than ours and I believe that national has done what they think is best for the continued survival of NSPE and the state societies. Like every other plan, I’m sure that some of you have the way to improve it. It’s What We Do. We will have from now to the State Convention to research ways to improve it and we will be discussing and voting on how we collectively want Ron Black, PE and our National Delegate, to vote at the National NSPE Meeting in July.

One final reminder: we have a great Annual Convention planned for you this year by Annual Convention Planning Committee Chair Rachael Goekle, PE. and her committee with guidance from MSPE Director of Operations Cherie Bishop. This takes a lot to pull together and they have done a specular job for you this year. Please plan on joining us to build a better MSPE: “It’s What We Do.”

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**Legislative Action**

**Attempt To Sweep $1 Million MoAPELSPA Funds Averted**

MSPE scored a legislative victory in the next to last week of legislative session by thwarting an attempt to sweep $1 million from the Missouri Board for Architects, Professional Engineers, Professional Land Surveyors and Professional Landscape Architects (MoAPELSPA) operating funds. The society’s effort succeeded with assistance from its lobbyist Mark Rhoads and members Rocky Miller, PE., State Representative from the 124th District, and Bart Korman, P.E., State Representative from the 42nd District.

Kevin Skibiski, P.E., chairman of MoAPELSPA’s engineering division, alerted MSPE’s staff to the sweep attempt while confering with board members during a pre-board meeting phone conference.

Executive Director Bruce Wylie took immediate action, while in Washington, D.C. for ACEC’s Annual Convention & Legislative Summit, to contact MSPE’s lobbyist. Upon his return to the office, he and Cherie Bishop, Editor of The Missouri Engineer, drafted a letter opposing the funds sweep, which was submitted to MSPE’s lobbyist who delivered it Monday, May 1 to members of the Joint Conference Committee. At the same time, association representatives for the architects, professional land surveyors and professional landscape architects were also working to stop the sweep attempt.

The society’s letter pointed out any sweep of MoAPELSPA Board’s current funds was contrary to current state statute and also noted it would likely precipitate an unnecessary burden of raising the cost of professional licensure for all of Missouri’s registered architects, engineers, land surveyors and landscape architects. And, additionally, noted the proposal would be viewed as a punitive action against the MoAPELSPA Board members and staff who have been fiscally responsible to its licensees by creating a healthy reserve for use in the event of a catastrophic event – similar to the 1981 scenario where the Hyatt Walkways Collapse in Kansas City forced the Board to increase fees to cover litigation costs.

In closing, MSPE’s letter pointed out the intent of the sweep money wasn’t being used to serve all of the professions represented by MoAPELSPA and argued that seeking funding to support a single engineering program was inappropriate when other engineering programs elsewhere across the state could also use additional funds to train future professional engineers. Click to read MSPE’s letter
Nominating Committee Names 2017-18 Slate of Officers

Pursuant to Article VII of the society’s Bylaws, the Nominating Committee has selected the following members as to serve as officers of the society during the July 1, 2017 to June 30, 2018 administrative year.

Immediate Past President Breck Washam, P.E. of St. Louis Chapter presided over the nominating committee which was composed of Neil Brady, P.E., MSPE Past President, Ozark Chapter; David Howe, P.E., MSPE Past President, Western Chapter; John Riediger, P.E., State Director, Southwest Chapter, P.E., and Brit Smith, P.E., MSPE Past President of Jefferson City Chapter.

Formal election of the new officers takes place on Monday, June 20, 2017 during the Meeting of the Membership held in conjunction with the Board of Directors meeting at the society’s 80th Annual Convention at The Lodge at Old Kinderhook in Camdenton, 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. Wyile) 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.

FOR PRESIDENT

Ronald W. Black Jr, P.E., PMP of St. Louis Chapter, is Supply Chain Operations Superintendent for Ameren. He has more than 29 years of experience with Ameren (Union Electric Company) previously serving as a Supervising Engineer, Distribution Engineer and Substations Engineer. Ron holds a B.S. degree in Electrical Engineering from the University of Missouri-Columbia and a Master in Business Administration from Southern Illinois University-Edwardsville. Within MSPE, he is the current President-Elect. Ron 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. He has also been active on the Electrical Board of Missouri and Illinois (EBMI) for 22 years and currently serves on their Board of Directors; the Maryland Heights Chamber of Commerce Board of Directors and Chairman of the Board; a 23-year member of Engineers Club of St. Louis, and a 32-year member of the Institute of Electrical and Electronic Engineers (IEEE). His community service activities include: St. Baldrick’s fundraising for children’s cancer research, MATHCOUNTS, First Lego League, United Way of Greater St. Louis and Grace River Church. Ron and his wife Melody reside in St. Charles with their daughter, Kristin.

FOR TREASURER

Mitch Krysa, P.E. of Western Chapter, is currently Supervisor IT Applications and Services for Kansas City Power & Light. He has 45 years of experience with Missouri Public Service, UtiliCorp United, Aquila, and KCPL. Prior to moving to Information Technology in 2000, he served in a multitude of engineering positions - District Engineer, Division Engineer, Director T & D Engineering - and then served in multiple roles involving mergers and acquisitions, marketing and Energy Markets. Mitch holds a B.S. in Electrical Engineering from the University of Missouri - Rolla (now Missouri University of Science and Technology), and a Master in Electrical Engineering from the University of Missouri-Columbia. Mitch was the Western Chapter President in 2012-2013 and served a 3-year term as the chapter’s State Director. He has held most all officer positions in the chapter – including helping lead the chapter’s very successful Engineers Week Luncheon event for several years. Currently, Mitch is the chapter’s Arrangements Chair and is assisting the STEM Committee on their work with the Kansas City Stem Alliance. Additionally, Mitch is a life member of the Institute of Electrical and Electronics Engineers, a member of the Kansas City Monarch’s recreational fast pitch wood bat baseball team and has enjoyed winning two national titles in the past five years serving as player, third base coach and assistant Manager. Mitch resides in Lee’s Summit where he enjoys spending time with his 18-month grandson, Kalvin. He is anticipating the arrival of a granddaughter due in May.
Sinc 1983, MSPE has hosted a Professional Engineer Certificate Ceremony in Jefferson City twice a year, in October and April, to applaud the state’s newest registered professional engineers on their passage of the principles and practice exam for professional engineering licensure. The ceremony is also an opportunity for family members to witness this career benchmark.

2017’s April ceremony introduced a new look and feel to the ceremony. Held on Saturday, April 8, additional activities drew 25 newly licensed professional engineers and their families to take part in the event.

A morning Professional Development session featuring two hours of presentations on engineering ethics, entrepreneurship and leadership drew 15 of the new PE’s. Presentation topics included: “Engineering Ethics and Professional Licensure” by Kevin Skibiski, P.E., Chair of the Engineering Division of the Missouri Board for Architects, Professional Engineers, Professional Land Surveyors and Professional Landscape Architects; “Entrepreneurship and Leadership” by Rebecca Losli, P.E., of Burns & McDonnell; “Building Your Business Acumen” by David Howe, P.E., Black & Veatch; and “Technology Trends and the Female Experience in STEM” by Dana Sheahen, P.E., with Udacity. Sponsor of the PDH session was Kathy French, P.E. of MSPE’s St. Louis Chapter. During the PDH Sessions, family members could enjoy tours of Missouri’s Capitol Building and the historic State Penitentiary.

Following the PDH sessions, participants and their spouses enjoyed lunch and networking at Avenue HQ until The Trolley Company arrived to transport participants to the P.E. Certificate Ceremony, sponsored by AMEREN Missouri and Burns & McDonnell. Ed Hassinger, Chief Engineer of the Missouri Department of Transportation, delivered the keynote address. His remarks, aimed at guiding the new PE’s in their career choices, were well-received. Approximately 90 people, including the new PE’s, spouses, guests and MSPE volunteers participated in a reception after the ceremony.

An Order of the Engineer Ceremony, conducted by MSPE member J. Gerald Morgram, Ph.D., P.E., and co-sponsored by Bartlett & West and Black & Veatch, concluded the day-long event. Eleven of the newly licensed engineers accepted the Obligation — by pledging to uphold the standard and dignity of the engineering profession and serve humanity by making the best use of Earth’s precious wealth. Each received a stainless-steel ring as a reminder of their duty to serve the public health, safety, and welfare.

MSPE looks forward to offering an enhanced PE Ceremony event marking licensure accomplishment of the state’s newest professional engineers.

MoDOT Chief Engineer Ed Hassinger, P.E. delivers the keynote address at MSPE’s PE Ceremony to the new engineers and their guests.

Newly registered professional engineers attending the April 2017 P.E. Certificate Presentation Ceremony marked the special occasion by gathering for a picture with MSPE’s member engineer hosts on the Missouri state capitol building steps.

Thank You Sponsors

MSPE extends its sincere thanks to the following corporate and individual sponsors for their generous support.

P.E. Certificate Ceremony
AMEREN Missouri
Burns & McDonnell

Order of the Engineer
Bartlett & West
Black & Veatch

PDH Session
Kathy French, P.E.

Newly Licensed PE Networking and P.E. Reception
MSPE Northeast Chapter
MSPE Jefferson City Chapter
MSPE Ozark Chapter
MSPE St. Louis Chapter

Photos
Dawn Hill
Full-Day Event Includes Professional Development

P.E. Ceremony attendees also had an option of attending two hours of Professional Development Sessions. Speaking to the new P.E.’s were (at right, left to right), Dana Sheahen, P.E., David Howe, P.E., Kevin Skibiski, P.E. and Rebecca Losli, P.E. ...

... the quartet of accomplished MSPE members delivered sessions on Ethics, Licensure, Entrepreneurship and Leadership, Developing Business Acumen, Technology Trends and the Female Experience in STEM

... concluding the day was a special Order of the Engineer Ceremony conducted by Dr. J. Derald Morgan, P.E. During the ceremony engineers are asked to take an oath to protect the earth’s precious resources and to wear a stainless steel ring on their working hand to signify their oath.

Credit for MSPE’s successful P.E. Ceremony event is due to the volunteer efforts of MSPE’s Membership Committee including Tom Greer, E.I., Chair Jason Sommerer, P.E. and Andy Mueller, P.E., along with MSPE’s Membership Coordinator Stacey Meyer.
### 2017 CONVENTION HIGHLIGHTS

**Sunday, June 18, 2017**
- **AM**
  - Golf Scramble
- **PM**
  - Sugarloaf Winery: Wine Tasting... *On your own*
  - Executive Committee Meeting

**EVENING**
- Backyard Games & BBQ... *Eat, play and network!*

**Monday, June 19, 2017**
- **AM**
  - Young Engineer/Practice Division & Committee Meetings
  - HaHa Tonka ....tours, exploring, hiking -- *On your own*
- **AM/PM**
  - Spa Specials for MSPE guests
- **PM**
  - Fashion Show for Spouses/Guests (Kids welcome)
  - MSPE and MSPE EF Board of Directors’ Meetings

**EVENING**
- Annual Banquet/President’s Reception
- Kids Dinner & Movie
  - (Child care provided)

**Tuesday, June 20, 2017**
- **AM**
  - HaHa Tonka ....tours, exploring, hiking -- *On your own*
- **PM**
  - PDH Sessions: 8 hrs., 4 hours dual track
  - *PM – "Let’s Paint with Patty" for Spouses/Guests and Kids*
- **EVENING**
  - Putting Contest
  - On-Site/Off-Site Dining
  - Social Events-- *On your own*

**Wednesday, June 21, 2017**
- **AM – PDH Sessions: 4 hrs, all dual track.**

### PROFESSIONAL DEVELOPMENT SESSIONS

**Tuesday, June 20, 2017**

<table>
<thead>
<tr>
<th>Track 1: How To Get Engaged in the Legislative Process</th>
<th>Track 2: 1,800 Foot Railroad Realignment in 72 hours</th>
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<tr>
<td>1 PDH</td>
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<tr>
<th>Track 1: State of Engineering Education in MO</th>
<th>Track 2: What Owners are Looking for from their Service Providers</th>
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<tbody>
<tr>
<td>Panel: Dr. Elizabeth Loboa (MU), Dr. Michelle Sabick (SLU), Dr. Kevin Truman UMKC, Dr. Matthew C. Pierson (MSUE/MS&amp;T)</td>
<td>Moderator: Bruce Wylie MSPE Executive Director; Panelists: Marie Collins, P.E., MSD St. Louis, Casey Brunke, P.E., City of Cape Girardeau, Dena Mezger, P.E., City of Lee’s Summit</td>
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<tr>
<th>Lunch</th>
<th>Track 1 A: Save Coalition</th>
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<td>Track 2: Wayneville Solar Farm: What It Means For a Rural Community</td>
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<td></td>
<td>Speaker: Ben Ross, P.E., Engineering Surveys &amp; Services</td>
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<td></td>
<td>Bruce Harrill, Wayneville City Administrator</td>
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<tr>
<th>Track 1 A: Ethics</th>
<th>Track 2: Joplin Tornado Recovery &amp; Emergency Preparedness</th>
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<tr>
<td>Tom Roberts, P.E., F.NSPE, NSPE President-Elect</td>
<td>Dr. C.J. Huff, former Joplin School District Superintendent</td>
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<tr>
<th>Closing Keynote: Creating A High Performance Workplace Culture</th>
<th>Leadership Lessons from the Masters</th>
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<tr>
<td>Gail Hinshaw</td>
<td>Bruce Wylie</td>
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**Wednesday, June 21, 2017**

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<tr>
<th>Track 1: Environmental Regulation Affecting Power Production</th>
<th>Track 2: National Freightway</th>
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<tr>
<td>Theresa Goin, KCPL, LaCygne Power Plant</td>
<td>Mary Lamie, P.E., Executive Director, St. Louis Regional Freight District</td>
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<th>Track 1: Southwest Power Pool: Day Look Ahead Power Planning</th>
<th>Track 2: State of the Region: Taney County Regional Sewer District</th>
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<tr>
<td>Casey Cathey, P.E., Manager, Operations Engineering, Analysis &amp; Support, Southwest Power Pool, Inc.</td>
<td>Speaker: Brad Albritton, P.E., TCRSD Administrator</td>
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<tr>
<th>Track 1: Overview of NERC Critical Infrastructure Protection</th>
<th>Track 2: 10 Best Proposal Practices</th>
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<tbody>
<tr>
<td>Author: Josh Roper, Director of FERC Compliance, KCP&amp;L</td>
<td>Carie Dunn, CPSM, Director of Marketing, Triver Associates</td>
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<tr>
<td>Presented by Mitch Krysa, P.E.</td>
<td>Cindy Hauser, CPSM, Marketing Director, Mackey Mitchell Architects</td>
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<th>Track 1: Grid Transformation for the Future</th>
<th>Track 2: Emergency Response and Preparedness - 2015 Flooding at Fenton and Grand Glaze WWTP</th>
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<tr>
<td>Speaker: Kyle Schoff, Ameren Innovation Center</td>
<td>Bret Berthold, Assistant Director Operations Department, MSD</td>
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<tr>
<th>Track 2: National Geospatial Agency: Next NGA West, St. Louis, Missouri</th>
<th>Speaker: To Be Determined</th>
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Convention Registration Deadline
Registrations due Friday, June 2, 2017 by 5 p.m.

5 Tactics for Growing Into A Strategic Role Within Your Firm

By Belinda Gates, ACC

A common source of frustration among professionals is not being able to attain a higher level within their organization. You have all of the educational requirements, work hard, go the extra mile to support your team, and yet, you fall just short of getting that elusive promotion. What is the key to achieving your career goals? How can you prove to your boss that you have what it takes to take on more responsibility, lead the company or at least have a seat at the table?

If your career goal is to be at a higher level and to take on more challenging managerial or leadership roles within your company, then perhaps a shift in your thoughts and actions would benefit you. A shared trait among most leaders is their ability to think and act strategically. That is, their capacity to plan and work toward long-term goals that serve more than just themselves. In theory, it sounds simple.

But, in practice, it’s challenging to act for the benefit of others rather than just for you, do the hard things that get no recognition and plug away for a long period of time with little immediate payoff. Acting strategically, can give you the career you desire, but don’t expect it to come overnight. It takes grit, patience and insight. Support from others helps, but it’s mostly an individual journey.

I started my journey toward a more strategic role within my A/E/C firm when I was first hired as a Marketing Coordinator. Within nine years, I became an Owner and I retired eight years after that. So, I speak from personal experience, as well as professional knowledge, when I say it is very much possible to achieve your career goals, no matter how lofty they are.

I’ve narrowed the process down to five tactics for growing into a more strategic role within your firm and it will be presented in detail at the MSPE Conference on June 20th. I designate “a more strategic role” because being strategic is a key difference between leaders and employees. Thinking and acting strategically will get you noticed and, in time, will reward you.

The five tactics are:

1. Understand the big picture: Knowing what it means to plan and work toward long-term goals and recognize the required traits to operate strategically.
2. Realize how you can add value: This is where insight comes into play. Being aware of your leadership style, ability to influence and all that you have to offer is critical.
3. Create a plan for success: How does your personal plan align with the corporate plan? Also, I’ll show you a proven process for planning that makes your goals achievable.
4. Communicate at a strategic level: This is the area that makes most people cringe. But, when done effectively, communication can be the trait that catapults you into stardom.
5. Act as a strategic driver: It’s one thing to have a good plan and operate strategically, but if you’re not driving the process, driving success, then you won’t enjoy the outcomes that you expect. Whatever your goals are, you can benefit greatly from understanding strategic principles and shifting your thoughts and actions to focus more on long-term outcomes. Doing so can actually reduce your daily stress levels and give you a more fulfilling life overall.

Become A Sponsor!
Add your firm to our growing list of Annual Convention sponsors. For information, email Convention Chair Rachel Goeke, P.E. at RachelGoeke@ppimo.com or MSPE Director of Operations Cherrie L. Bishop at cbishop@mspe.org for sponsorship information.

Room & Rates

**The Lodge at Old Kinderhook**
20 Eagle Ridge Road
Camdenton, MO 65020

Directions: From Highway 54, turn onto Lake Road 54-80 (Old Fifty-Four). Old Kinderhook Real Estate Office will be to your left. Continue north to the gated entrance on the right - follow to The Lodge.

**Lodge: 1 King or 2-Queen Beds**
Rate: $144 plus tax

**2-Bedroom Golf Cottages**
Rate $329 per night plus tax

**3-Bedroom Villa**
(2 held for MSPE)
Rate: $409 per unit plus tax

**Rate Extension:**
2-days before & 2-days after convention

**Reservation Deadline:**
**May 26, 2017**

**Phone:**
1-888-346-4949 or 573-317-4314

Book now! Make sure to say with you’re with MSPE

Reference registration code 170611MOSO when making your room reservations!
**Ozark Chapter Hosts 28th Annual Model Bridge Contest**

Ozark Chapter’s 28th Annual MSPE Model Bridge Contest was held on March 5th at Hammons Student Center at Missouri State University in conjunction with the Ozarks Science and Engineering Fair.

The STEM event is designed to challenge students’ creative ability and promote interest in becoming an engineer. Model bridges are constructed of 3/32” x 3/32” basswood sticks and span an opening of 300 mm (11-13/16”) and must weigh less than 20 grams.

At this year’s event, 302 basswood bridges — constructed by students from 35 classes in 27 schools located in the Ozark Chapter area — were loaded to failure. Winners were determined on the ratio of the weight of the bridge to the weight that the bridge supported, except in the Middle School Division, where winners were determined solely on the failure load.

**MIDDLE SCHOOL DIVISION**

1st Place – Gatlin Keeling
Norwood Middle School
19.6 gram bridge/ 71.0 lb load

2nd Place – Drew Alexander
Republic Middle School
16.8 gram bridge/16.0 lb load

3rd Place – Jaymee Goodman
Pleasant View Middle School
19.4 gram bridge/ 14.8 pound load

**HIGH SCHOOL DIVISION**

1st Place – Tyson Albright
Ozark High School
19.6 gram bridge
247.6 pounds load
Efficiency of 5,730.3.

2nd Place – Joshua Cox
Ozark High School,
18.4 gram bridge
216.6 pound load
Efficiency of 5,388.8.

3rd Place – Olivia Powell
Ozark High School
19.8 gram bridge
219.7 pound load
Efficiency of 5,033.2.

**TEACHERS/SPONSORS DIVISION**

Based on Efficiency

1st Place – Ryan Carlton
Ozark High School
17.6 gram bridge
193.9 lb. load
Efficiency of 4,998.3.

2nd Place – Bruce Dawson
Ozark High School
18.4 gram bridge
204.6 pound load
Efficiency of 3,882.8.

3rd Place – Shannon Shank
Ozark Model Bridge@gmail.com
Ozark Model Bridge
Ozark High School
19.8 gram bridge
219.7 pound load
Efficiency of 5,033.2.

Additional information regarding the contest can be found on Ozark Chapter’s MSPE webpage at http://www.ozarkmspe.org and following the Model Bridge Contest link. For additional information, contact Shannon Shank or Stacy Bergmann at OzarkModelBridge@gmail.com.
Let MSPE Promote Your Firm Across The State With A Professional Card Listing

Add your business card to the Professional Card Listings section of The Missouri Engineer and MSPE will promote your firm around the state for a year. Your firm’s listing is like a “perpetual business card” published over the course of a year in MSPE’s official publication that’s digitally delivered to members and supporters throughout Missouri. Placement of your Professional Card Listing helps to publicize your firm’s qualifications, services, products and specialties – not only to MSPE’s membership, but also through web exposure. When visitors view The Missouri Engineer online and click the web address on your card they are directed to your firm’s site to learn more.

Adding your firm’s business card listing to MSPE’s newspaper, The Missouri Engineer, provides exposure to potential clients and project partners while also indicating your firm’s support of MSPE’s mission – “to promote and protect the ethical and competent practice of engineering.”

Promoting and marketing your firm with a Professional Card Listing costs just $270 per year … for a year-long placement that’s a modest cost of less than four cents per reader.

To accept this invitation, please submit an electronic file following the specifications listed below:

• No more than 2 1/4” wide x 1 1/8” tall
• No borders/rules around copy
• Black & White copy to be saved as Grayscale
• Changes allowed throughout the year at no additional cost
• PDF file submitted as 1200 dpi - “press quality”
• Save file as firm name pcl 2017.pdf (ABC Engineers2017.pdf)
• Email electronic file to Cherie Bishop at cbishop@mspe.org

We welcome the opportunity to help you market your firm and its services around the state!

Sincerely,

Brandon G. Keith, P.E.
MSPE Publications Chair
Associate Engineer, Anderson Engineering, Inc.
Springfield, Missouri

Let MSPE Promote Your Firm Across The State With A Professional Card Listing

CIVIL / MECHANICAL ENGINEER IV - NATURAL GAS
Summit Natural Gas of Missouri is looking for an Engineer IV to join our team. The location of this position is Camdenton (Lake of the Ozarks), Missouri. The Engineer IV is responsible for the evaluation, selection and application of advanced engineering techniques for the purpose of designing and/or modifying natural gas transmission pipelines and distribution systems for the Summit Utilities natural gas systems. A Bachelor’s degree in Engineering with 10 years of experience in a natural gas utility is highly preferred but an equivalent combination of education and experience will be considered.

To view the entire job posting and to apply, please visit our Careers page at: http://summitutilitiesinc.com/careers/

Professional Card Listings

Add Your Firm To The Professional Card Listings, Today

For Placement Contact The Missouri Engineer Editor Cherie Bishop at 573-636-6949 or cbishop@mspe.org
Welcome New Members

The following new members joined MSPE through the end of April 2017. Please welcome the new members joining your chapter.

ST. LOUIS CHAPTER
Brandon Bequette, E.I.*
4101 Matthes Farm Rd.
Desoto, MO 63020

Dan Buesse, P.E.
POWER Engineers
12755 Olive Blvd Ste 100
St. Louis, MO 63141

Matthew Case, P.E.
Aedifica Case Engineering
796 Merus
Fenton, MO 63026

Kevin Fuller, P.E.
Crawford, Murphy & Tilly, Inc.
Gateway Tower
One Memorial Dr. Suite 500
St. Louis, MO 63102

Robert Kuenzel, P.E.
5003 Murdoch Ave
St. Louis, MO 63109

Rebecca Losli, P.E.*
Burns & McDonnell
425 S. Woods Mill Rd
Chesterfield, MO 63017

Ty Sander, P.E.
Crawford, Murphy & Tilly, Inc.
Gateway Tower
One Memorial Dr. Suite 500
St. Louis, MO 63102

CENTRAL CHAPTER
Mitchell Gibler, E.I.
Shafer Kline & Warren, Inc.
3200 Penn Terrace
Columbia, MO 65202

Jeannie Hoff, P.E.
Klingner & Associates, P.C.
907 Ash St.
Columbia, MO 65202

John Neyens, P.E.
Shafer Kline & Warren, Inc.
907 Ash St.
Columbia, MO 65202

JEFFERSON CITY CHAPTER
Katherine Brookshire, E.I.
GREDELL Engineering Resources, Inc.
1505 E. High St.
Jefferson City, MO 65101

Kelly Goss, P.E.*
Total Environmental Services, Inc.
PO Box 510
Osage Beach, MO 65065

Randall Wilson, P.E.*
4415 Merry Lane
Jefferson City, MO 65109

OZARK CHAPTER
Jeff Fickbohm, P.E.
Crawford, Murphy & Tilly, Inc.
1631 W. Elfindale
Springfield, MO 65807

John Hampton, E.I.
A2V Partners
3804 S Freemont Ave
Springfield, MO 65804

Gidget Koestner, P.E.
GREDELL Engineering Resources, Inc.
636 W. Republic Rd. Ste. D-100
Springfield, MO 65807

Alexis Walker, E.I.
City of Springfield Public Works
840 Boonville Ave
Springfield, MO 65802

Corry Worthington, P.E.*
VE Design Group
520 E Jackson Suite 2
Willard, MO 65781

ST. LOUIS CHAPTER

In Memoriam

MSPE received word on the passing of two of its long-time members.

Dr. Forrest G. Lowe, P.E. died March 19, 2017. He joined MSPE’s Western Chapter on June 1980 and was granted Retired member status by the Board of Directors at their June 1995 meeting. Dr. Lowe served a long-term as chairman of the Professional Engineers in Higher Education.

James Reed, P.E., founder of Engineering Surveys and Services in Columbia, Missouri died January 8, 2017. He was a member of MSPE’s Central Chapter since March 1, 1960 and a Life Member of the society. In addition to his PE license, Mr. Reed was also one of the first 100 surveyors to be registered in state of Missouri holding the licensure number of LS-98.

Life and Retired Member Requests Due May 26

Members who may be eligible for Life or Retired membership status should review the criteria below and apply by May 26, 2017 for Board of Director consideration at the 2017 Annual meeting on Monday, June 19, 2017. 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 and submitted to MSPE’s Membership Coordinator Stacey Meyer’s attention.

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.

d) Application for retired status must be a personal written request to the Board of Directors and submitted to MSPE’s Membership Coordinator Stacey Meyer’s attention in care of the state office.

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