

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

MSPE Faces Important Decision On NSPE Membership Model

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.

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.

Additionally, Missouri is a "self-billing" state - meaning MSPE provides individual and enterprise member invoicing for all levels of membership, receives and records dues payments and twice a month forwards NSPE the national portion of dues amount collected from three-tier members.

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.
- **Giving Individual member** customer service and assistance.
- **Providing** membership lists and various reports to the Executive Committee, Board of Directors and Chapter Leadership.

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... virtually all MSPE members, with the exception of those granted life membership status, will be impacted.

State 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

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 long-standing 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 at the convention or we'll get them to one of your chapter meetings. There are three versions of logo shirts to choose from: a Rivers End Polo for \$25; a Page & Tuttle Polo for \$35 and a long sleeve

button down collar shirt for \$55. It's easy to register for the convention or order shirts online. You can pay with your credit card or send in a check, whichever you prefer.

2017's online registration website for the Annual Convention and 80th Anniversary Logo Shirt was developed by MSPE Western Chapter member, Sam Samarasinghe, P.E. That's Sam for your volunteer service - another fine example of "It's What We Do." MSPE's 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 ? 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 Goeke, P.E. 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."

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 (MoAPEPLSPA) operating funds. The society's effort succeeded with assistance from its lobbyist Mark Rhoads and members Rocky Miller, P.E., State Representative from the 124th District, and Bart Korman, P.E., State Representative from the 42nd District.

Kevin Skibiski, P.E., chairman of MoAPEPLSPA's engineering division, alerted MSPE's staff to the sweep attempt while conferring 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 MoAPEPLSPA 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 MoAPEPLSPA 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 MoAPEPLSPA 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*

The Missouri Engineer

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Editor: Cherie L. Bishop

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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. 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.

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, MATHCOUTNS, 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 PRESIDENT-ELECT



Michael J. Purol, P.E. of Northeast Chapter, is President of Poepping, Stone, Bach & Associates, Inc. and manages day to day operation of the firm's three offices. A 2002 graduate of Missouri S&T with a B.S. in Civil Engineering, he joined MSPE in 2007 serving two terms each as Chapter President-Elect, President, and Past President along with six years on the Chapter Executive Committee. He was also the Chapter's MATHCOUNTS Coordinator in 2010, 2011 and 2013. Since the re-chartering of the Northeast Chapter, Michael is the first member to pursue an active role at the state level serving on the

planning committees for MSPE's 2011 and 2012 Annual Conventions, and as the 2012-13 Young Engineer representative on the Executive Committee. Additionally, Michael is the current chair of MSPE's Professional Engineers in

Private Practice division having previously served in the capacity of chair-elect, 2nd and 3rd vice chair. In addition to raising six active children - Haven, Dayton, Chloe, Joey, Brayden, and Bryce - with his wife Carrie, Michael has also been active in numerous civic and professional organizations including: ACEC Missouri as a corporate representative, AISC, Water Environment Foundation, Missouri Floodplain and Storm Water Managers Association, elected member of the Monroe City Board of Alderman, Holy Rosary School Board, Hannibal Regional Hospital Foundation board member, past treasurer of Hannibal Rotary International, past member of MoDOT LPA Advisory Committee, Hannibal Chamber of Commerce Transportation Committee advocacy group, Steering Committee member for Tri-State Development Summit, and past board member Hwy36/I72 Transportation Corporation.

FOR VICE PRESIDENT



Robert (Bob) G. Becnel, P.E., FNSPE of St. Louis Chapter is an Electrical Engineer/Scientist specializing in communications, navigation and sensor management for Boeing Research & Technology. He has been with the Boeing Company since 2005 and previously with Lucent Technologies/Bell Labs. Bob is an adjunct instructor for Washington University in St. Louis and facilitates the FE Review Course. Previously, Bob served as St. Louis Chapter President in 2010-11; Professional Engineers in Industry NSPE Chair in 2005-06; and has been NSPE Fellow since 2008. He is active with IEEE and obtained a BSEE and BSCoE

from the UM at Columbia with a MSEE from Washington University in St. Louis. Bob and his wife, Verla, have a college freshman daughter (Madison) and a high school junior daughter (Reagan). They reside in Imperial and are members of Our Lady Queen of Peace Parish in House Springs.

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, Calvin. He is anticipating the arrival of a granddaughter due in May.

P.E. Ceremony Unveils New Look; Draws More Attendees

Since 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. Derald 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 P.E. 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:

WineTasting ... *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 Tonkatours, 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 Tonkatours, exploring,

hiking -- *On your own*

AM/PM

PDH Sessions: 8 hrs., **4 hours**

dual track

PM – "Let's Paint with Patty" for

Spouses/Guests and Kids

EVENING – Putting Contest

EVENING – 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

Keynote: Growing Into A Strategic Role Within Your Company

Speaker: Belinda Gates

1.5 PDH

Track 1:

How To Get Engaged in the Legislative Process

Rep. Bart Korman, P.E. & Rep. Rocky Miller, P.E.

1PDH

Track 2:

1,800 Foot Railroad Realignment in 72 hours

Casey Brunke, P.E., City Engineer and

Stan Polivick, P.E., Assistant Director of Public Works, City of Cape Girardeau

1 PDH

Track 1:

State of Engineering Education in MO

Panel: Dr. Elizabeth Lobo (MU), Dr. Michelle

Sabick (SLU), Dr. Kevin Truman UMKC,

Dr. Matthew C. Pierson (MSUE/MS&T)

1.5 PDH

Track 2:

What Owners are Looking for from their Service Providers

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

1.5 PDH

Lunch

Track 1 A: Save Coalition

Speaker: Ben Ross, P.E.,

Engineering Surveys & Services

1PDH

Track 2: Waynesville Solar Farm:

What It Means For a Rural Community

Bruce Harrill, Waynesville City Administrator

1 PDH

Track 1 A: Ethics

Tom Roberts, P.E., F.NSPE, NSPE President-Elect

1 PDH

Track 2: Joplin Tornado Recovery &

Emergency Preparedness

Dr. C.J. Huff, former Joplin School District

Superintendent

1 PDH

Closing Keynote:

Creating A High Performance Workplace Culture: Leadership Lessons from the Masters

Gail Hinshaw

2 PDH

Wednesday, June 21, 2017

Track 1:

Environmental Regulation Affecting Power Production

Theresa Goin, KCPL, LaCygne Power Plant

1 PDH

Track 2: National Freightway

Mary Lamie, P.E., Executive Director, St. Louis Regional Freight District

0.5 PDH

Track 2: State of the Region:

Taney County Regional Sewer District

Speaker: Brad Allbritton, P.E., TCRSD Administrator

0.5 PDH

Track 1: Southwest Power Pool:

Day Look Ahead Power Planning

Casey Cathey, P.E., Manager, Operations

Engineering, Analysis & Support, Southwest Power Pool, Inc.

1 PDH

Track 2: 10 Best Proposal Practices

Carie Dunn, CPSM, Director of Marketing, Triver Associates

Cindy Hausler, CPSM, Marketing Director, Mackey Mitchell Architects

1 PDH

Track 1:

Overview of NERC Critical Infrastructure Protection

Author: Josh Roper, Director of FERC Compliance, KCP&L

Presented by Mitch Krysa, P.E.

1 PDH

Track 2: Emergency Response and Preparedness -

2015 Flooding at Fenton and Grand Glaize WWTP

Bret Berthold, Assistant Director Operations Department, MSD

1PDH

Track 1: Grid Transformation for the Future

Speaker: Kyle Schoff, Ameren Innovation Center

1 PDH

Track 2: National Geospatial Agency:

Next NGA West, St. Louis, Missouri

Speaker: To Be Determined

1 PDH



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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 Cherie L. Bishop at cbishop@mspe.org for sponsorship information.

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Golf Sponsor
PE's in Private Practice (PEPP)

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 make 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.



THE VENUE



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.

ROOMS & RATES

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

2-Bedroom Golf Cottages: (3 held for MSPE)
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!

IN THE SPOTLIGHT

In The Spotlight ... is a new feature focusing on the accomplishments of MSPE members, MSPE Sustaining Organizations and Professional Card Listings and informational briefs on new firms pledging their support of MSPE's mission and objectives. Submit "briefs" to The Missouri Engineer in care of its editor at cbishop@mspe.org

Bruce Dawson, P.E., was promoted to the position of corporate Vice President of GREDELL Engineering Resources, Inc. In addition to his new corporate management duties, he will continue to assist in project and daily office management. He is an 11-year veteran with Gredell Engineering, but has over 34 years of professional experience and is a widely recognized expert in geotechnical engineering.



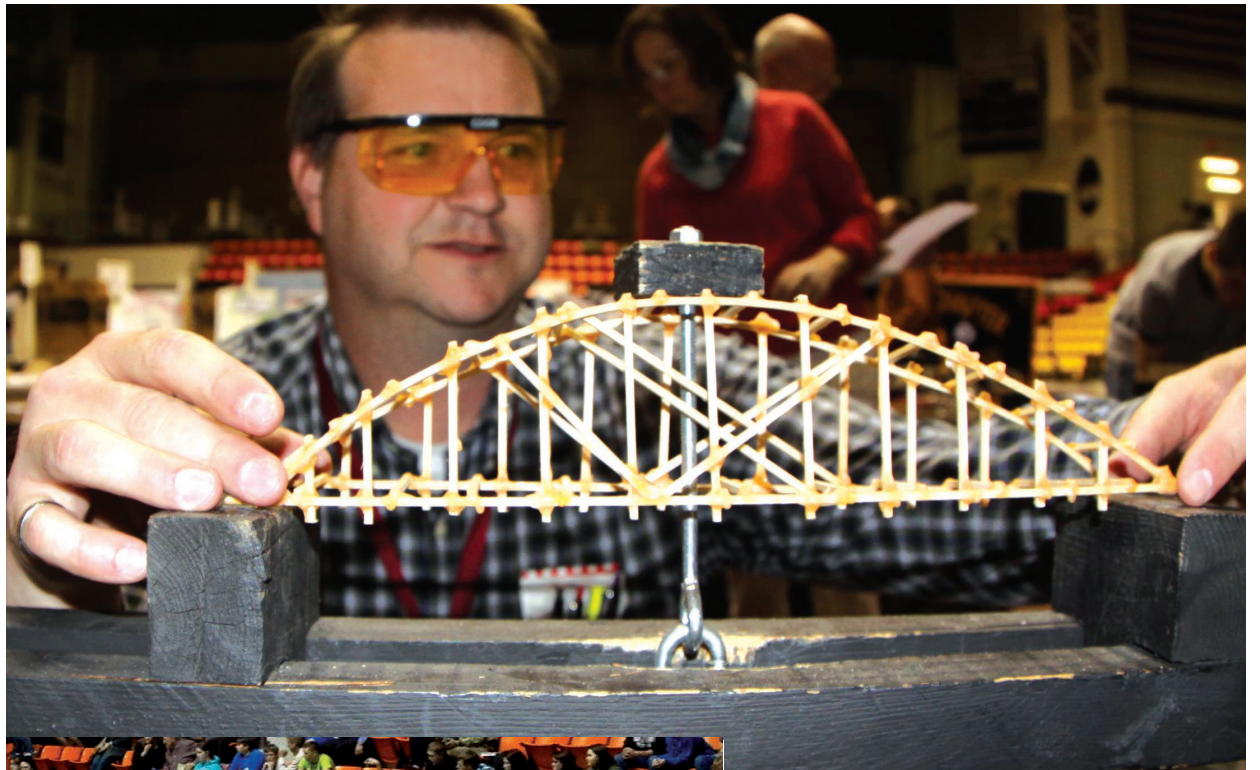
Gidget Koestner, P.E., has joined the staff of GREDELL Engineering Resources, Inc. as a Civil Engineering and Project Manager working out of both the Jefferson City and Springfield offices expanding their transportation capabilities in project delivery from planning through implementation. She has over 18 years of experience specializing in transportation engineering and worked a variety of roles for MoDOT the last 16 years.



Kat Brookshire, E.I., joined the staff of GREDELL Engineering Resources, Inc. to assist with environmental, geotechnical and water resources projects. She has more than 2 years experience in environmental, geological, and geotechnical engineering bringing a variety of geological engineering, construction quality control and hazardous materials remediation/reclamation experience.



Knapp Advisory Group is supporting MSPE with a Professional Card Listing in *The Missouri Engineer*. Founder James C. Knapp, AIF began the company to help professionals and retirees make informed decisions on their financial affairs following his belief that financial success is a matter of choice - not chance. Knapp Advisory Group, located in Prairie Village, Kansas, follows a "risk aware" philosophy approach on investing to provide consistent, realistic total returns.



Ozark Chapter member Mark Mais, P.E. (above) tests one of the 302 basswood bridge entries at the chapter's 28th Annual Model Bridge Contest while other chapter volunteers throughout the Hammons Student Center at Missouri State University also perform load tests.

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.

Class Efficiency Award
Mr. Adam Erickson
Ozark High School
Average efficiency of 3,029.2

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.

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- PDF file submitted as 1200 dpi - "press quality"
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 - 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

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Walter P. Moore & Associates

Kansas City, MO

Welcome New Members

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

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 652022

John Neyens, P.E.

Klingner & Associates, P.C.
907 Ash St.
Columbia, MO 652022

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

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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

SOUTHWEST CHAPTER

Katrina Smith, E.I.

Empire District - Liberty Utilities
3400 S Kodiak
Joplin, MO 64802

WESTERN CHAPTER

Charles Abbott, P.E.

Burns & McDonnell
9450 Ward Parkway
Kansas City, MO 64114

Troy Bowers, P.E.

Anderson Engineering, Inc.
106 E. Pearl St.
Harrisonville, MO 64701

Zach Myers P.E.

Anderson Engineering, Inc.
106 E. Pearl St.
Harrisonville, MO 64701

Asterisk ()*

Indicates the member re-joined

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.

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-tenure 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 P.E. 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.