



The Missouri ENGINEER

THE OFFICIAL PUBLICATION OF THE MISSOURI SOCIETY OF PROFESSIONAL ENGINEERS
Promoting the ethical and competent practice of engineering



A Message From Your MSPE President

by John Riediger, P.E.

In my last message, I discussed uncertainty and adaptation. These two words will continue to be important to all of us this year. September was more of a “normal” month though. We held the President’s Workshop virtually on September 11. There were state and chapter leaders in attendance, and we had excellent presentations on membership, chapter taxes, student chapters and then a leaders’ roundtable discussion. Thank you to all who attended, presented, and participated.

On September 16 the Professional Engineers in Government Practice Division was partnered with their KSPE counterparts to hold a standalone PEG meeting. I had the opportunity to listen to the presentations and then have a short discussion at the end of the program. There were interesting and

topical presentations, and they were very well received. Approximately 70 people attended the online Zoom meeting for the day. They are planning to make this an annual event.

September 16 was also the day I was able to attend a Western Chapter Board meeting. It was great to attend their in-person meeting. They discussed upcoming events for the year and how to adjust to Covid-19 restrictions. After the Board Meeting, Western Chapter had their annual NSPE President’s visit. It was great to see NSPE President Tricia Hatley and discuss both Missouri and national issues with her. Tricia attended our Annual Conference a couple years back at Camden on the Lake.

The Fall PDH Days Conference was held on October 27–29 via Zoom. The

team put together an excellent program while being able to keep the event at 15 PDH. This was a great option to pick up a year’s worth of PDH credits in a short period, and we had 90 members participate this year.

The MSPE Board of Directors Meeting was held October 17, 2020. Your MSPE BOD continues to focus on MSPE business, overcoming adversity, protecting engineers and licensure in Missouri, and trying to spur membership growth.

John Riediger, P.E.
MSPE President

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Editor's Message:

Please enjoy the 2020 Fall Issue of the Missouri Engineer. If you have any engineering-related photos from your work that you may like to see featured in future editions of the ME, please send them to tlowe@mspe.org. Thank you, and enjoy your read!



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NSPE President Trish Hatley visits with MSPE members.

NSPE President Visits Missouri

The 57-year tradition continues as NSPE President Trish Hatley, P.E., F.NSPE, traveled to Kansas City in September to spend a social-distanced evening outdoors with MSPE members.

This annual event traditionally includes two days of interaction with members, including a dinner with MSPE and Kansas SPE leaders, local tours and a joint MSPE Western Chapter and KSPE Eastern Chapter dinner.

This year, Trish Hatley, who became NSPE President in July, was committed to maintaining the tradition. Hatley provided an NSPE update and remarked on her vision for the next year.

MSPE thanks the sponsors that helped support the 57th Annual NSPE President's visit.

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FRIENDS



MSPE Professional
Engineers in
Government (PEG)



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Engineers in Private
Practice (PEPP)



Welcome new members!

Jefferson City Chapter

Brian Robben, P.E.
GREDELL Engineering
Resources, Inc.

Northwest Chapter

Charles Soules, P.E.
City of Smithville

Ozark Chapter

Erin Beryeso
Missouri State University

Southeast Chapter

Jay Lancaster, P.E.
City of Sikeston

Southwest Chapter

Sean Comer, P.E.
TAMKO Building Products

St. Louis Chapter

Kirby Diller, P.E.
Ameren

Chris Hatch, P.E.
CRBWater

Matthew Lurkins
Missouri S&T

Carter Rholl
Washington University-St. Louis

Western Chapter

Terrelle Bryant, P.E.
APTIM

Kreg Levengood, P.E.
Kiewit Power

Derrick Price, P.E.
TREKK Design Group

2021 PARTNER SPONSORSHIP OPPORTUNITIES

BENEFITS	Platinum \$2,500	Gold \$2,000	Silver \$1,500	Bronze \$1,000	Friend \$500
Recognition on MSPE Website Business Name, Logo and Link	✓	✓	✓	✓	✓
Complimentary Job Postings on MSPE Website	✓	✓			
MSPE Annual Convention- Recognized as a Sponsor on Convention Programming and Signage	✓	✓	✓	✓	✓
MSPE Annual Convention- PDH Sponsor (12 Spots Available)	✓	✓	✓		
MSPE Annual Convention- Banquet Sponsor (5 Spots Available)	✓				
MSPE Fall PDH Days - Recognition and Signage	✓	✓	✓	✓	✓
MSPE Fall PDH Days - PDH Sponsor (12 Spots Available)	✓	✓			
Recognition at P.E. Licensure Ceremony (two per year)	✓	✓	✓	✓	

Interested in being a 2021 industry partner? Contact [Travis Lowe](#) at MSPE today for details.



Executive Director's Message

by Travis Lowe

MSPE Members,

Happy November! We hope you and your families are doing well! We have many updates to share, but first we want to thank you for your continued support of MSPE that enables us to provide and operate efficiently for you.

It is an election year! As our members go to the polls we are reminded of the power in being involved in our advocacy efforts. As the dust clears, our legislative session is just around the corner, ushering in opportunities and challenges. MSPE is proud to be leading the charge to protect the PE license in the state, a right we cannot take for granted. Your membership, sponsorship, and participation keeps MSPE strong to have a seat at the table. In addition to licensure protection and promotion, MSPE participating in the Missourians for Transportation Investment planning meeting as we set legislative goals for 2021. Our MSPE Government Relations Committee and lobby team is gearing up for session and our office

will send legislative updates each Friday, beginning in January. We just finished a great virtual Fall PDH Days Conference and are thrilled with the result. Dozens of members across the state joined to learn and earn 15 PDH units. Thank you to our attendees and speakers and our Fall PDH Days Planning Committee, chaired by Shiloh Burchfield, P.E. We also held our first Professional Engineers in Government (PEG) event. Six PDH units were offered for our attendees. Thank you to Eric Seaman, P.E., our PEG chair, and the Kansas Society for share the planning duties over the last several months.

We ask all of our members to stay active at the chapter level. Chapters are still meeting to provide several opportunities for members. Our committees and Board meetings have not missed a beat but now meeting via Zoom Video.

The Educational Foundation is very active with its new Board and committees working to fulfill the

foundation mission. The MSPE Educational Foundation does so many good things for the industry and we are looking forward to growing its attention and work over the next year. In January, we move into the second year of our new Annual Partner Sponsorship Program. Please consider joining the firms and groups that have already signed up for the sponsorship program! These funds go directly to our bottom line. Thank you again! If you have any ideas, questions or constructive feedback, do not hesitate to reach out to us.

Take care and thank you for your support,

Travis Lowe

MSPE Executive Director

MSPE Members Make Splash at NSPE Level

Over the next year, MSPE continues its tradition of deep involvement at the NSPE level, serving on national boards and committees. MSPE is proud to announce the following appointments of our members over the next year:



Britt Smith, P.E., F.NSPE installed as NSPE Vice President, named chair of the NSPE Membership Committee and serves as a member of NSPE Committee of Policy & Advocacy.

The Committee on Policy and Advocacy (COPA) supports and furthers the mission of NSPE by developing public policies and position statements that affect the public health, safety, and welfare as it relates to the professional practice of engineering and engineering licensure, influencing NSPE advocacy efforts.

The Membership Committee supports and furthers the NSPE mission by increasing effectiveness, unity, and inclusiveness of efforts by national and state leaders (volunteer and staff) in achieving the goals of the NSPE membership business model, offering compelling value propositions for integrated membership, working to expand membership at all levels and supporting the revenue needs of NSPE and state societies.



Breck Washam, P.E. elected to NSPE Board of Directors representing the North Central Region.

The NSPE Board supports and furthers the mission of NSPE by interpreting all questions of policy and administering the affairs of NSPE under the Bylaws and the general provisions of the law under which NSPE is incorporated and directing the investment and the care of the funds of NSPE and making appropriations for specific purposes.



Eric Strack, P.E. to Chair the NSPE Emerging Leaders Task Force and serve as a member of NSPE Continuing Education Committee and the NSPE Executive Director & CEO Search Committee

The Emerging Leaders Program Task Force supports and furthers the NSPE mission by developing and providing leadership development training for young professional NSPE members and coordinating with the Continuing Education Committee to ensure that the program developed fits within the overall portfolio of NSPE continuing education offerings.

The Executive Director & CEO Search Committee supports and furthers the NSPE mission by working through a process to obtain staff and member input regarding the role and expectations of the Executive Director and identifying and vetting candidates for the position and making a recommendation to the Board of Directors.

The Continuing Education Committee supports and furthers the NSPE mission by developing and providing a comprehensive program of relevant and valuable continuing education to NSPE members and coordinating with the Annual PE Conference planning task force.



Gary Strack, P.E., F.NSPE Serves on the NSPE Candidate Screening Committee and NSPE PECON Planning Task Force.

The Candidate Screening Committee supports and furthers the mission of NSPE by reviewing and revising the Vice President and Treasurer position descriptions when appropriate, screening nominees for the Vice President and Treasurer positions, ensuring candidates are qualified to provide strong, focused, informed, dedicated, and committed leadership in these roles.

A Message from our NSPE Vice President

by Britt Smith, P.E., F.NSPE



Fellow members,

I am Britt Smith and I had the honor of being nominated and elected as your NSPE Vice President. I have been an engineer for 29 years, which has brought many blessings into my life. During my career, I have had the opportunity to work for a small engineering consulting firm, a state agency, and in varying roles as a staff member for the municipality that is my home, Jefferson City, Missouri.

I started my career as a design engineer and project manager working mainly on roadway design and site planning. About 15 years ago I moved into the operations area of public works where I manage various service delivery functions. My current position is the operations division director for Jefferson City, (most cities would call my role deputy director of public works).

When I joined NSPE, all those years ago, I had no idea it would turn out to be one the best career decisions I had ever made. NSPE provided me with opportunities to develop my leadership skills, gave me professional development, and helped me advance my career. Additionally, through NSPE, I continue to develop a growing network of colleagues and friends across the country.

I'm excited and humbled by the opportunity to serve our profession as a member of the NSPE leadership team. As you may know, NSPE has recently adopted a new strategic plan, which has four key focus areas:

- **Driving Growth**
- **Shaping Public Policy**
- **Educating for the Future**
- **Promoting Diversity and Tomorrow's Engineer**

All four areas are equally important, but in my opinion, Driving Growth, is the foundation. For this reason, I was particularly honored when President Hatley asked me to chair this year's Membership Committee. We are working with staff at the national level and will soon roll out "The Road to the Summit," a new program, which is designed to assist leaders at all levels in their recruitment efforts. Watch for more information coming soon.

Please feel free to reach out to me at any time. I hope to meet and talk with as many of you as possible, either virtually or in person, in the coming months.

Britt E. Smith, P.E., F.NSPE

Vice President, NSPE

BrittESmithPE@gmail.com

EDUCATIONAL FOUNDATION UPDATE

Building a Structure to Fulfill Its Mission

by Marie Collins, P.E.

With the change in the composition of the Foundation Board of Directors in the spring of 2020, the groundwork was laid for the Board to take a more “active” rather than “passive” role in fulfilling its mission of promoting engineering education and the practice of professional engineering.

Building on this change, the Board recently voted to provide the Foundation with additional structure through the establishment of three new committees:

INVESTMENT COMMITTEE. Responsible for developing an investment policy that will establish the investment objectives and provide a set of investment parameters to govern the type, quality, diversification and term of investment in order to realize the investment objectives of the Missouri Society of Professional Engineers (MSPE).

In addition, the Committee will monitor the actions of the financial advisor performance of the investments and within the guidelines of policy to take advantage of market conditions to increase return and/or reduce risk.



DONOR DEVELOPMENT/FUNDRAISING COMMITTEE. Responsible for developing and implementing strategies to increase the Foundation’s ability to provide financial support to the MSPE Chapter programs by soliciting donations from individuals who support the Foundation’s mission and through other fundraising efforts.

GRANTS COMMITTEE. Responsible for administering the grant application/evaluation process and make recommendations to the Foundation Board regarding the awarding of grant funding.

Rounding out the Foundation’s organizational structure are the Building Committee chaired by Tia Griffin, P.E. and the Kimel Committee chaired by Dr. Charles Morris, P.E.

The Board’s goal is to have one or more Foundation Directors assigned to each of the new committees by the end of 2020 with the balance of the committee membership being filled by MSPE members by the spring of 2021. MSPE members interested learning more about the committees should Travis Lowe at tlowe@mspe.org.

HOW TO GIVE

What are you doing to support the profession that helped you take care of everyone else, including yourself? The time is now to “pay it forward” and say “thank you” to the engineering profession that helped make it possible to take care of all of these.

The MSPE Educational Foundation needs your help to increase our funding for future engineering student scholarships and for supporting current valuable programs such as MATHCOUNTS and Future Cities. Consider contributing by filling out a [DONATION FORM](#). For more information, [email Greg Braden](#) or [go online](#).

Also, consider contributing to the MSPE Educational Foundation by using your Required Minimum Distribution (RMD) from your IRA. [See a sample letter for RMDs](#).

Make Splash at NSPE Level continued

The PECon 2021 Planning Task Force supports and furthers the NSPE mission by developing and providing an annual conference which includes valuable continuing education and networking opportunities for members, securing sponsors to help offset the cost of the conference, and coordinating with the Continuing Education Committee.



Bob Becnel, P.E., F.NSPE Serves as Missouri's Delegate to the NSPE House of Delegates.



Ron Black, P.E., PMP to serve on the NSPE Emerging Leaders Task Force.

The Emerging Leaders Program Task Force supports and furthers the NSPE mission by developing and providing leadership development training for young professional NSPE members and coordinating with the Continuing Education Committee to ensure that the program developed fits within the overall portfolio of NSPE continuing education offerings.

PRACTICE DIVISION UPDATES

Professional Engineers in Government (PEG)

by Eric Seaman, P.E.



In these days of isolation and dwindling resources, it's very important to collaborate to be effective engineers. On September 16, 2020, KSPE and MSPE PEG groups held a virtual seminar. Attendees were awarded 7.5 PDHs.

Topics included:

- How do we accommodate small cell wireless facilities?
- Utility Relocations
- Collaborative Project Delivery strategies
- How are we funding projects during the pandemic/economic downturn?
- Ed Hassinger P.E. from MoDOT and Burt Morey, P.E. from KDOT provided everyone with updates

The seminar was concluded by MSPE President John Riediger P.E. and KSPE President Brian Scovill P.E. providing insights on current activities of the Societies. The virtual format allowed busy engineers to attend and speakers to accommodate additional business.

A great thanks to Burns and McDonnell, GBA, Inc. and HNTB who graciously shared their expertise with their public sector colleagues.

KSPE has held this seminar annually and there is interest to conduct another joint seminar in 2021. If you would like some input on PEG topics or concerns of government engineers, please drop me a line: eseaman@jeffcitymo.org.

1 PDH

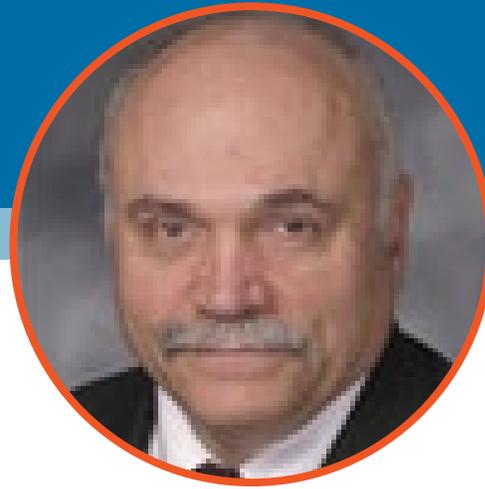
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NSPE Director Update

by Breck Washam, P.E.



Hello fellow NSPE members:

This is Breck Washam - your new Regional Director for the North Central Region (NCR). A brief career background for starters - I am Vice President and General Manager for the St. Louis Regional Office of Burns & McDonnell. I started my engineering career as a mechanical engineer with Burns & McDonnell in Kansas City and a few years later moved to my hometown of St. Louis. I've held progressively responsible roles including lead engineer, project engineer, project manager, business development manager, Principal-In-Charge, and various leadership positions in my 30-year engineering career and have worked on a myriad of projects in multiple industries including energy, power, industrial facilities, chemical/process facilities, and manufacturing.

My involvement with NSPE and NSPE-MO (formerly MSPE), however, has been vital to my overall career development. Early in my career there were several individual members who personally asked me to get involved and were intentional about plugging me into activities at the local Chapter level. My involvement expanded beyond the chapter level to the State level, eventually serving as MSPE President, and now at the national level as the NCR Regional Director. Through the years my involvement and experiences have helped sharpen my leadership skills, broaden my outlook on our profession, and provided me the opportunity to meet and develop relationships with engineers around the country who are my colleagues, clients, competitors, and friends. Thank you NSPE!

For those of you who may not be familiar with the Regional Director (RD) position, the North Central Region (NCR) is made up of seven states: Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, and South Dakota. The RD position is a two-year term representing the NCR on the NSPE Board of Directors. The main responsibility of the RD is to serve as a conduit for communication between the state societies and the NSPE Executive Board.

I recently participated in the NSPE Board of Directors Virtual Orientation where we took concrete steps to implement NSPE's recently updated strategic plans. I will also be serving on this year's NSPE Membership Committee as a Board of Director Liaison. I look forward to working with Britt Smith, NSPE Vice President and North Central Region member from NSPE-MO, and other committee members and NSPE staff on the "Road to the Summit" - which is a Volunteer Leaders Training program designed to assist leaders at all levels in their recruitment efforts.

Please reach out to me at bwasham@burnsmcd.com or 314-974-3584 if you have any questions, comments, suggestions, or any thoughts/ideas on how we can make our state societies, NSPE, and our profession even better. I am excited to be serving you and other members of the North Central Region!

Breck Washam, P.E.

NSPE North Central Region Director
bwasham@burnsmcd.com

UPCOMING STATE EVENTS

NOV
18

Live Webinar: A Conversation with Professional Engineers Serving in the Missouri Legislature

1 PDH • Noon to 1 p.m.

[**REGISTER TODAY!**](#)

MAR
20

Winter P.E. Ceremony Missouri State Capitol

3 to 5 p.m. • March 20, 2021

[**MORE DETAILS**](#)

JUNE
9

2021 MSPE Convention Camden on the Lake in Lake Ozark, MO

June 9-11, 2021

[**MORE DETAILS**](#)

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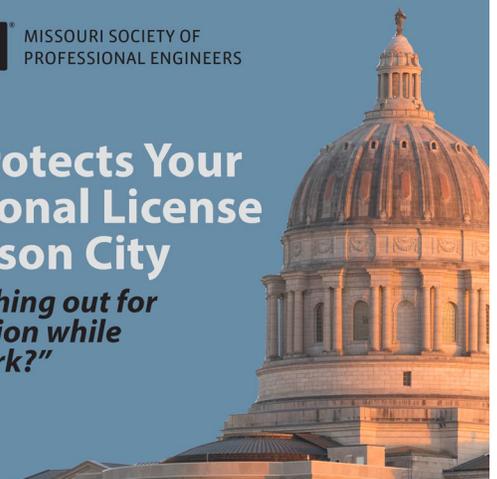
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NSPE-MO

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MSPE Board of Directors Hold Quarterly Meeting

On October 17, the MSPE Board of Directors convened for its quarterly meeting via Zoom Video. Directors reviewed several committee reports and considered other business. During the meeting, the Board held strategic discussions on membership growth and retention, as well as MSPE's role in license promotion in the state.

FALL PDH DAYS

90 members attend virtual conference

Last month, the MSPE 2020 Fall PDH Days Conference was held in virtual format, offering 15 PDH credits for attendees. Over 90 attendees registered for the event, making this the most attended Fall PDH Days Conference in recent memory.

Thank you to all our attendees, speakers, session moderators, sponsors and the planning committee for making this a great event!

2020 Fall PDH Days Conference Planning Committee

Chair

Shiloh Burchfield, P.E. (Southwest)

Members

Central – Jacob Novak, P.E.
Jefferson City – Andy Rackers, P.E.
Northeast – Kevin Garnett, P.E.
St Louis – Michael Buechter, P.E.

Staff

Alison Connell, MSPE Director of Events



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