# 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.

### A Message From Your 2020-2021 MSPE President John Riediger, P.E.



This year has been interesting and challenging. We began 2020 with uncertainty about Covid19 and its potential impacts. We have seen significant changes in our work-life and daily life over the last six months. I appreciate the leadership of now Past President Bob Becnel, along with the Executive Committee, Board of Directors, and MSPE/BHL team during these times. I am humbled and thankful for the opportunity to continue to help lead us through the challenges we will face in the next twelve months.

We have seen difficulty, uncertainty, and many changes in the first half of 2020; but MSPE's mission and services have continued. As NSPE Executive Director Mark Golden said in his

BOD Report in June, "While there is still a great deal of uncertainty around us, you can be certain that your professional society remains clearly focused on its mission: To foster licensed professional engineers in service to society." MSPE **Executive Committee** and BOD meetings have transitioned online. We successfully completed an online version of our Annual Convention. Our attendance was similar to previous years. We had positive responses to the sessions and the temporary online format. We missed the camaraderie of being together in person and time outside of meetings with each other and look forward to a return to normalcy.

I am excited that our committees remain active and engaged. Our practice divisions all had online meetings coinciding with the Annual Convention. We should all be proud that Missouri remains one of the few states with active and functional practice division. Our Professional Engineers in Government Practice Division is teaming

with their counterparts from KSPE to hold a standalone PEG meeting on September 16, Missouri and Kansas will be the only states with an independent PEG Conference. Our Fall PDH Days Committee has been meeting for several months under the leadership of Shiloh Burchfield from Allgeier Martin and Associates and MSPE Event Director Alison Connell. The Fall PDH Days Conference is planned for October 27-28, 2020. Both conferences would be great ways to interact with fellow MSPE members and earn PDH credits. There is still some uncertainty about whether these will be in person or online events. Final decisions and announcements will be made for them soon.

NSPE is reacting to these events as well. The PECon is scheduled for August 3-7, 2020 in an online format. If you have ever wanted to attend the NSPE event, this may be a good year to test it out without having to travel. The event is also scheduled to coincide with the 5th Annual Professional Engineers *Continued on page 3...* 

"Early in my career, my supervisors and mentors expressed the importance of becoming a Professional Engineer. This allows me to produce, review, seal, and issue drawings for construction at the consulting firm where I work. The PE and sealing a drawing restates my commitment to public health, safety, and welfare every time the seal is used."

-John Riediger, P.E. MSPE President, 2020-2021



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# MSPE 17TH ANNUAL FALL PDH DAYS OCTOBER 27-28 Offering 15 hours of PDH credit! Capitol Plaza Hotel - Jefferson City, MO



# Professional Engineers in Government Kansas City Seminar





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Correspondence regarding advertising, aricles and changes of address should be mailed to:

The Missouri Engineer c/o Rachel Nincehelser, Editor 200 E. McCarty Street, Suite 200 Jefferson City, MO 65101 Phone: 573-636-4861 Fax: 573-636-5475 www.mspe.org



### A Message From Your 2020-2021 MSPE President (Continued) John Riediger, P.E.

Day on August 5, 2020. We encourage you to post pictures or other messages to social media on August 5th using #LicensedPEday. If you have any events in your office or chapter, please send pictures or information to Rachel Nincehelser, Director of Communications.

One other item of note is the President's Workshop scheduled for September 11, 2020. This year will have an online workshop. We recommend having new Chapter and State Leaders attend the workshop for a quick orientation to MSPE business. This year we will also be inviting all members who would like to join us. We plan on discussing membership, chapter engagement, and student chapters. Please add this event to your calendar and

join us if you are available. We will likely face many challenges and difficulties in the upcoming year. We will work together to face and overcome them as a team. If you have any ideas or suggestions on how MSPE can be more reactive or better meet our members' needs, please email Travis, Blake, or me. I appreciate your support as we go through this upcoming year.

#### John Riediger, P.E. Installed as New MSPE President

2020-21 Board of Directors Kicks off New Administrative Year

Amid in-person meeting limitations, the Missouri Society of Professional Engineers held its Annual Convention as a virtual webinar conference June 15-17, 2020. During the virtual event, the 2020-2021 officers were installed, handing the MSPE presidential reins over to John Riediger, P.E., an electrical engineer and a vice president of Allgeier Martin in Joplin.

Riediger succeeds Bob Becnel, P.E., F.NSPE, who served as President of the society since July 2019. Mitch Krysa, P.E. of Lee's Summit was installed as President-Elect, with Rachel Goeke, P.E. of Springfield, as Vice President. Kelsie Clark, P.E. of Independence, is serving his second year as Treasurer. Andy Mueller, P.E. and Tim Quinn, P.E., of Springfield and Chesterfield, respectively, join the Executive Committee as At-Large Members with Charles Loughman, P.E. of Kansas City, as the Young Engineer Representative.

In addition to Executive Committee members, the 2020-2021 Board of Directors is comprised of a state director from each of the ten chapters and chairs of the five practice divisions.



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### MISSOURI SOCIETY OF PROFESSIONAL ENGINEERS Annual Sponsorship Program - 2020 Calendar Year

NSPE-MO MISSOURI SOCIETY OF PROFESSIONAL

BENEFITS	Platinum \$2,500	Gold \$2,000	Silver \$1,500	Bronze \$1,000	Friend \$500
Recognition on MSPE Website Business Name, Logo and Link	•	•	•	0	0
Complimentary Job Postings on MSPE Website	•	•			
MSPE Annual Convention- Recognized as a Sponsor on Convention Programming and Signage	•	•	•	•	0
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)	•	•	•	•	

#### Executive Director Message

By Travis Lowe

MSPE Members,

We hope this publication finds you well during this unprecedented time. 2020 continues to offer countless opportunities for MSPE yet challenges due to COVID's impact. 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.

In light on the COVID-19 limitations, MSPE's 2020 **Annual Convention was** held in a complete virtual format offering several PDH sessions via live webinar and Practice divisions meeting on Zoom Video. We are very happy with the event and thankful for our attendees and speakers that made it successful. Our event survey was extremely positive and members enjoyed the opportunity. The Convention featured a double dose of MSPE's advocacy efforts, beginning with a 2020 Legislative Session update on issues impacting licensed **Professional Engineers** and the industry. MSPE was honored to have Lt. Governor Mike Kehoe

weigh in our issues and Kevin Skibiski provided a regulatory update. As we move into election season, it reminds us everyday how important it is that law makers understand and protect the role of licensed Professional Engineers.

2020 has taught us the importance of being nimble and being able to think outside the box in order to continue services. Our committees and Board meetings have not missed a beat but now meeting via Zoom Video. In fact, attendance is a little more consistent because of the convenience factor. As we look ahead, the MSPE PEG Seminar planned for Kansas City on September 16 will be virtual, as well as the President's Workshop. Please stay tuned for plans on our Fall PDH Days Conference as the Planning Committee opens registration soon.

During the Convention, our MSPE Educational Foundation (EF) started the new administrative year with a new independent Board of Directors. This new Board, led by EF President Marie Collins, P.E., is already



hitting the ground running and demonstrating the Foundation's activities for the industry.

In January we unveiled MSPE's new Annual Partner Sponsorship Program. The new program combines and streamlines the historic Sustaining Organization and Annual Convention Sponsorship Program. Thank you to all 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





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Professional Engineers
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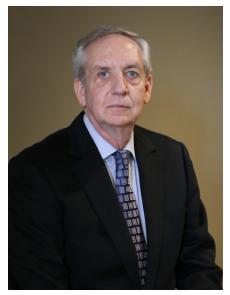
MSPE-Missouri Society of Professional Engineers LinkedIn Page

#### MSPE's David Howe Named NSPE Fellow

By National Society of Professional Engineers

ALEXANDRIA, VA. (July 10, 2020) – The National Society of Professional Engineers (NSPE) has named David Howe, P.E., from Olathe, Kan., to its 2020 class of Fellow members. The Fellow membership grade honors those active NSPE members who have demonstrated exemplary and devoted service to their profession, their Society, and their community. Since its establishment in the year 2000, slightly more than one percent of all NSPE members have advanced to this highest volunteer membership rank.

"Being recognized for your service to the engineering profession, your successful career, and your involvement in NSPE is a great honor and no small feat, especially when that honor is bestowed by your peers," said Amy Barrett, P.E., F.NSPE, the chairman of the executive committee of the Council of Fellows. "We are proud of this year's Fellows and their accomplishments and look forward to more great contributions from them in the future."



David Howe, PE., F.NSPE

Inducted into the Missouri Society of Professional Engineers Hall of Fame in 2018, Howe is the consummate professional. His personal accomplishments and activities exemplify the Society's mission, setting high standards for others to emulate. Retired after a 40-year career with Black & Veatch, he has held leadership roles for the MSPE Western Chapter, including president and other executive positions as well as chairing numerous committees. Statewide, Howe is a past president of MSPE and chaired the MSPE Professional Engineers in Private Practice Executive Committee, in addition to chairing the publications and annual convention committees. More recently, he headed MSPE's Focus 85 Strategic Plan Task Force and is current co-chair of the Moving MSPE Forward Task Force. And in 2019, he served on NSPE's Professional Engineers Conference Planning Task Force.

Howe's professional affiliations outside NSPE are voluminous, most of which he has held offices, board of director positions and committee chairs at the local level — Society of American Military Engineers, American Society of Civil Engineers, American Water Works Association, Water Environment Federation, Engineers Club of Kansas City and the Joint Engineers Council of Greater Kansas City. Though his local church, Howe annually participates in two community service programs, Christmas in October and the Gourmet Dinner Fund Raiser. The former improves the homes and lives of low-income, elderly, disabled, and military veteran homeowners in the Kansas City area. The latter activity solicits funds to benefit the Good Samaritan Project in Kansas City and Literacy Kansas City.

As part of his global outreach benchmark of nearly 25 years with Black & Veatch, Howe helped develop water and wastewater projects in developing countries. Toward that endeavor, he managed and operated an office in Cairo, Egypt, which additionally expanded his knowledge of international engineering projects and cultures.



#### Missouri's Britt Smith Elected as NSPE Vice President; Breck Washam to NSPE Board

The Missouri Society of Professional Engineers is excited to announce two of our own past presidents, Britt Smith, P.E., F.NSPE and Breck Washam, P.E., are taking the national stage. On August 1, 2020, during the National Society of Professional Engineers Virtual Conference, NSPE officers installed Trish Hatley, P.E., F.NSPE as president and Britt Smith as vice president. Breck Washam was elected to represent the North Central Region on the NSPE Board of Directors.

For over two decades, Mr. Smith has served MSPE in multiple capacities, including MSPE president and Jefferson City Chapter president. He has served the Society by his active involvement in NSPE via the Committee on Policy and Advocacy, Honors and Awards Committee, Candidate Screening Committee, Communication and Technology Task Force, Collaboration Group Task Force, and as Missouri's representative to the House of Delegates. Mr. Smith was named an NSPE Fellow in 2016. Mr. Smith serves as Operations Division Director for the City of Jefferson. Smith holds a BS in Aerospace Engineering from the Missouri University of Science & Technology.

During the nomination process, Smith noted, "I am passionate about promoting the ethical and competent practice of engineering, the honor of our profession, and our rights and responsibilities to protect it. My primary goal, if elected, is to continue working to strengthen the bonds between the national and state organizations."

Mr. Washam, who first joined MSPE in 1991, has also served MSPE in several roles, including MSPE president and St. Louis Chapter president. Mr. Washam is a vice president of Burns & McDonnell Engineering Company, Inc., and general manager of the firm's St. Louis Regional Office. He has been with Burns & McDonnell for 25 years and joined them after earning his Bachelor of Science degree in Mechanical Engineering from Missouri University of Science & Technology.

As North Central Region Director, Mr. Washam will chair monthly meetings of regional meetings, which include the Kansas, Iowa, Minnesota, Missouri, Nebraska, North Dakota and South Dakota state societies and serve on the NSPE Board of Directors for the next two years.

The Missouri Society of Professional Engineers would like to thank all those who assisted and supported Smith and Washam during the nomination process and thank both gentlemen for their service at the national level.



# MSPE Educational Foundation Forms New Board of Directors

Marie Collins Elected President

The Board of Directors governing the MSPE's Educational Foundation (EF) has a new look. The EF Board of Directors, which has historically featured the same members as the MSPE Board of Directors, now has its own eleven-member Board populated by stakeholders solely focused on the Foundation's mission.

The new EF Board of Directors features representatives from functions that support the Foundation's mission and business, such as representatives from the Kimel Endowment, MATHCOUNTS, Building Committee, university representatives, a former MSPE President and a MSPE Board representative, along with at-large positions from the membership. The MSPE Treasurer will also serve as the EF Treasurer, mimicking NSPE's Treasurer with the national Educational Foundation.

During MSPE's 2020 Annual Convention, held in a virtual format this year, the new Board met for its first meeting and elected Marie Collins, P.E. as President and Dr. Charles Morris, P.E. as Vice President. Ms. Collins serves on the Board as a former MSPE President with Charles Morris serving as the Kimel Endowment representative. Kelsie Clark, P.E. serves as the Treasurer.

The Board is meeting bi-monthly to handle Foundation business. EF Executive Director Travis Lowe and the team at Braden Heidner Lowe & Associates will continue to serve MSPE EF.



# **MSPE Educational Foundation**Methods of Contributing

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 here:

https://mspe.org/resources/Documents/MSPE%20EF%20Donation%20Form.pdf
For more information, Contact Greg Braden (gbraden@mspe.org) or go to https://mspe.org/resources/Documents/MSPE%20EF%20Contribution%20Flyer.pdf

Also, consider contributing to the MSPE Educational Foundation by using your Required Minimum Distribution (RMD) from your IRA. To reference a sample letter for RMDs go to <a href="majorage-mspe.org/Educational-Foundation">mspe.org/Educational-Foundation</a>

#### Missouri Professional Engineers Day Proclamation

Get ready! The National Professional Engineers Day is August 7. Celebrate with us!



State of Missouri

Governor's Proclamation

WHEREAN, licensed professional angineers combine their creative genius with practical application to make a world of difference by applying scientific knowledge and technical skills in ambitious and innovative ways while holding paramount the public health, safety, and welfare; and

WHEREAS, Missouri licensed professional engineers have made significant contributions on a local and national scale, and

WHEREAS, Missouri's according has grown, in part, because its licensed professional engineers are instrumental to our community; and

WHEREAS, the National Society of Professional Engineers was founded in 1934 and represents more than 25,000 licensed professional engineers and those on the path to licensure who show the highest level of dedication to protecting the public health, safety, and welfare throughout all 50 states and United States territories; and

WHEREAS, on August 7, 2020, the Missouri Society of Professional Engineers, in responding with the National Society of Professional Engineers, will celebrate Diofessional Engineers Day.

NOW THEREFORE, I. Michael L. Patson, GOVERNOR OF THE STATE OF MISSOURI, do hereby preclaim August 7, 2020, to be

#### PROFESSIONAL ENGINEERS DAY IN MISSOURI

in Missouri, and call upon all citizens to join me in this special observance.

IN TESTIMONY WHEREOF, I have hereanto set my hand and caused to be affixed the Great Saul of the State of Missouri, in the City of Jefferson, this 23th day of June 2020.



Michael L. Barson

Arrest: O O

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# Professional Engineers in Government

Kansas City Seminar

September 16 Kansas City, MO

Hosted by BURNS
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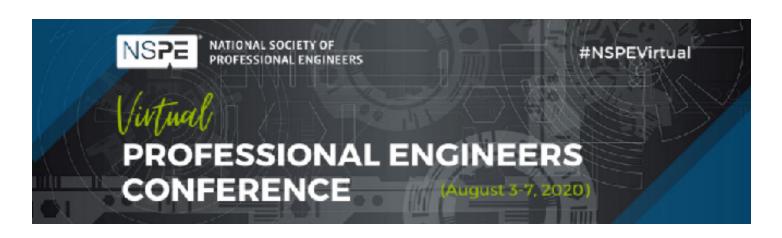
KANSAS SOCIETY OF PROFESSIONAL ENGINEERS



MISSOURI SOCIETY OF PROFESSIONAL ENGINEERS



# MSPE State Events



# PROFESSIONAL ENGINEERS 08.05.2020





# President's Workshop



# **MSPE 17TH ANNUAL** FALL PDH DAYS **OCTOBER 27-28**

Capitol Plaza Hotel - Jefferson City, MO

#### Professional Card Listings



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