



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 Mitch Krysa, P.E.



The third quarter of the administrative year has brought more success to our Society through the efforts by all of you, simply put... all of you. We continued to hold all our state business meetings as per our stated plans. We only skipped an Eastern Chapter meeting that was in conjunction with the Board of Directors meeting. To continue our racetrack metaphor from previous newsletters, we started the year coming out of turn three with my visit to the Ozark Chapter during a blowing snowstorm on January 6. Roads were not bad, just had to be careful. Wonderful time, great meeting with comradery. On January 15 there was another snow day, so your prognosticating BOD had the meeting virtually instead of in person. How smart was that? I call it lucky. The MSPE/KSPE Joint PEG Virtual Seminar on February 9 was a great success, thanks to your MSPE chairperson, Eric Seaman, from Jefferson City Chapter!

We conducted several E-Week Celebrations throughout the state, ranging from the Western Chapter luncheon, where over 350 attended to effective chapter meetings honoring our profession. Yet another snow day came our way. Snow hit across the state, but roads were fairly

clear from KC to St. Louis where the St. Louis Chapter held their annual E-Week Awards dinner on February 18. Snow was so bad in Kansas that our ED could not make it from Lawrence to KC and had to turn back. Let us not forget that Governor Mike Parsons signed a Statewide E-Week Proclamation. The POWER OF THE PE was everywhere!

Started breaking the tires loose in March with a very successful Capital Day in Jefferson City. Thanks, Anika Careaga, for arranging this visit. Great time to get our point across to our legislature. By the way, Mark Rhoads was instrumental in helping set up our visits. Kudos to Mark! Finally, a nice day trip to Joplin to visit and present our state activities to the Southwest Chapter on March 17. Yes, I wore my St. Patrick's Day suspenders. Glad to announce there are no more snakes in Joplin! We exited turn three with our quarterly BOD meeting where we learned about the sale of our building effective March 31. Yes, an end to an era for our EF-owned facility. When you get a chance, reach out to Marie Collins and her EF BOD for all the hard work this past year, struggling through and making the decision to sell the building. Much appreciated efforts.

Recent BOD meetings have become more informative, with each chapter given a chance to "toot their own horn" and share their experiences and plans for later this year. I enjoy hearing about the activities and especially the enthusiasm of our members.

As reported last month, the Eastern Chapter announced the selection of Ron Black, St. Louis Chapter, as a candidate for the NSPE Fellows honor. News now comes that his application has been accepted. This is encouraging news and we hope that Ron receives this distinction. We look forward to celebrating with Ron at the State Convention.

Busting into turn four had me churning on to St. Joe to meet with the Northwest Chapter on April 12, then the Eastern Chapter meeting on April 14 where we discussed our position as to our HQ location and discussed some needed changes to the MSPE By-Laws. Hats off to engineering barrister Ron Zitterkopf, who graciously accepted the role as By-Laws Chair and assisted in preparing the changes that make sense and will help MSPE function smoother in the future. John Riediger chaired the Nominating and Tellers Committee and presented on



The Missouri ENGINEER

INSIDE THIS ISSUE:

Missouri News

MSPE President’s Message	1
Accomplishments To Date	3
Power of the P.E.	6
Proposed Bylaw Changes	8
Fall PDH Days Update	9
Executive Director’s Message	10
Member Spotlight: Julie Hawkins, P.E.	11
News from Engineers in Government	12
Commission Volunteers Needed	13
Legislative Update	14
The Sale of 200 East McCarty	16
MathCounts Results	18
Capitol Day	20
Chapter Updates	21
New Members	24
Events	25
Sponsors	27



Editor’s Message:

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



MISSOURI SOCIETY OF PROFESSIONAL ENGINEERS

The Missouri Engineer is published quarterly by the Missouri Society of Engineers, 200 E. McCarty St., Suite 200, Jefferson City, MO 65101. Opinions expressed by authors herein are not necessarily those of the Society. As a matter of policy, MSPE does not endorse any item, product or advertisement.

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

The Missouri Engineer
 Attn: Editor
 200 E. McCarty Street, Suite 200
 Jefferson City, MO 65101
 Phone: 573-636-4861
 Fax: 573-636-5475
www.mspe.org
info@mspe.org

LIKE, FOLLOW & CONNECT WITH US ON SOCIAL MEDIA



[Missouri Society of Professional Engineers](https://www.facebook.com/MSPE-Missouri-Society-of-Professional-Engineers)



[@theMOengineer](https://www.instagram.com/theMOengineer)



[MSPE-Missouri Society of Professional Engineers](https://www.linkedin.com/company/MSPE-Missouri-Society-of-Professional-Engineers)



[@theMOengineer](https://twitter.com/theMOengineer)

time the list of officers for the next administrative year. Rachel Goeke will assume the helm as President, and Kelsie Clark was nominated for President-Elect and Anika Careaga was nominated for Vice President. Michael Buechter will serve his second term as Treasurer, and yours truly will skid into the infield as Immediate Past President. Changing of the Guard is upon us. Hope to bump into Rolla in May to check in with the leadership there, then on to Hannibal to make the state activities update to the Northeast chapter May 19.

The 2022 Annual Convention will be from June 8–June 10 at the Chateau on the Lake in Branson, Missouri. The Registration Package came out as planned on April 8. Chairman, Kyle Roberts from Western Chapter has used his committee wisely and we have a great lineup of PDH sessions, and a new twist to the first day of activities, where the afternoon is free to enjoy with your family and MSPE members or perhaps take on the challenge of the local golf course. Dr. J. Derald Morgan of the Ozark Chapter will conduct the Order of the

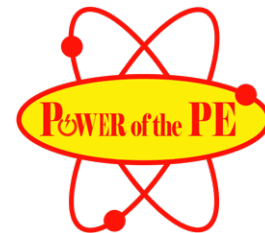
Engineer ceremony at lunch on Thursday. If you have not made this commitment, please consider doing so, highly recommended. Information about the Order is in the registration package. Staff tells me the Chateau on the Lake is very nice and accommodating to our needs. Be sure to make your reservations soon and register for this convention...and don't forget to bring your POWER OF THE PE tee shirt... there will be pictures! But if you forget, no worries, we will have some available for sale!

Be sure to read the article prepared by MSPE Treasurer, Michael Buechter, on "The POWER of the PE". POWER stands for "Professional Organization With Engineering Resiliency". This is the final issue of this administrative year, so it is now your turn to contribute by submitting your article. The Eastern Chapter will accept submissions from the membership and the EC will announce the winner of the best article at the 2022 Convention. A \$100 contribution will be made to the winner's scholarship of their choice.

I continue to invite you all to join your officers, Eastern Chapter, and Board of Directors in unison to work together and celebrate our accomplishments for this administrative year. Be thinking... what can I do, what can my chapter do, and what can the state do to demonstrate "The POWER of the PE?"

Thank you for your time, your interest, and your dedication to our society, as our success rests with you! I continue to be impressed by the actions of our membership and continue to look forward to ending a very "best ever" year in 2021-2022 and wish continued success with Rachel in 2022 - 2023. With your help, we will make it happen!

For we have
the.....



Accomplishments Year-to-Date

Submitted by Mitch Krysa, P.E.

Completed

1. Completed listing of Committee Chairs
2. 2022 State Convention Chair Selected – Kyle Roberts WC MSPE
3. Conducted a successful President's Workshop on July 23, 2021
4. Developed 2021 – 2022 MSPE platform of POWER of the PE
5. Chair Kelsie Clark with help from Alison Connell formalized Fall PDH Days –October 21-22, 2021
6. Endorsed Gary Strack, PE and Matthew Frerking, PE for Appointment to the Dam and Reservoir Safety Council
7. Schedule MSPE Live Webinar on Legislative

8. Conversations with Representative Beck Ruth House Transportation Committee Chair on September 29, 2021
8. EC approved renewal of contract for Mark Rhoads to continue to be our lobbyist
9. Conducted PE Ceremony in Capitol Rotunda on August 16, 2021
10. Conducted EC , meetings on 7/8, 8/12, 9/9/21
11. Made Presidential visits to Columbia September 21, 2021
12. Made Presidential visit to Jefferson City September 28
13. Sponsored and conducted MSPE Live Webinar on Legislative Conversations with Representative Beck Ruth House Transportation Committee Chair on September 29, 2021

Accomplishments Year-to-Date (continued)

14. Made Presidential visit to 58th Annual NSPE Visit to WC in Kansas City September 29-30
15. Conducted Zoom MSPE BOD meeting on October 9, 2021
16. New reoccurring BOD agenda item implemented – State Director Reports
17. Conducted a successful Fall PDH Days October 21-21, 2021 in Jefferson City
18. Sent out “Power of the PE” t-shirt ordering information to the general membership
19. The Mizzou Professional Engineers and Construction (ZOUPEAC)– Affiliated organizations NSPE/MSPE and Associate General Contracts (AGC) Student Chapter 11/15/21
20. Conducted live legislative webinar noon, November 17, 2021 with Representative Jeff Coleman, House Professional Registration and Licensing Committee Chairman
21. Missouri Design Alliance Meeting – MSPE HQ - Jefferson City – November 30, 2021
22. Power of the PE t-shirts were placed on order.
23. Conducted the virtual EC meeting on 11/11/21
24. Conducted a virtual EC meeting on 12/9/21
25. Selected Ron Black as MSPE candidate for NSPE Fellows Honor
26. Completed delivery of “Power of the PE” t-shirts.
27. Met with Eastern Chapter KSPE and WC MSPE in Kansas 12/16/21
28. Made a presentation in person to the Springfield Chapter January 6, 2022
29. Attended a Virtual Chapter Presidents Meeting on January 6, 2022
30. Conducted virtual BOD meeting on January 15, 2022
31. MSPE/KSPE Joint PEG virtual seminar on February 9, 2022.
32. Conducted virtual EC Meeting in February 10, 2022
33. Made presidential visit to St. Louis for annual E-Week awards 2/18
34. Governor Mike Parsons signed E-Week Proclamation
35. Made Presidential visit to participate in WC MSPE E-Week Luncheon 2/24
36. Held Capitol Day at Jefferson City on March 1, 2022

NSPE-MO MISSOURI SOCIETY OF PROFESSIONAL ENGINEERS *Board of Directors*

 President Mitch Krysa, PE. City of Independence	 President-Elect Rachel Goeke, PE. Palmerton & Parrish, Inc.	 Vice President Kelsie Clark, PE. Northrop Grumman	 Treasurer Michael Buechter, PE. Metropolitan St. Louis Sewer	 Secretary/ED Travis Lowe, CAE MSPE	 Young Engineer Representative Josh D. Hartsock, PE. Klingner & Associates	 At-Large Director Charles Loughman, PE. Wilson & Company	 At-Large Director Anika Careaga, PE. Midwest Environmental Consultants
 Immediate Past President John Morris, PE. Allgeier, Martin & Associates, Inc.	 Past President Bob Becnel, PE. Boeing Company	 Central Chapter State Director Charles Morris, PE. Hydro Engineers	 Jefferson City Chapter State Director Jason Sommerer, PE. Bartlett & West	 St. Louis Chapter State Director Kathy French, PE. LS Power	 Northeast Chapter State Director Kenneth A. Epperson, PE.	 Northwest Chapter State Director Tim Klein, PE. WireCo WorldGroup	 Ozark Chapter State Director Colten Harris, PE. City of Springfield Public Works
 Southwest Chapter State Director Jacob Bradley, PE. Liberty Utilities	 Western Chapter State Director Erick Strack, PE. HNTB	 Southeast Chapter State Director Andy Meyer, PE. MoDOT	 P.E.s in Construction Chair Jim Fisher, PE. Scurlock Industries of Springfield, Inc.	 P.E.s in Gov't Chair Eric Seaman, PE. City of Jefferson City	 P.E.s in Higher Ed Chair Charles Morris, PE. Hydro Engineers	 P.E.s in Industry Chair Bob G. Becnel, PE. Boeing Company	 P.E.s in Private Practice Chair Rachel Goeke, PE. Palmerton & Parrish, Inc.

Accomplishments Year-to-Date (continued)

- 37. Ron Black's application for NSPE Fellows was accepted by NSPE
- 38. Made presidential visit to SW Chapter on March 17, 2022
- 39. Conducted virtual MSPE BOD meeting on March 26
- 40. Nominating and Tellers Committee presented the slate of officers for 2022-2023 by April 5
- 41. Conducted virtual EC meetings on 4/14, 5/12, 6/2
- 42. Made presidential visit to Northwest Chapter on April 12

Scheduled

- 43. Conduct PE Ceremony in Capital Rotunda in May as February 25 was canceled
- 44. Hope to meet with Rolla Chapter on May 16
- 45. Make presidential visit to Northeast Chapter on May 19
- 46. Revise MSPE By-Laws and ready for approval by BOD at convention.
- 47. Review previous Strategic Plan – Make adjustments as needed
- 48. Nominating and Tellers present slate of officers to EC and BOD
- 49. Select Nominating and Tellers Committee for 2022-2023
- 50. Conduct "Order of the Engineer" ceremony at State Convention
- 51. Conduct the "Best Ever" State Convention at Chateau on the Lake in Branson June 8 -10, 2022

In Memoriam

We would like to recognize the MSPE Members who have passed away this year. Please join us in saying goodbye to the following members and keep their families in your thoughts:

John Boyd, P.E.
Theodore Cambern, P.E.
Garry Chegwiddden, P.E.
Douglas Ferguson, P.E.
Eugene Myers, P.E.
David Nichols, P.E.
Samuel Smith, P.E.
James Steele, P.E.
Arthur Wernle, P.E.



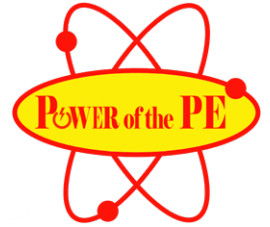
July 14
2022



President's Workshop

David Bernard Steinman and the Power of the PE

by Michael Buechter, P.E.



It was near dinner time on August 29, 1907, and John Montour could not see it but he could hear it...

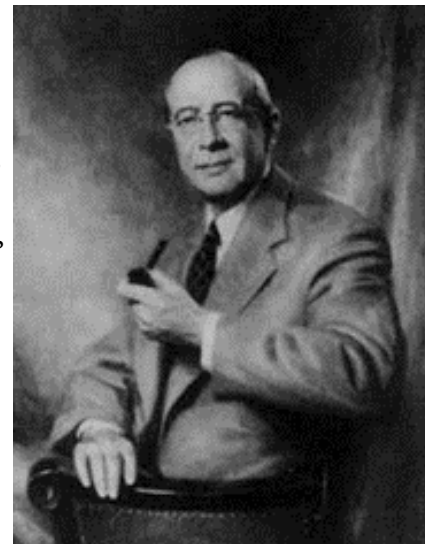
“I could hear the sounds of the rivet heads shearing and popping like gun fire,” he later said. “It” was the bridge being constructed over the St. Lawrence River near Quebec City, Canada. When it fell, it took 86 men with it, killing 75. A priest was sent to administer last rites to the men while many of them, trapped in the wreckage, waited to drown as the tide came in. Had the bridge been completed, it would have had the longest main span ever built at 1,800 feet with towers that stood 40 stories above the water.

When the bridge fell, the engineers involved faced considerable censure, much of which historians have found to be deserved. Based on shipping documents, the Inspectors had noted the bridge’s weight would be closer to 36,000 tons, not the 31,400 tons designed. Workers complained that joints and rivets did not fit properly, and at one point a rib in the lower chord moved out of alignment by 1 ½ inches within a week. The bridge was failing as it was being built, and in the engineers’ myopic vision to finish the project, they ignored the problems. The bridge’s failure was as much a moral failure as a technical one.

In 1953, David Bernard Steinman, an engineer with exceptionally broad vision (the opposite of those working on the St. Lawrence bridge) was hired by the State of Michigan to act as the Chief Engineer on the Mackinac bridge. The three-span suspension bridge is located where Lake Michigan and Lake Huron meet

with a main span of 3,800 feet. By this point, many suspension bridges, including the infamous Tacoma Narrows and even the Golden Gate, which required an expensive retrofit, had suffered the adverse effect of aerodynamic forces. The problem facing Steinman was, as he wrote in *Scientific American*, “the creation of a new science, combining the essentials of three different fields of specialized knowledge: the deflection theory of suspension bridges, the science of aerodynamics, and the mathematical theory of vibration analysis.” The result is a bridge that has remained remarkably durable. In 2019, 4.2 million vehicles crossed it. Steinman’s wide vision and natural curiosity had allowed him to learn to do it right.

The same D. B. Steinman was also part of a group of professional engineers that met in New York City in 1934 to establish an organization dedicated to the non-technical concerns of licensed professional engineers. From this group, led by the broad vision of Mr. Steinman, the National Society of Professional Engineers (NSPE) was born. The NSPE stands today as the only national organization committed to addressing the professional concerns of licensed P.E.s across all disciplines.



David Bernard Steinman
Founding President of NSPE

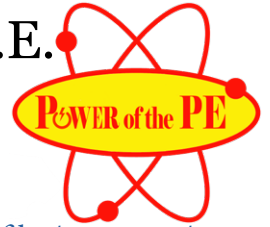


59th Annual NSPE President Visit to Kansas City

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



David Bernard Steinman and the Power of the P.E. (continued)



Mr. Steinman was one of the first to appreciate the concept that engineering is a profession, the Power of the PE. The principles of registration of engineers and the adoption of professional standards and ethics led him to found NSPE. He worked tirelessly for nearly 30 years to build NSPE to 55,000 members and 53 state societies at the time of his death.

On the 25-year anniversary of NSPE, Mr. Steinman gave us all a reminder of the Power of the PE, a view of engineers as board professionals, not narrow technicians, a view we should all strive to meet, "... Our dream has come true. We have achieved public and legislative recognition that engineering is a profession, that engineering is a learned profession, that engineering is one profession. Moreover, we have reminded the world that engineering is founded on great ideals—the ideals of vision, character, integrity and service to humanity."

Finally, for those of you inclined to learn more about these topics please see my sources:

<https://www.nspe.org/sites/default/files/resources/pdfs/AboutNSPE/Writings-of-DB-Steinman.pdf>

Witcher, T. R. "History Lesson - Taming the Wind: The Mackinac Suspension Bridge." Civil Engineering, November, December 2021, pp. 24-27.

Wedel, Kip. The Obligation. AuthorHouse, 2012.

Essayons! (Motto of the U.S. Army Corp of Engineers, Let Us Try!)

Michael T. Buechter, PE, D.WRE, F.EWRI

CONFERENCE

Harnessing the Power of PEs to Create a Better World

Save The Date

Registration for the 2022 Professional Engineers Conference opens April 1, 2022.



August
1-3
2022
Philadelphia, PA

Sheraton Philadelphia Downtown

Proposed MSPE Bylaw Changes

Bylaws Committee Report and Summary of Changes

Chair: Ron Zitterkopf, P.E., JD

Members: Mitch Krysa, P.E., Travis Lowe, CAE

Subject Matter: Pertaining to the election and terms of MSPE officers, selection of at-large members of the Executive Committee and the role of the Nominating and Tellers Committee.

This announcement officially serves as notice to the MSPE membership of proposed changes to the Society bylaws. The MSPE Bylaws Committee, chaired by Ron Zitterkopf, P.E., JD, proposes changes to Article VII, Article VIII and Article X. Pursuant to Article XVII, proposed 'governance' changes shall be approved by the MSPE membership during the membership meeting held at the Annual Convention on June 9 by a 2/3 majority of members present. This announcement satisfies the thirty day notice requirement. The MSPE Board of Directors will consider proposed 'administrative' changes during the summer board meeting on June 8.

Process to Amend Bylaws: MSPE bylaws contain two different processes to amend the bylaws, depending on the subject matter.

- Administrative changes require a 2/3 vote of the MSPE Board of Directors and 30 days prior notice. These changes will be proposed to the Board when they convene on June 8, 2022. Thus, notice will be provided to the Board by May 1.
- Governance changes require a 2/3 vote at a membership meeting with the notice published to the membership 30 days prior. This membership meeting will take place during the annual convention, as stated on the convention agenda, on June 9, 2022, with official notice published in the Missouri Engineer.

Background: In general, over the years members have asked questions about the nominating process. The MSPE bylaws say only the President-elect is the automatic transition to President. (Article 7). Therefore, the other officer roles, Treasurer, Vice President and President-elect, must be nominated and elected each year because those are not automatic, even though one may expect to move up the ladder to President. All officer roles are for one year except the Treasurer, which is a two year term.

The Bylaws Committee reviewed the authority and procedures of the Nominating and Tellers Committee. Currently, if there is a competitive race for a position, a hard copy ballot must be mailed to all vote members.

The Executive Committee is comprised of two at-large representatives. The bylaw language related to the appointment of the two member at-large seats needed to be revised to reflect the current function and selection of these two members. These two at-large representatives serve as additional members of the Executive Committee and, in essence, often serve as a pipeline for future MSPE officers. Per the bylaw requirement, MSPE has ensured these two spots are never from the same chapter but the bylaws almost infer they are elevated chapter directors that currently serve on the state board. Since the Board size was reduced from 31 members to 24 several years ago, the Committee was asked to clarify this process.

Summary of Proposed Changes:

Article VII- Officers and specifically Section 4. Please note these are governance changes.

- Section 4, A)- Changing the shot clock for nominations from 60 days to 45 days. This coincides well with the publication of the Spring issue of the Missouri Engineer.
- Section 4, B) The 'write-in' process is reduced to a more reasonable path of less member petitions required, based upon our current membership numbers.

Proposed MSPE Bylaw Changes (continued)

- Section 4, D) Allows ballot process to better reflect current technology.
Section 4, E) Details the process of collecting ballots and transmitting to the Nominating and Tellers Committee.
- Section 4, F) Details the process for Nominating and Tellers Committee to tabulate.
- Section 6. Changes the Treasurer term to one year instead of two.

Article VIII- Executive Committee and specifically Section 2. Please note these are governance changes.

- Selection process of the at-large representatives. The new language written reflects the process that has been practiced by MSPE in recent years.

Article X- Nominating and Tellers Committee. Please note these are administrative changes.

- Notes the duties of the Nominating and Tellers Committee includes the implementation of a vetting process and decisions are made by majority vote of the Committee members.

Please [click here](#) to view the proposed changes.

Please [click here](#) to view the current MSPE bylaws.

Questions? Please contact info@mspe.org.

2022 Fall PDH Days Conference will be Virtual



MSPE 19TH Annual
Virtual Fall PDH Days
October 26-28
2022

Offering 15 hours of PDH credit!

NSPE-MO
NATIONAL SOCIETY OF PROFESSIONAL ENGINEERS

Plan to tune into the 2022 Fall PDH Days Conference on October 26-28 via Zoom to earn up to 15 professional development hours. The event, traditionally held in Jefferson City, will be held virtually to provide easier access to members across the state.

Meeting limitations due to the pandemic forced the conference in 2020 to be virtual. The 2021 event returned to the in-person setting though many attendees noted they enjoyed the virtual format. MSPE decided to use the virtual format this fall and will gauge interest for future events moving forward.

Registration will open in August.

Executive Director's Message

by Travis Lowe, CAE



MSPE Members,

We hope this publication finds you well and your spring season is off to a great start! The new year continues to offer countless opportunities for MSPE and we are excited about the Society's activities in the capital and across the state. 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.

The spring season means the MSPE 2022 Annual Convention is right around the corner. We hope you can join us at the Chateau on the Lake resort in Branson on June 8-10. Registration is open and the hotel room block is open through May 8, so act quickly! Our convention Planning Committee has a great agenda planned. Don't miss the annual awards banquet, PDH opportunities and the golf! Thank you in advance to everyone that plans to attend and the volunteers who helped staff plan a great event.

In addition to the upcoming convention, MSPE is working on multiple fronts. The 2022 Legislative Session has kept us very busy as legislators work to consider and debate bills with the session coming to a close this month. Licensure issues have dominated MSPE advocacy efforts, fueled by stakeholders questioning the role of licensure and asserting the claim it provides barriers

to employment. Missouri is no exception and the battles seen in other states cement our call to be engaged at the legislative level. Our office sends out weekly legislative updates on Fridays. We hope you take a few minutes to look them over. Our Government Relations Committee, led by Anika Careage, P.E., meets monthly to review the status of the legislative session. MSPE Contract lobbyist Mark Rhoads and I are in regular contact as MSPE testifies in committee hearings and we meet with legislators asserting our position.

The Society has several important events on the horizon. Responding to considerable feedback, our 2022 Fall PDH Days Conference will be held virtually to provide easy access on October 26-28. Charles Loughman, P.E. and the Fall PDH Days Planning Committee are finalizing the agenda with registration planning to open in August. We hope to see you on the screen!

One of the most exciting aspects of the year, thus far, is the activity seen at the local chapters. We are thrilled to see the momentum return with regular events and members reengaging. MSPE's collective success begins at the chapter and we thank our outgoing chapter presidents and board for your leadership.

Until the Convention, if you need anything or have any

ideas, questions or constructive feedback, do not hesitate to reach out to us.

Take care and thank you for your support.

Member Spotlight: Julie Hawkins, P.E.

Current employer: City of Springfield

MSPE Chapter: Ozark

MSPE leadership roles: Currently the treasurer of the Ozark Chapter

How did you get interested/involved in engineering?

I like to challenge myself and I really enjoyed math and science.

What is your current role and what type of work are you doing?

I currently work in the Environmental Services department helping to manage three sections – our inflow and infiltration group (I&I), the metering crew (group that services sewer meters, rain gauges, and groundwater meters), and our work order group.

What are some of the challenges and opportunities you see in your job and the engineering profession?

There needs to be more openness for women and minorities in engineering to take on more leadership roles and to get rid of the stigma that engineering is a mostly male profession. Work places need to start being more flexible and allowing remote work if the position allows it. Engineering and all professions in general should become more inclusive to all people.

How does MSPE help or provide benefit to your profession or current role?

It's great to meet other local engineers and have resources to ask for advice. I also like being able to get updates on what's going on with local engineering projects.

What do you like to do with your free time?

I run, a lot, and I've made a ton of friends doing it! We have a running group at work, The pace monkeys, and we do a lot of relay races together on the weekends.

If you weren't an engineer, what would you be?

I would've tried to become a veterinarian.

FAVORITES

Restaurant:

I don't have a favorite but I'm really into trying out the local breweries right now. There are so many that have popped up just in the last 5 years!

Vacation Spot:

I like going somewhere new every time I travel! My top two favorite places I have been so far are the Galapagos Islands – I got to see Lonely George before he died! New Zealand was also super cool. Driving on the opposite side of the



road, steering wheel on the other side, and going through a round about feeling like you were doing it wrong were all neat experiences! Also seeing the glow worms in New Zealand was magical (until you see what they look like with the lights on – gross).

Sports Team: Royals and Chiefs
Song or Music Artist: Young the Giant and Glass Animals

News from Engineers in Government

Eric Seaman, P.E., PEG Chair



On February 9, 2022 KSPE and MSPE Public Sector Engineers conducted a joint virtual seminar. In the morning session, Tim Nebergall, PE Public Works Director for the City of Gladstone enlightened attendees with Gladstone's alternative transportation efforts.

In the afternoon session, Errin Kemper, PE, Environmental Services Director for the City of Springfield presented Springfield-Greene County's

Integrated Plan for the Environment. This continues to be a program promoted by the public, regulators and local governments to stretch the public dollar in achieving environmental compliance. For more information [click here](#).

The day concluded with MSPE President Mitch Krysa, PE, providing an update on the state Society. Attendees were awarded 7.5 PDHs and very valuable information. Special thanks to Burns and McDonnell for offering their expertise on multiple topics. The next opportunity for Engineers in Government will be at the State Convention in June. Hope to see everyone there!

Eric Seaman, P.E. (eseaman@jeffersoncitymo.gov)



Wichita's Jay Hinkel and Gary Janzen PE discuss their ADA Consent Order behind a terrifying peanut-shaped obelisk.

PROFESSIONAL CARD LISTINGS



SMITH & CO.
ENGINEERS

901 VINE STREET; P.O. BOX 72
POPLAR BLUFF, MISSOURI 63902
(573) 785-9621 FAX: (573) 785-2651
WWW.SHSMITHCO.COM

-ENGINEERING -SURVEYING -ENVIRONMENTAL -GEOTECHNICAL



We're in the business of making lives better.

For more information, visit mcclurevision.com.
Columbia, Macon, and North Kansas City

McCLURE YOUR VISION. ENGINEERED HERE.

Add your firm today and reach MSPE members across the state. Contact The Missouri Engineer at 573-636-4861 or info@mspe.org

Commission Volunteers Needed

by Travis Lowe, CAE

The MSPE Past Presidents Committee on Appointments is seeking volunteers who may be interested in serving on following state commissions or advisory boards. Please click the links to view committee details and requirements. Depending on the committee, there may be a spot designated for a licensed professional engineer, person with engineering experience or a public member.

If interested, please if any member is interesting in serving, please contact info@mspe.org for more information by June 30, 2022.

- [Air Conservation Commission](#)
- [Amusement Ride Safety Board](#)
- [Elevator Safety Board](#)

MSPE supports public policy designed to protect the health, safety, and welfare of the public. MSPE believes licensed professional engineers should involved in policy making. The State of Missouri offers numerous statewide boards and commissions that provide guidance to industry.

The MSPE Past President Committee on Appointments regularly reviews more than a dozen statewide boards and commissions that require, by statute, one or more licensed professional engineers to serve.



Missouri Legislative Update

by Travis Lowe, CAE

The end is in sight for the 2022 Legislative Session though many issues remain to be resolved. We hope our members have been able to stay tuned to the ongoing progress, via the MSPE weekly legislative updates. Before we dive deeper in the details, we would like to thank our volunteers on the Government Relations Committee, chaired by Anika Careaga, P.E, staff and MSPE contract lobbyist Mark Rhoads as the boots on the ground. It is a great team effort to ensure an effective government affairs program is working to support engineering licensure.

The session has certainly provided many issues of interest to MSPE however at a bit of a slower pace compared to recent years. Many have noted the headlines from Jefferson City related to gridlocks on controversial issues such as redistricting maps. Meanwhile, MSPE continues to track dozens of bills that are high on the MSPE radar. These bills are not necessarily on the fast track for passage but warrant continuous attention by Mark, our staff and Government Relations Committee. If and when MSPE ever has an urgent request for members to contact their legislators, MSPE will send a membership alert.

Bill text can be viewed at these links on the [House](#) and [Senate](#) websites. If you see one of these bills, or bills noted in our weekly report, that you want to discuss, please email me at tlowe@mspe.org.

Impacting Licensure

Beginning with bills related to licensure, we are pleased to report there has been no movement on a key bill of concern. HB 1900 would provide a path to licensure through three years work experience and says it pertains to people who apply for a Missouri license with career experience from another state that did not require a license, they will be granted a license. Though this bill applies to all professions, MSPE opposes such language as applicable to a licensed professional engineer as specific projects and positions requiring an engineer license varies from state to state and MSPE opposes Missouri licenses issued to folks who did not earn a license through the tradition process required by Missouri residents. At this time, the bill has not been considered.

There are a handful of bills pertaining to land surveyors with a couple seeking progress. Specifically, SB 1001, introduced by Senator Bernskoetter (R-Jefferson City) changes the name and requirements for land surveyor interns to be a high school graduate and pass necessary exams as well as the requirements for land surveyors. The bill has been recommended by the Professional Registration Committee but stands idle as of now. A near identical bill, HB 2191, introduced by Representative Don Mayhew, P.E., has also been approved by the Professional Registration Committee. No action has been taken on another Mayhew bill, HB 2364, which aims to change the law regarding land survey zoning.

Impacting Transportation Funding

MSPE and NSPE continue to monitor efforts to curb fuel tax support of transportation funding. In Jefferson City, many legislators still seek to undo 2021's SB 262, providing a sustainable increase to transportation funding. There are several bills that aim to repeal parts of the fuel tax in some fashion. MSPE joins numerous organizations, including ACEC Missouri and Missourians for Transportation Investment, working to protect the new law.

Impacting Other infrastructure

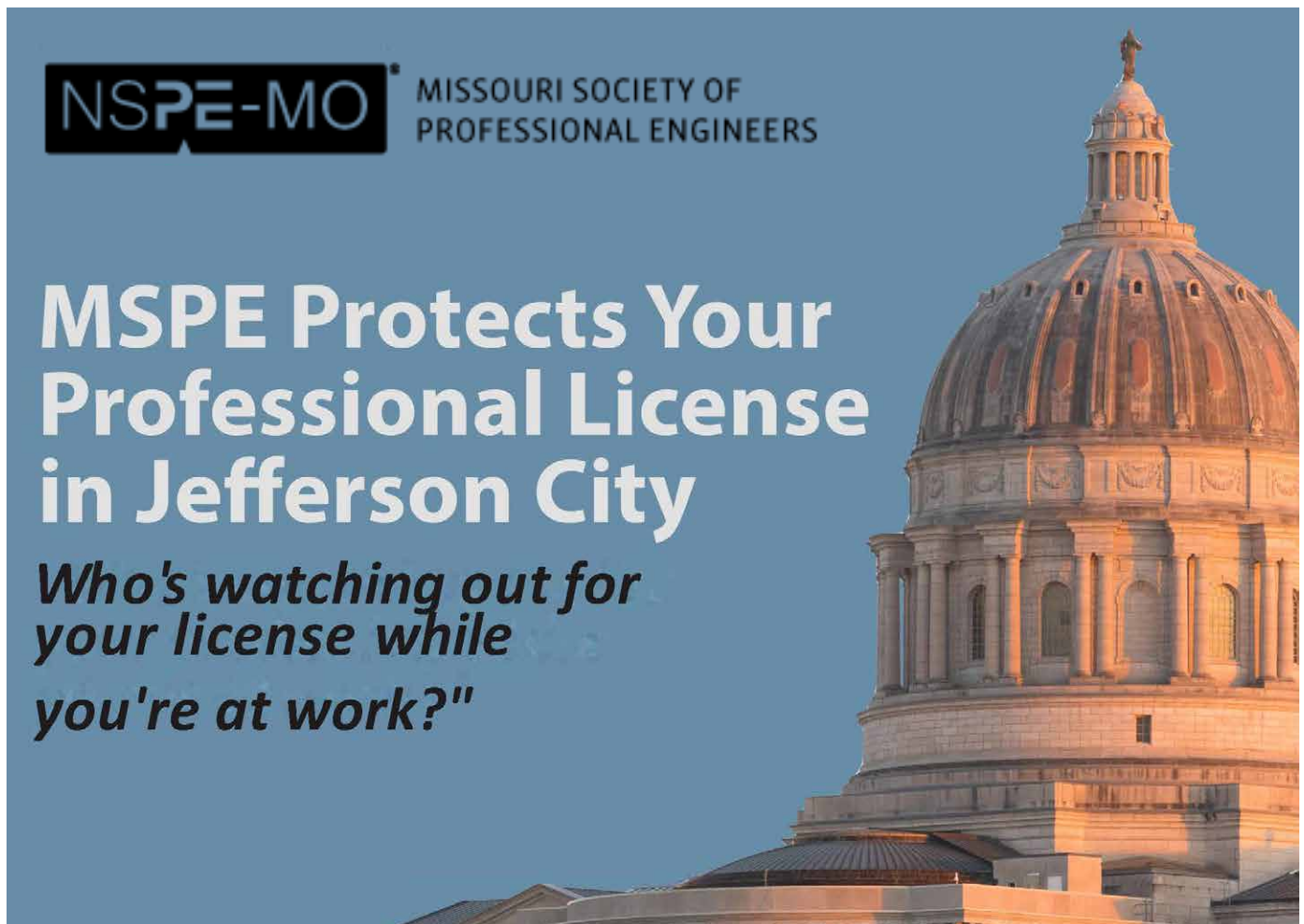
MSPE continues to monitor a handful of Department of Natural Resources bills. Alternative delivery continues to generate discussion with intention to change the law relating to projects and the use of CMAR (construction manager at-risk) and design build.

Missouri Legislative Update

The Government Relations Committee, chaired by Anika Careaga, P.E., meets at least monthly to review new legislation and discuss the movement of priority bills making their way in the process. The committee is populated by MSPE members representing a broad range of disciplines. We thank Anika, Ron Black, P.E., John Briggs, P.E., Michael Purol, P.E., Tim Quinn, P.E., Gary Strack, P.E., F.NSPE, Carlos Sun, Ph.D., J.D., P.E., Mike Laney, P.E. and Mark Rhoads again for their dedication.

Key Legislative Upcoming Dates

- May 6, 2022 – State Budget finalized per Missouri Constitution
- May 13, 2022 – Last day of the 2022 Legislative Session per Missouri Constitution
- July 1, 2022 – First day of Fiscal Year 2023
- July 14, 2022 – Last day for the Governor to Sign or Veto Bills
- August 28, 2022 – Date Most Legislation Takes Effect (unless another date is specified)
- September 14, 2022 – Veto Session



NSPE-MO MISSOURI SOCIETY OF PROFESSIONAL ENGINEERS

MSPE Protects Your Professional License in Jefferson City

Who's watching out for your license while you're at work?"

The Sale of 200 East McCarty – A Look Back and to the Future

About the Donor

On July 13, 1994, Kansas City leader Jerome Cohen and his wife Jeannette, made a generous donation of the building and property at 200 East McCarty Street in Jefferson City to the Missouri Society of Professional Engineers Educational Foundation.

Mr. Cohen was an entrepreneur who, in 1938, founded the Tempo Sales Company, a stencil duplicating business using a newly patented film stencil after partnering with a family member using \$600 in borrowed money. In 1958, Mr. Cohen founded Electronic Business Equipment, Inc. of Kansas City in response to the 3M Company’s request that distributors separate 3M related operations from their other duplicating equipment lines. And finally, in 1994, he founded the Dynamic Computer Solution Company.

At the presentation of the building and property to the MSPE Educational Foundation, Mr. Cohen said

his donation “stood as a testimonial to the partnership between professional engineers and businessmen and fulfilled one of his philosophies for success...I have come to respect and admire the role engineers have played in designing and developing a quality product for me to market.”

The Foundation’s Goal

With the gift of the building, the Foundation embarked on a capital campaign to raise the funds necessary to renovate and modernize the building and pay for the acquisition and demolition of additional property that provided additional off-street parking. The goal was to complete the project and be debt-free within three years of the start of the fundraising effort. Achieving this goal would enable the Foundation to utilize the net income from the building rental to increase its financial support of the Missouri MATHCOUNTS program along with providing additional support to charitable and educational programs



MISSOURI SOCIETY OF PROFESSIONAL ENGINEERS EDUCATIONAL FOUNDATION

Board of Directors

					
President Marie Collins, PE. Retired	Vice President Charles Morris, PE., Ph.D Hydro Engineers	Treasurer Michael Buechter, PE. Metropolitan St. Louis Sewer District	Secretary/ Executive Director Travis Lowe, CAE	Director (2024) Amy Strauss, PE. Retired	Director (2022) Stephen Hutti, PE., F.NSPE Retired
					
Director (2022) Tom Greer, PE. Burns & McDonnell	Director (2023) Josh Lehmen, PE. Engineering Survey & Services	Director (2024) David Aeise, PE., PhD Lincoln University	Director (2022) Tia Griffin, PE. City of Jefferson	Director (2023) LS, F.NSPE Horner & Shifrin Inc, Engineers	

The Sale of 200 East McCarty – A Look Back and to the Future

that promote and encourage engineering education and careers.

The Financial Reality

While the Foundation received a substantial amount of donated funds from several corporations and individual MSPE members, sufficient funds were not realized to complete the project within the three-year period. Thus, in 1998 it became necessary for the Foundation to take out a loan to cover the balance of the project costs. Repayment of this loan was made on an annual basis until 2012 when the final payment was made. The total in principal and interest paid by the Foundation during this 14-year period was almost \$414,000.

With the Foundation now debt-free, there was hope that more of the rental income could now be directed to educational programs. However, the achievement of this goal was limited in the next five years, due to the need to address building maintenance issues that have been differed over the years due to lack of funds. The Foundation's financial situation was further acerbating in 2018 with the loss of the tenant leasing the lower level of the building. With this loss, the Foundation was faced with annual operating expenses that exceeded its annual income by an average of about \$12,000 per year, with the shortfall being covered through the withdrawal of funds from its investments.

In June 2021 the MSPE Educational Foundation Board made the momentous decision to put the building up for sale while continuing to seek a tenant for the lower level. This decision was not made lightly. While recognizing that this building has been MSPE's home since 1996, the Board believed that the sale was necessary to preserve its current investment portfolio and attain the additional funds needed to support the Foundation's mission. The sale of the building to Modern 10th Ave LLC was finalized on March 31, 2022.

Looking to the Future

The Foundation Board is excited to be entering into this new phase of its existence. With a non-restricted investment portfolio currently valued at about \$760,000, the Foundation Board is now focused on developing a formal Spending Policy. This policy will serve as the guideline for balancing the Foundation's desire to provide meaningful funding annually for the Chapter Grant program while preserving and growing its investment portfolio to ensure adequate funding in future years. Through sound investment management and continued

financial support from the MSPE membership, the Foundation will be better able to fulfill its goal of providing support to charitable and educational programs that promote and encourage engineering education and careers.

EDUCATIONAL FOUNDATION UPDATES



Ozark Chapter - MSPE

For Immediate Release
Contact: Tia Clemens or Jerry Jesky, 417-890-8802

RESULTS

MATHCOUNTS 2022 Facilitated by: Ozark Chapter - MSPE

Online Chapter Competition was Held on Thursday February 17, 2022

There were ten (10) schools who participated, with a total of 70 students competing. Twenty-two (22) students from the Ozark Chapter Competition advanced to the State Competition that was held on March 12, 2022 in Columbia, Missouri.

Participating Schools and Coaches:

Branson Junior High School, Branson, MO
Cherokee Middle School, Springfield, MO
Immaculate Conception School, Springfield, MO
Nixa Junior High School, Nixa, MO
Ozark Junior High School, Ozark, MO
Pleasant View Middle School, Springfield, MO
Scholars at Central High School, Springfield, MO
St. Agnes School, Springfield, MO
St. Elizabeth Ann Seton School, Springfield, MO
The Summit Preparatory School, Springfield, MO

Kelly Anstaett
Angela Starns
Lindsay Wright
Elizabeth Tiller
Katherine Morrison
John Vassilaros
Audra Uzzell Cam
Branson Matthew
Hillwick Anna Cook

The following students advanced to the State Competition:

Top Individuals:

Lanie L. Deng	Scholars @ Central H.S.
Gavin Luo	Scholars @ Central H.S.
Brayden C. Miao Todd	Scholars @ Central H.S.
Gao	Scholars @ Central H.S.
Emma Lewis	Scholars @ Central H.S.
Audrey Gao	Scholars @ Central H.S.
Trevor J. Wasielewski	Branson Junior High
Madison Z. Gong	Scholars @ Central H.S.
Rishi I. Janakiraman	Scholars @ Central H.S.
Bijayesh Pradhan	Scholars @ Central H.S.
Skylor T. Tisdell Dylan	Cherokee Middle School
P. Henley Jack J.	Immaculate Conception School
Wegrzyn Jace N. Fuller	Scholars @ Central H.S. Branson
Harper D. Spade	Junior High Immaculate Conception School

EDUCATIONAL FOUNDATION UPDATES

Keren G. Ding
Ethan Johnson
Gavin A. Pyck

Scholars @ Central H.S. Scholars
@Central H.S.
St. Elizabeth Ann Seton School

Top Teams:

Scholars @ Central H.S.

Gavin Luo
Brayden C. Miao
Audrey Gao Bijayesh
Pradhan Coach: Audra
Uzzell

St. Agnes Elementary

Zella A. Schopp-Gosnell
Kyle H. Rues
Sarah E. Han
Jason M. Kuria
Coach: Cam Branson

Trophies were presented to the top ten advancing students, as well as to the top two advancing teams. All students and coaches received a certificate and a t-shirt featuring this year's design.

MATHCOUNTS is a nationwide program designed to improve math skills among U.S. students. Sponsors help encourage **middle school students**, who are at a crucial stage in developing and sustaining math interest and ability.

The Ozark Chapter of MSPE received major funding from Springfield 3M.

###

MSPE Capitol Day

MSPE resumed its annual Capitol Day tradition as several members converged in Jefferson City to learn about legislative session issues and meet with state legislators. The morning kicked off at the MSPE office with an overview by MSPE contract lobbyist Mark Rhoads and Executive Director Travis Lowe. Members then walked down the street to the capitol for several meetings. Two priority visits were with two House members who are also licensed professional engineers- Representatives Bob Bromley, P.E. and Don Mayhew, P.E. In addition, members spent time with Speaker Pro Tem John Wieman, Senate Majority Floor Leader Caleb Rowden and Senate Appropriations Chair Dan Hegeman.

MSPE thanks the following members who attended the event:

- Anika Careaga, P.E.
- Lisa Douglas, P.E.
- Sheryl Gallagher, P.E.
- Rachel Goeke, P.E.
- Tom Gredell, P.E.
- Greg Hempen, P.E.
- Mitch Krysa, P.E.
- Britt Smith, P.E, F.NSPE
- Gary Strack, P.E., F.NSPE

Plans for 2023 Capitol Day are being made-- we hope you will attend!



Licensed Professional Engineers, representing several disciplines from KC, Springfield, St Louis and in between, attended MSPE Capitol Day discuss MSPE legislative issues and meet with legislators.



CHAPTER UPDATES

Western Chapter



Kansas City Mayor Lucas helped us celebrate Engineers Week at our 71st Annual Luncheon! The Mayor lauded the metro's engineers for their work and leadership.



The next generation of licensed professional engineers is here! MSPE Western Chapter members enjoyed visiting with students of the UMKC Student Chapter and Engineering Dean Truman on campus.

St. Louis Chapter



The St. Louis Chapter kicks off Engineers week with its 70th annual awards banquet. MSPE President Mitch Krysa joins STL chapter leaders for a great evening.

Northwest Chapter



MSPE President Mitch Krysa, P.E. continues his tour around the state by stopping by and saying hello to some of the Northwest Chapter members in St. Joseph!

CHAPTER UPDATES

College of the Ozarks Engineering Club



Thanks to Pigging Solutions LLC for recently giving a demonstration of their equipment to the College of the Ozarks Engineering Club!



College of the Ozarks Engineering Club members as they work on highway cleanup for community service!

Jefferson City Chapter



The Jefferson City Chapter of MSPE recently held their annual Model Bridge Competition at Helias Catholic High School on April 12th. The three High Schools participating were Lebanon High School, Blair Oaks High School and Helias Catholic High School. The three schools were each awarded \$300 grants to use towards STEM activities. The grants were made possible through the MSPE Educational Foundation.



The Jefferson City Chapter of MSPE had our Free fried chicken/fish lunch on March 2nd to celebrate eweek. Our event scheduled during eweek was postponed due to the weather. Derek Lepper with MoDOT gave a presentation on the Rocheport Bridge Design Build Project. There were about 40 people in attendance.

CHAPTER UPDATES

St. Louis Chapter: 2022 National Engineers Week Celebration at the Saint Louis Science Center

The Missouri Society of Professional Engineers (MSPE) St. Louis Chapter cohosted the SciFest Engineering Expo held Saturday, February 26, 2022 from 9:30 a.m. to 4:30 p.m. at the Saint Louis Science Center in celebration of National Engineers Week (EWeek). A variety of engineering fields were represented by organizations, government agencies, companies, and colleges. Thanks to these volunteers who made the MSPE exhibit a success: Michael Buechter, Allison Mannion, Mary Bergjans, Marie Collins, Steve Liescheidt, & Sean Martin.



The MSPE was comprised of a ramp, a ball at the top of the ramp, office supplies, and a Buzz Light-year figurine. The objective was to have participants build a structure out of the given supplies to protect Buzz Light-year, located at the bottom of the ramp, from being knocked over by the ball (a.k.a. the asteroid) that rolled down the ramp. The activity was popular with all age groups, and a variety of solutions were discovered.



The American Institute of Aeronautics and Astronautics (AIAA) brought an array of supplies to build a moon lander



National Society of Black Engineers (NSBE) had snap circuit demonstrations.



The Baryons 5119 FIRST Robotics Team had their robots doing tricks.

Welcome New Members!

Jefferson City Chapter

Kylie, Eichholz, EI/EIT
Bartlett & West, Inc.

Kimberly Ingham, P.E.
Helton Construction &
Development

Anika Careaga, P.E.
Midwest Environmental
Consultants

Ozark Chapter

Garen McElroy, P.E.
Great River Engineering

Jason Coleman, EI/EIT
Allgeier Martin & Associates, Inc.

Southeast Chapter

Elvis Maina
Southeast Missouri State
University

St. Louis Chapter

David Boll, P.E.
Air Products and Chemicals, Inc.

Jacob Deschler, EI/EIT
College

Everett Litton, P.E.
WSP USA, Inc.

SyNia Lanier
UMSL

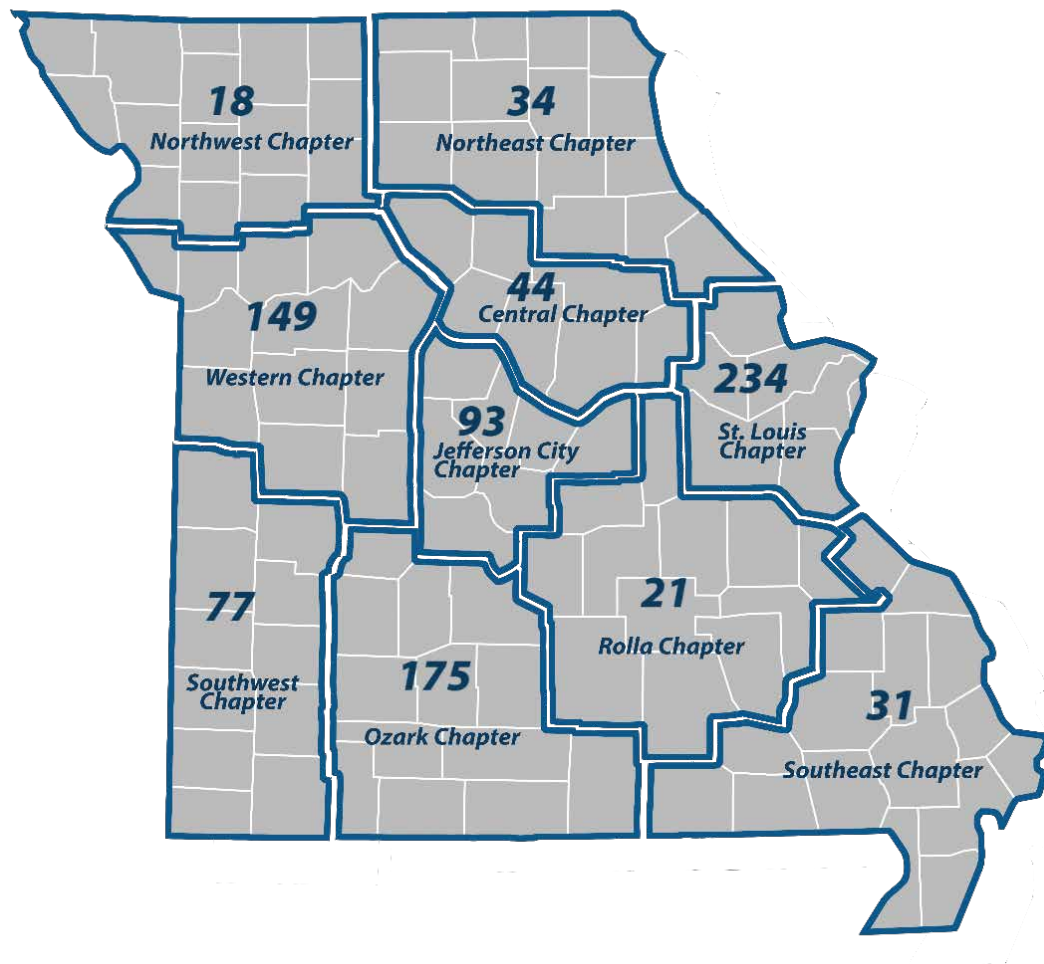
Western Chapter

Srinivas Rahul Sapiroreddy
University of Missouri Kansas City

Graysen Yahne
Kansas State University

Chapter Membership Numbers

Here are the current membership numbers for each MSPE Chapter:



STATE EVENTS

JUNE
8-10

2022 MSPE Annual Convention
Chateau on the Lake,
Branson, MO

JULY
14

President's Workshop
Zoom

AUG
1-3

NSPE 2022 P.E. Conference
Sheraton Philadelphia
Downtown
Philadelphia, PA

AUG
3

P.E. Day

OCT
26-28

19th Annual Fall PDH Days
Zoom

JUNE
7-9
2023

2023 MSPE Annual Convention
Old Kinderhook, Lake
of the Ozarks, MO

CHAPTER EVENTS

OZARK CHAPTER

MAY
5

Monthly Membership Lunch, 12:00
Springfield, MO

JUNE
2

Monthly Membership Lunch, 12:00
Springfield, MO

JULY
7

Monthly Membership Lunch, 12:00
Springfield, MO

AUG
11

Annual Shrimp Feed
Springfield, MO

SEPT
1

Monthly Membership Lunch, 12:00
Springfield, MO

OCT
6

Monthly Membership Lunch, 12:00
Springfield, MO

CHAPTER EVENTS

NORTHEASTERN CHAPTER

MAY
19

NSPE/MSPE Update
Hannibal Country Club

JEFFERSON CITY CHAPTER

JUNE
21

Legislative Update
Jefferson City, MO

WESTERN CHAPTER

SEPT
29

59th NSPE President Visit
Grand Street Cafe, Kansas City, MO

FEB
23
2023

72nd Annual Engineer's Week Celebration
Kansas City, MO

ST. LOUIS CHAPTER

JUNE
23

Officer Installation
4:30 PM
St. Louis, MO

GREDELL Engineering Resources, Inc.

LAND - AIR - WATER

Jefferson City, Kansas City Metro and Springfield

(573) 659-9078

www.ger-inc.biz

THANK YOU

2022 MSPE Annual Partner Sponsors

PLATINUM SPONSORS



ALLGEIER, MARTIN and ASSOCIATES, INC.
Consulting Engineers



PALMERTON & PARRISH, INC.



GOLD SPONSORS



SILVER SPONSOR



BRONZE SPONSORS



ACE PIPE CLEANING
A Carylton Company



FRIENDS



Bartlett & West



MSPE Professional
Engineers in
Government (PEG)



GIBBENS DRAKE
SCOTT, INC.

GREDELL Engineering
Resources, Inc.

ENVIRONMENTAL ENGINEERING
LAND - AIR - WATER



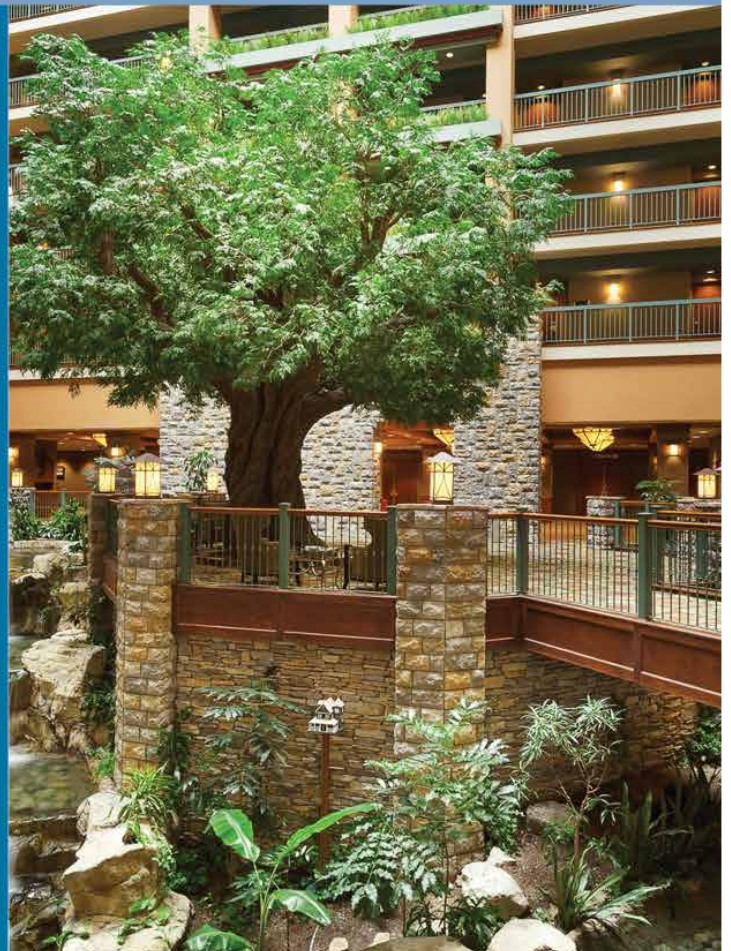
Annual **CONVENTION**

**JUNE 8-10,
2022**

Chateau on the Lake
Branson, Missouri

NSPE-MO [®] MISSOURI SOCIETY OF
PROFESSIONAL ENGINEERS

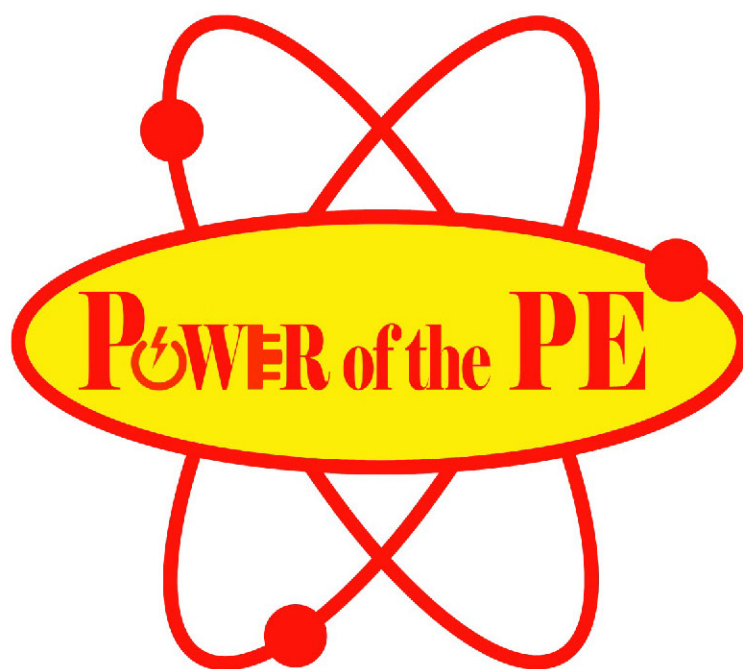
For questions, contact us at
info@mspe.org or 573-636-4861



2022 MSPE ANNUAL CONVENTION



MISSOURI SOCIETY OF
PROFESSIONAL ENGINEERS



JUNE 8- 10, 2022

CHATEAU ON THE LAKE

BRANSON, MISSOURI

**Missouri Society of Professional Engineers
2022 Annual Convention
June 8-10, 2022
Chateau on the Lake
Branson, Missouri**

Wednesday, June 8

- 8:00am - 12:00pm **Registration and Check In**
Preconvene Area
- 8:00am - 9:30am **MSPE Educational Foundation Board of Directors Meeting**
Madrid
- 10:00am - 12:30pm **MSPE Board of Directors Meeting**
Barcelona
- 1:00pm - 6:00pm **Golf Option - Pointe Royal Golf Course
Or Free Afternoon**
- 6:30pm - 9:30pm **Presidents / Welcome Reception**
Windsor

Thursday, June 9

- 8:00am - 5:30pm **Registration**
Preconvene Area
- 8:30am - 9:30 am **CONCURRENT SESSIONS**

Track 1
Kansas Citys Levees
*Scott Mensing, P.E., Kansas City District,
Army Corps of Engineers
St. Moritz/Heidelberg*

Track 2
Value Engineering in Design and Construction
*Ryan Robinson
Innsbruck*

- 9:30am - 10:30am **CONCURRENT SESSIONS**

Track 1
KCMO Biosolids Program
*Suzie Carpenter, P.E., Black & Veatch
St. Moritz/Heidelberg*

Track 2
**Virtual Reality / Augmented Reality in Design &
Construction**
*Steve Cline, Burns & McDonnell
Innsbruck*

- 10:30am - 11:30am **CONCURRENT SESSIONS**

Track 1
KC Streetcar Main Street Extension
*Jason Waldron, P.E., City of Kansas City
Missouri
St. Moritz/Heidelberg*

Track 2
Engineered to Hear
*Michael Buechter, P.E., D.WRE, F.EWRI,
Metropolitan St. Louis Sewer District
Innsbruck*

11:45am - 1:00pm	Lunch
<i>Windsor</i>	Membership Meeting Order of the Engineer Incoming Presidents Address
1:30pm - 2:30pm	NSPE Update
<i>St. Moritz/Heidelberg</i>	<i>Monika Schultz, CAE, NSPE Executive Director</i>
2:30pm - 3:30pm	Diversity, Equity and Inclusion in Today's Workplace
<i>St. Moritz/Heidelberg</i>	<i>Leon Harden, Burns & McDonnell</i>
3:30pm - 4:15pm	Practice Division Meetings
<i>St. Moritz/Heidelberg</i>	Professional Engineers in Construction (PEC) Professional Engineers in Higher Education (PEHE) Professional Engineers in Industry (PEI) Professional Engineers in Government (PEG)
<i>Innsbruck</i>	Professional Engineers in Private Practice
4:15pm - 5:00pm	Young Engineers Meeting
<i>Barcelona/Madrid</i>	
6:30pm - 9:00 pm	Annual Banquet
<i>Windsor</i>	
9:00pm	Social Time
<i>Library Lounge & Patio</i>	(no outside alcohol or food allowed)
<u>Friday, June 10</u>	
8:00am - 9:00am	MSPE Advocacy
<i>St. Moritz/Heidelberg</i>	<i>Travis Lowe, CAE, MSPE Executive Director</i> <i>Mark Rhoads, MSPE Lobbyist</i>
9:00am - 10:00am	Legislative Panel - Missouri Issues Impacting Licensed Professional Engineers
<i>St. Moritz/Heidelberg</i>	<i>Representative Hannah Kelly, House Assistant Floor Leader</i>
10:00am - 11:00am	Closing Keynote Presentation: Live to Serve
<i>St. Moritz/Heidelberg</i>	<i>Rhett Laubach</i>
11:00am	Adjourn

HOTEL RESERVATIONS

To make a room reservation for the 2022 Annual Convention, please [click here](#) or call 417-243-1720 (online only registration until April 14th due to system upgrade at the Chateau) and reference the group code 0622MSPE to receive special rate of \$139.00 per night (single or double occupancy). Make your reservation before the cut-off date of May 8, 2022 at the Chateau on the Lake, 415 North State Highway 265, Branson, MO.

REGISTRATION

Full Convention Registration includes:

- Thursday Business Meetings
- Thursday Lunch Function
- Awards Banquet
- All Continuing Education Opportunities and PDH Documentation

Spouse/Guest Package includes:

- All Convention Social Events
- Awards Banquet
- Thursday Lunch Function

Kids Package Includes:

- Welcome Reception Wednesday Evening
- Kids Banquet on Thursday Evening
- Thursday Lunch Function

CANCELLATION POLICY

Full registration, less a \$50.00 processing fee, will be refunded when cancellation is made via email notification email to Alison Connell at aconnell@mspe.org on or before May 25, 2022. No cancellations will be accepted after June 1st due to hotel guarantee deadlines.

SPECIAL NEEDS/ACCOMMODATIONS

We will make every effort to meet your special needs. Please contact Alison Connell at the MSPE office at aconnell@mspe.org to request special accommodations.

ORDER OF THE ENGINEER

During the luncheon Thursday, and Order of the Engineer Ceremony will be conducted. Registration for this ceremony is included in this convention registration package. In general, the Order of the Engineer is another step in a PE's career where a commitment is made to perform engineering with dignity and an obligation to serve humanity. The symbol shall be a stainless steel ring to be worn on the little finger of the working hand. MSPE highly recommends joining the Order and participating in the ceremony if you are not already in the Order. More information is available at the Order's website: <https://order-of-the-engineer.org/>

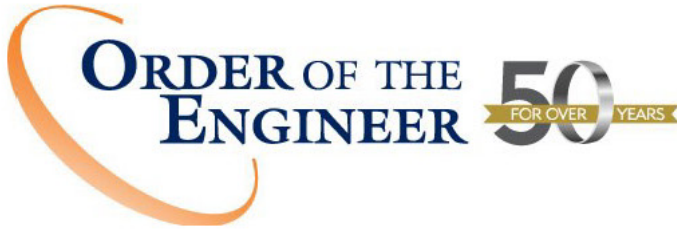
GOLF TOURNAMENT

There is a golf option available this year on Wednesday, June 8th beginning at 1:00 p.m. at Pointe Royale Golf Course! The golf course is located at 142 Clubhouse Drive, Branson, MO 65616 and is a 7 minute drive (2.8 miles) from the Chateau on the Lake. The fee is \$90.00 per person. Be sure to sign up when you register for the conference as we have limited tee times reserved.

RECOMMENDED ATTIRE

Meetings and social events: Resort wear/business casual suggested.

Annual Banquet: Resort chic attire, business wear, sportcoats. Ties optional for men.



ORDER OF THE ENGINEER CEREMONY

Presented by the

Missouri Society of
Professional Engineers

June 9, 2022, 11:45 a.m.

Chateau on the Lake, Branson, MO

The Order of the Engineer is an independent organization whose purpose is to foster a feeling of pride in and dedication to the engineering profession. During the ceremony, each inductee makes a solemn obligation to uphold devotion to the standards and the dignity of the engineering profession. Prior inductees are also invited to renew their obligation.

The obligation is a creed similar to the oath attributed to Hippocrates that is commonly taken by medical graduates and which sets forth an ethical code. The obligation likewise contains parts of the canon of ethics of major engineering societies. **The Order promotes honesty and integrity, and recognizes that today's engineers are dependent on their predecessors for their skills.** A stainless steel ring is worn on the little finger of the working hand to symbolize acceptance of the obligation.

MSPE/NSPE members who wear the ring help raise awareness of the concepts of licensure and professionalism. This awareness is extended to recent engineering graduates, to non-MSPE/NSPE members, and to the general public. Promoting the Order of the Engineer provides an opportunity for NSPE and its state partners to grow membership. A strong membership base helps promote and protect the engineering license.

You are invited to join in this important promotion of the licensed engineer. Please register to take the oath to serve humanity by making the best use of earth's precious wealth!

Name: _____ Major: _____

Please print your name as you would like it to appear on your certificate

School: _____ Year Graduated: _____

Permanent Address: _____

E-mail Address: _____

Ring Size (last finger on working hand): _____

Ring sizer available at: <https://order-of-the-engineer.org/resources/ceremonial-materials/>

Signature: _____ Date: _____

There is a one-time / lifetime fee of \$10 to participate.

Return this form with your MSPE Conference Registration form and fees by June 1 to:

MSPE
200 E. McCarty Street, Suite 200
Jefferson City, MO 65101
Fax: 785.233.2206
www.mspe.org

MSPE 2022 ANNUAL CONVENTION REGISTRATION

Please use one form per registrant. Duplicate as needed.

Registrant Name (for badge) _____ Designation(s) _____

Spouse/Guest Name _____

Practice Section PEC PEHE PEG PEI PEPP

Company/Agency _____

Street/City/State/Zip _____

Phone _____ Email _____

CONFERENCE REGISTRATION

Full Registration—MSPE Member \$399 \$ _____

Full Registration—Non-MSPE Member \$450 \$ _____

Wednesday Only Registration—MSPE Member \$100 \$ _____

Please indicate the MSPE Business Meeting you wish to attend:

Membership Committee Meeting

Kimel Meeting

PEC, PEHE, PEI, PEG Meeting

PEPP Meeting

Spouse/Guest Package Registration - \$200.00 \$ _____

Kids Package Registration - \$125.00 (per child) \$ _____

Additional Annual Banquet Only Ticket - \$90.00 each \$ _____

Order of the Engineer (return enclosed order form) - \$10 \$ _____

Golf Outing

Conference Registrant \$90 per player \$ _____

Please indicate your team, if known

TOTAL DUE \$ _____

PAYMENT INFORMATION

Check Enclosed (*make payable to MSPE*)

Credit Card - Email address _____

If you'd like to pay by card, please check the box above and enter the email you'd like us to send the invoice to. It will have a secure link to our processing site so you can enter your card information to complete the transaction.

Please complete Registration Form and return with payment to MSPE by June 1:
200 E. McCarty Street, Suite 2000, Jefferson City, MO 65101
Phone: 573.636.4861 aconnell@mspe.org



ONLINE RESOURCES FOR ENGINEERING STUDENTS



NSPE'S STUDENT MEMBERSHIP IS FREE AND COMES WITH AMAZING RESOURCES:

- Complete access to the digital version of *PE* magazine, covering news and commentary on issues like engineering ethics, employment, current events, and engineering education;
- Free access to a number of web seminars on topics such as ethics and professional development;
- Deep discounts on FE/PE Exam Prep Courses and other services offered by our benefit partners; and
- Visit the NSPE Job Board to search for jobs by location, salary, engineering discipline, and receive a biweekly newsletter of the latest openings.

You can find more benefits, and join online, by visiting us at www.nspe.org/students