

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 new administrative year starts each year on July 1. The membership presented me with a gift of some very well-qualified officers to assist me in the 2021-2022 year, and I am happy to accept such gifts. I look at this next year as an opportunity for me to continue to serve the membership of MSPE for another year as President. I take this office seriously and of course professionally. I will endeavor to do everything I can to help revitalize MSPE and with the assistance of the officers and Board Of directors hope to accomplish our objectives.

Your officers for 2021 – 2022 are Rachel Goecke (Ozark Chapter), President-Elect; Kelsie Clark (Western Chapter), Vice President; and Michael Buechter (St. Louis Chapter), Treasurer. Feel free to reach out to any of your officers for assistance or advice. Travis Lowe (BHL) continues as our Executive Director.

We have already hit the ground running this year with the following taking shape.

It is my goal to visit each of our ten chapters at least once in the coming year. Travis is setting up the travel plans and so far has commitments from at least 5. I think it is important for me to build a relationship with the chapters, especially since travel was so very restricted over the past 12-18 months due to the pandemic. I can only hope the new mutation of the Covid-19 is mitigated to the point that these visits can indeed be made.

The annual President's Workshop was scheduled for a ZOOM meeting on July 23 from 10 -2 PM with an hour off for lunch. By the time of this publication, the event will have already been a success!. All officers, EC, BOD members, and chapter leaders were encouraged to attend.

It is unfortunate that the Annual Ozark Shrimp Feed scheduled for August 12 has been canceled. It is an event that has been successful for years and the Ozark chapter is to be complimented on their work and efforts. Each year the EC travels to Springfield for their monthly meeting to enjoy the atmosphere

and the event itself and to allow the EC to interact with the Ozark leadership. The EC is resilient in that the monthly meeting has been rescheduled for the same day as a Zoom meeting. We must move ahead. Last year it was canceled due to COVID-19, and this year with the advent of the Delta Variant, the leadership has shown the POWER of the PE by considering the health and welfare of the community over their personal gain. My hat is off to Ozark leadership for making this very difficult but correct decision.

Western Chapter has a commitment from NSPE President Rick Guerra to visit Kansas City on September 29. This is a WC-hosted event but the Thursday Membership meeting is joint with the Eastern Chapter of KSPE. Rick is looking forward to his visit that will include the UMKC Engineering campus, a visit with students, and perhaps a tour of the 2-year multimillion-dollar renovation of the Truman Library in Independence, Missouri.

Your officers have been busy filling State Committee Chairs, and we are



The Missouri ENGINEER

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Editor’s Message:

Please enjoy the 2021 Summer 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

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only lacking perhaps a few. This is very good news, that the MSPE membership remains willing to volunteer for these leadership positions. We are blessed.

The 2022 Annual Convention Chairman, Kyle Roberts from Western Chapter will ensure the convention at Chateau on the Lake in Branson June 2022 will be “the best ever!” He is already building his committee, but let him know if you want to be part of this event.

Kelsie Clark is the Chairman for Fall PDH days, and as such his committee is formulating the agenda for the October 21-22 sessions. We are nearing completion of all the speakers, and the topics are germane and timely for our profession.

This year I have chosen a motto, tag line, saying, whatever you want to call it, that will serve as a focal point for activities for the upcoming year. It is “*The POWER of the PE*”. POWER stands for “**P**rofessional **O**rganization **W**ith **E**ngineering **R**esiliency”. Post pandemic we need to get back on the fast track to ensure our profession and our licensure emphasis resumes and accelerates. Stop and think, just how much POWER does a PE have? Our work and our efforts help shape the world we live in each and every day. To help explain this further, each officer will prepare an article in subsequent ME publications on what they see as an example of the POWER of the PE. (I have authored one for this issue.) In addition, the EC will be accepting submissions from the membership and the EC will announce the winner of the

best report at the 2022 Convention. A suitable prize will be awarded to the recipient.

I believe my job is to communicate to the membership what we are doing, how we are doing it, and how we are ENGAGING the membership in our objectives. In future ME’s, I will be sure to let you know “what’s up”, and how much POWER the PE has.

I invite you all to join your officers, EC and BOD in unison as we move into the new 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, and I look forward to a very “best ever” year

Welcome new members!

Jefferson City Chapter

Matthew Frerking, P.E.
Ameren Missouri

Laura Riegel, EI/EIT
Jviation

Northeast Chapter

Yahya Mohammed, P.E.
PSBA, Inc.

Ozark Chapter

Luke Snow, P.E.
Toth & Associates

Joseph Tierney, P.E.
Toth & Associates

Aaron Boll, P.E.
Anderson Engineering, Inc.

Christopher Landoll, P.E.
Gredell Engineering

Rolla Chapter

Jacob Scott
Missouri S & T

Oluwafemi Salami
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and Technology

St. Louis Chapter

Manh Bui
Washington University in St.
Louis

Cydne Ratliff
Washington University in St.
Louis

Daniel Higginbotham
Southern Illinois University
Edwardsville

Southeast Chapter

Blake Driskell, P.E.
Gerdan Slipforming, Inc.

Western Chapter

Joseph Buchheit
Anderson Engineering, Inc.

Melanee Bauer
Rockhurst University

Adam Mummert, P.E.
Burns & McDonnell

Bryce Presko, EI/EIT
Burns & McDonnell

Mitch Krysa, P.E. Installed as New MSPE President

2021-22 Board of Directors Kicks off New Administrative Year

The Missouri Society of Professional Engineers held its Annual Convention June 9-11, 2021. During the event, the 2021-2022 officers were installed, handing the MSPE presidential reins over to Mitch Krysa, P.E.

Krysa succeeds John Riediger, P.E., who served as President of the society since July 2020. Rachel Goeke, P.E. of Springfield was installed as President-Elect, with Kelsie Clark, P.E. of Independence, as Vice President.

Michael Buechter, P.E., is serving as Treasurer. Charles Loughman, P.E. and Anika Careaga, P.E., join the Executive Committee as At-Large Members with Josh Hartsock, P.E., as the Young Engineer Representative.

In addition to Executive Committee members, the 2021-2022 Board of Directors is comprised of a state director from each of the ten chapters and chairs of the five practice divisions.



MISSOURI SOCIETY OF PROFESSIONAL ENGINEERS

Board of Directors



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Mitch Krysa, P.E.
City of Independence



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Palmerton & Parrish, Inc.



Vice President
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Northrop Grumman



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Michael Buechter, P.E.
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MSPE



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Allgeier, Martin & Associates, Inc.



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Hydro Engineers



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Kathy French, P.E.
LS Power



Northeast Chapter State Director
Kevin Garnett, P.E.



Northwest Chapter State Director
Tim Klein, P.E.
WireCo WorldGroup



Ozark Chapter State Director
Colten Harris, P.E.
City of Springfield Public Works



Southwest Chapter State Director
Jacob Bradley, P.E.
Liberty Utilities



Western Chapter State Director
Erick Strack, P.E.
HNTB



Southeast Chapter State Director
Andy Meyer, P.E.
MoDOT



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P.E.s in Industry Chair
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Boeing Company



P.E.s in Private Practice Chair
Rachel Goeke, P.E.
Palmerton & Parrish, Inc.

Executive Director’s Message

by Travis Lowe, CAE



Hello from the MSPE Office! We hope the summer is treating you well. Summer is an important time for MSPE. We just held a great Annual Convention at the Lake and our administrative/ fiscal year recently switched over, ushering in a new set of leaders at the state and local chapter level. As our new leadership teams get started, we have many updates to share. But first, we want to thank our members for their continued support that keeps MSPE strong.

Thank you to everyone that helped make our 2021 Convention a success. It seemed like everyone was excited to see their colleagues in person again. Seminar sessions were well attended while NSPE President-elect Rick Guerra, P.E., FNSPE, a mechanical engineer from Austin, joined to meet our Missouri members. Thank you to each attendee, sponsor, speaker, and vendor that made the event one for the books. We offer a special thank you to Jacob Bradley, P.E., and his Convention Planning Committee for their planning efforts with the help of Kurt Higgins, P.E., and the Awards Committee. We are already excited for next year in Branson. Plan to attend!

As of July 1, Mitch Krysa, P.E. of Independence takes the reins as MSPE President. Mitch’s theme for the year is the “Power of the P.E.,” and you’ll hear more about this over the year and in each of our publications. As we look forward to Mitch’s plans and the new MSPE Board to begin its work, we thank John Riediger, P.E. for his efforts as president over the last year. Each year has its challenges, but we are extremely proud that the state and chapters remained active through the pandemic.

As we look ahead, chapters are hitting the ground running. Please check with your chapter for their meeting schedule for the rest of summer and fall, which will include Mitch Krysa’s plans to visit with most of the chapters.

We are pleased to report that our MSPE membership remains strong with more members today than at this point last year. This is a testament to your support of MSPE’s mission. As you know, a major part of the mission is defending licensure. As we come off a very active legislative session, MSPE is already working on building support for MSPE issues as scheduled for September 29, featuring State Representative

Becky Ruth, chair of the House Transportation Committee. With SB 262 (fuel tax increase to MODOT), we have lots to discuss. The virtual event counts as one PDH.

We are proud of the work of the MSPE Educational Foundation, led by Marie Collins, P.E. Please pay close attention to the activities of the foundation, including the relaunch of the chapter grants program!

On a closing note, we encourage everyone to stay active at the chapter level. Our success begins at the chapter level, and each chapter is working to re-establish its footing as we get through the pandemic. Our society’s mission is centered on licensure. It is what unites all of our members, regardless of discipline. Our young engineers on the path to licensure want the license to mean as much in twenty years from now as it did when they received it. With your help and continued support, we will work toward that goal in Missouri.

Thank you for your continued support!

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EDUCATIONAL FOUNDATION UPDATE

EDUCATIONAL FOUNDATION BUDGETS \$15,000 FOR CHAPTER GRANTS

by Marie Collins, P.E.
MSPE EF President



Through the generous support of several MSPE Life Members and the success of the convention raffle, the \$10,000 Chapter Grant budget approved by the Foundation Board in May “grew” to \$15,000 at the June Foundation Board Meeting.

Chapter Presidents have been notified of the availability of these funds and asked to submit grant applications by the end of July. It is the goal of the Foundation to distribute all budgeted funds to qualified Chapter programs. Should

the Foundation not receive a sufficient number of qualified applications by the end of July, it will consider initiating a second round of solicitations to the Chapters for program funding proposals.

The Foundation Board would like to thank all those who provided it with both volunteer and financial support during the 2020-2021 fiscal year and hope that this support will continue and grow in the coming years.

NSPE-MO MISSOURI SOCIETY OF PROFESSIONAL ENGINEERS EDUCATIONAL FOUNDATION
Board of Directors

President Marie Collins, P.E. Retired	Vice President Charles Morris, P.E., Ph.D. Hydro Engineers	Treasurer Michael Buechter, P.E. Metropolitan St. Louis Sewer District	Secretary/ Executive Director Travis Lowe, CAE	Director (2024) Amy Strauss, P.E. Retired	Director (2024) Stephen Hutti, P.E., FNSPE Retired

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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](#).

Power of the P.E.:

An Introduction

by Mitch Krysa, P.E.



Just what is the Power of the PE? This article will be an introduction to the concept of the POWER of the PE and will serve as guidance for this moniker. It stands for **P**rofessional **O**rganization **W**ith **E**ngineering **R**esiliency. The new MSPE administration will use this to accentuate and drive our efforts to support the objectives we will tackle in this upcoming year.

PE's have always had the POWER, we simply have not properly recognized it. Every day we go to work, we demonstrate our POWER by influencing others in what PE's stand for and how they greatly assist the public with designs, construction and advocacy improve safety, enhance the environment, or simply make living in this world a better place. Perhaps this article will best serve the purpose by giving a few examples.

Earlier this year, MSPE assisted with the passage of a house bill that would increase gasoline taxes that would be used to make transportation systems more safe and enjoyable to use. PE's persisted in this effort as a demonstration of the POWER of the PE. As a result, bridges and roads will have needed funding for repairs and improvements.

During the pandemic, the world needed a way to continue to work without unnecessary exposure to others that may have come in contact with the Covid-19 virus. The world needed a method to work remotely through advanced applications developed by Professional Engineers. The result was the timely introduction of ZOOM and MS Teams platforms. These applications along with the development of the "cloud" networks enabled millions of workers to work from home, keep up to near normal production levels and remain safe from the virus. Some may say these are software developers, and to an extent this is true, but Engineers, no doubt PE's, were involved with the designs for not only the application platforms but the hardware used to implement such applications. PE's helped keep the world safe and minimized the economic impact of the virus. Where would we be without these tools? Truly, an example of the POWER of the PE.

Most recently, a building collapsed in Surfside Florida resulting in many unnecessary losses of life and injuries. Engineers were called upon before

the collapse to perform a study as to the structural integrity of the building itself. The report was made and showed concerns over some needed structural repairs. The investigation is ongoing, and this may be an example of how engineers while submitting the report, did not use the POWER of the PE to place more importance on the analysis provided. NSPE blogs are being filled with information on this tragedy, and authors are writing that perhaps engineering reports are full of too much jargon and technical information and perhaps should have stated more clearly in plain language "if you don't do this by (date), then (X) is likely to occur.

In my discipline, engineers are making great strides to provide clean and green energy, improving wind turbine designs, solar panels, distributed generation, not to mention electric vehicles and emerging battery technologies. All of these make for a cleaner atmosphere, and remove our nation's dependence on foreign fuel supplies. Clearly these are magnificent examples of the POWER of the PE.

I could go on and on and on, and I am sure you have your examples, in your discipline as well as others. It is time for us to show the world just how important our profession is, and how important it is to ensure that PE's are leading these designs. It is time for us to be proud of what we do and time to express just how much we believe in The POWER of the PE.

Now it is your turn to put pen and ink on paper, fingers on keyboards...let us know of your examples and what you are going to do to use The POWER of the PE to make this world a better place to live. Submit your articles to the Missouri Engineer; info@mspe.org. We would like to hear from you. Don't procrastinate, do it today! Show us you have the POWER!

POWER of the PE

POWER of the PE ME Article Participation Rules

by Mitch Krysa, P.E.

Purpose

Guidelines for the submission, grading and awarding an author for the best Power of the PE Article submitted for publication in the Missouri Engineer, an MSPE publication.

Article Content

The article must describe a situation, process, design or construction that demonstrates how a PE in Missouri demonstrates the POWER of the PE. It stands for **P**rofessional **O**rganization **W**ith **E**ngineering **R**esiliency. The content will show what the PE did to show resiliency in designs or processes that we used to make this world a safer and a better place to live. If it is an example within the state of Missouri, all the better, but anywhere in the world is acceptable.

Article should use the engineering scientific process describing the problem, show the design or process used and the resulting solution, clearly a PE's normal and customary method of analysis and documentation. Pictures and graphs are all well and good, and if carefully selected for inclusion can make the article easier to read and understand, but same is not necessary if words can do the same thing.

Submitting the Article

Submit the article to info@mspe.org, which is the MSPE monitored generic email address. The administrative staff will record such submission by date, title and author. Articles will be accepted immediately with a final deadline for submission of April 1, 2022.

Selection of the Winner

A subcommittee of the EC will review all the

submissions and create a scoring mechanism to effectively grade the article. Such criteria will include the article content as stated above and any other important aspect related to The POWER of the PE, at this subcommittee's total discretion. This subcommittee will be comprised of the President Elect, the Chairman of the Awards Committee and one of the EC members at large. This subcommittee will complete the scoring and ranking of all the submissions by May 1, 2022, and will forward the top 5 to the entire EC to score and rank using the same methodology. The EC will select an overall winner during the June 2, 2022 ZOOM EC meeting. Please keep the winners name confidential until formally announced at the convention.

Recognition

The winner will be recognized at the banquet by the Awards Chairman at the Annual Convention at Chateau on the Lake in Branson, Missouri.

Prize

The Prize will be a \$100.00 donation in behalf of the recipient, made by MSPE President Mitch Krysa to an Engineering Scholarship Fund of the recipient's choice. In addition, the article will be suitably framed and presented to the winner.

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2021-2022 CHAPTER PRESIDENTS

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Ozark Chapter
Andrew Flippin, P.E.

Western Chapter
Sheryl Gallagher, P.E.

Jefferson City Chapter
Ted Koester, P.E.

St. Louis Chapter
Allison Morris, P.E.

Northeast Chapter
Kenneth Epperson

Southeast Chapter
Benji Philpot

Northwest Chapter
Kelvin Underwood, P.E.

Southwest Chapter
Blake Watson, P.E.

Purol Appointed to Serve as NSPE Delegate



The Missouri Society of Professional Engineers has appointed Michael Purol, P.E., to serve as Missouri's representative on the House of Delegates through 2023. Purol, a past president, succeeds Bob Becnel, P.E., F.NSPE, who completed his term in July.

The NSPE House of Delegates, established in NSPE Bylaw 13, is where constituent concerns are aired, consensus is built and policy is coordinated through all levels of NSPE membership. State delegates are primary points of contact and vehicles for communication between NSPE members in their home state, NSPE leaders and staff, and their fellow delegates.

Only NSPE Members are eligible to serve as a State Delegate to the House of Delegates. The House of Delegates consists of:

- One member representative designated from each Integrated Affiliated State Society,
- One member representative drawn from the NSPE membership within each state not covered by an Integrated Affiliated State Society,
- One member representative from each of three interest groups not represented on the Board of Directors, and
- The voting members of the NSPE Board of Directors.

MSPE's Breck Washam named NSPE Fellow



The Missouri Society of Professional Engineers is pleased to recognize Breck Washam as an NSPE Fellow member. The Fellow membership grade honors those active NSPE members who have demonstrated exemplary and devoted service to their profession, the Society, and their community. Requirements for the designation include holding at least one elected office at any level and active involvement at the national level.

NSPE state and territorial societies can nominate one person for each 500 voting members on their rolls per year. Nominations are also open to NSPE interest groups, chartered affinity groups, and the Board of Directors. Since its establishment in 2000, slightly more than one percent of all NSPE members have advanced to this highest volunteer membership rank.

MSPE Award Winners

Congratulations to the MSPE award-winners who were recognized at the Annual Convention:
Hall of Fame: Brad R. Parrish, P.E.

Professional Engineers in Private Practice QBS Award: City of Columbia

Professional Engineers in Private Practice Professional Development Award: Olsson

President's Extra Mile Resolution: Marie Collins, P.E.

NSPE Fellow: Breck Washam, P.E., F.NSPE



Hall of Fame: Brad R. Parrish, P.E.



Professional Engineers in Private Practice QBS Award: City of Columbia



Professional Engineers in Private Practice Professional Development Award: Olsson



President's Extra Mile Resolution: Marie Collins, P.E.



NSPE Fellow: Breck Washam, P.E., F.NSPE

2021 Convention Recap

It was wonderful to see in-person attendees of the 2021 MSPE Annual Convention. Make sure to save the date for next year's conference, which will be June 8-10 in Branson, Missouri.



Outgoing MSPE President John Riediger, P.E. passes the reins to Mitch Krysa, P.E.



NSPE President Rick Guerra, P.E., meets local members



2021-2022 MSPE officer installation



EF President Marie Collins, P.E. shares remarks.



Member Spotlight

Bethany Forrester P.E.
Ozark Chapter

Member Spotlight

MSPE Chapter: Ozark Chapter

Why did you become an engineer?

I became an engineer because I wanted to have a degree that I could use to help people on a daily basis. I specifically chose Civil Engineering to gain the knowledge to be able help people in underdeveloped countries gain access to clean water. In my daily job, I am able to use my engineering degree to help improve my community and help our customers.

What is your employment/ education history?

I work for SpringNet which is the fiber optic division of City Utilities of Springfield. I have my B.S. in Civil Engineering from Missouri S & T in cooperation with Missouri State University. I have completed some electrical engineering coursework through University of Arkansas to help further my knowledge for my job.

Tell us about your family:

My family has always been a huge supporter of me and my dreams. My Dad is a civil engineer, Mom is a teacher, and my brother is

in logistics. It is really neat to be in the engineering world with my Dad. We were able to go through the Order of the Engineer together, which was a very special experience to share with him, and we attend our local chapter's MSPE monthly meetings together. My Mom has always taught me to work hard and that I can accomplish anything I put my mind to. I have a 91 year old Grandmother named Lovie, who has so much joy for life. I strive to be like her when I am her age .

What is your greatest accomplishment to date?

My greatest accomplishment to date would be organizing and implementing a rain water catchment system in an underdeveloped community in Jamaica during college. This has led to another MSPE member and I starting an Engineers Without Borders Chapter in Springfield MO, where we have partnered with a community in the Amazon in Peru. We are currently working on getting an assessment trip set up where we can see the need of the community.

What do you like to do with your free time?

I am an outdoor enthusiast. I love to hike, camp, fish, workout, and travel. I love to explore foreign

countries and immerse myself in their culture.

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

If I was not an engineer, I would be a professional traveler and run a non-profit that provides clean water to underdeveloped countries.

FAVORITES

Restaurant: Any restaurant with queso dip.

Vacation Spot: Patagonia in Chile and Argentina. I love hiking and camping in the mountains and the scenery in Patagonia is stunning.

Sports Team: I do not have one. I do not really watch sports except I love watching the Olympics. Gymnastics, diving, swimming, and Track and Field are my favorite.

Song or Music Artist: 60s and 70s.



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Licensed P.E. Day

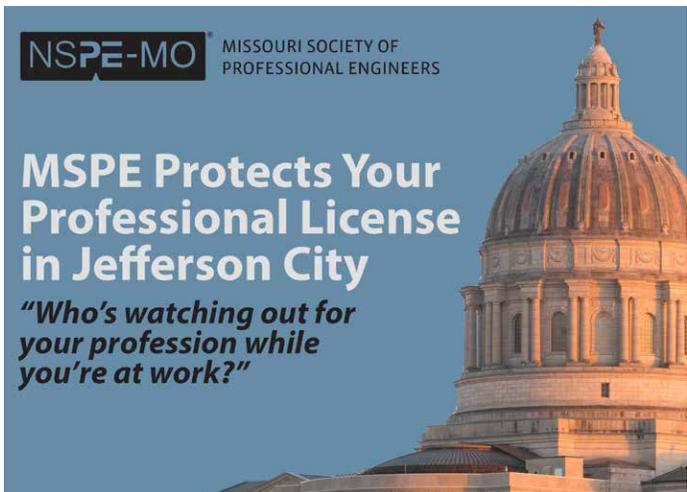
MSPE was happy to celebrate licensed professional engineers on August 4. Thank you Governor Mike Parson for signing a proclamation in support of Licensed P.E. Day. Now in its sixth year, Professional Engineers Day celebrates and raises public awareness of the contributions of licensed professional engineers.



Licensed P.E. Day continued

Congratulations to all of the newly licensed Professional Engineers who participated in the virtual ceremony:

- | | | |
|-----------------------------|-------------------------------------|--------------------------|
| Austin Averkamp, P.E. | Elizabeth Clare Leingang, P.E. | Blake Stephens, P.E. |
| Ronald Lee Evans, P.E. | Keegan Condry Lowry, P.E. | Genevieve M Sutton, P.E. |
| Dillon Feely, P.E. | Nicholas R. Mozer, P.E. | |
| Matthew L. Fiedler, P.E. | Leah Pope, P.E. | |
| Lucas G. Fried, P.E. | Brandon Charles-Bauer Simpson, P.E. | |
| Mary Sophia Hapak, P.E. | Haley Elizabeth Smith, P.E. | |
| Broderick Lee Johnson, P.E. | | |



UPCOMING STATE EVENTS

AUG
20

2021 MSPE Summer P.E. Ceremony
Missouri State Capitol

August 20, 2021

SEPT
29

**MSPE Webinar- Legislative Conversations with Rep
Becky Ruth**

Virtual
September 29, 2021

OCT
21

Fall PDH Days Conference
Capital Plaza Hotel in Jefferson City, MO

Oct 21-22, 2021

NOV
17

**MSPE Webinar- Legislative Conversations with Rep
Jeff Coleman**

Virtual
Nov 17, 2021

FEB
20-26

Engineers Week

February 20-26, 2022

1 PDH

MSPE Legislative Conversations

Representative Becky Ruth, House Transportation Committee Chair

– A LIVE WEBINAR WITH MSPE –



Rep. Becky Ruth
District 114

September 29, 2021
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1 PDH

MSPE Legislative Conversations

Representative Jeff Coleman House Professional Registration and Licensing Committee Chairman

– A LIVE WEBINAR WITH MSPE –



Rep. Jeff Coleman
District 32

November 17, 2021
12:00–1:00

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Graduated Dues Program for Recent Graduates

NSPE offers discounted membership dues to recent college graduates of ABET-accredited schools and/or programs. If qualified, recent grads will join NSPE at a discounted rate up to 80% off of full dues, depending upon year of graduation.

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- 60% of full dues year three after graduation.
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Offering **15 hours** of PDH credit!

MSPE 18TH
FALL PDH DAYS
OCTOBER 21-22
2021

MSPE 18th Fall PDH Days will take place October 21-22 at the Capitol Plaza Hotel, Jefferson City, MO. To reserve your place at the hotel, [click here](#) and use the group code 211020MSP. The deadline to book a hotel room in this block is September 20, 2021.

MSPE 18th Annual Fall PDH Days			
Schedule of Events			
Thursday, October 21 (8 PDHs)		Friday, October 22 (7 PDHs)	
7:30	Check-In and Welcome	7:30	Check-In and Welcome
8:00	Busch (August A) Memorial Shooting Range Demolition and Construction Speakers: Bill Scheperle, P.E. 1 PDH	8:00	KC Levees Speaker: Scott Mensing 1 PDH
8:50	Break	8:50	Break
9:00	SB 262 (MODOT Fuel Tax) Update Speaker: Jeff Glenn 1 PDH	9:00	MoDot Update Speaker: Ed Hassinger 1 PDH
9:50	Break	9:50	Break
10:00	Dam and Reservoir Safety Program Update Speaker: Ryan Stack, P.E. 1 PDH	10:00	COVID Panel (Work from Home Technologies) Speakers: Shiloh Burchfield, P.E. Jacob Careaga, P.E. Additional Speakers TBA 2 PDHs
10:50	Break	12:00	Lunch in the Atrium
11:00	Rebuilt: Engineered to Hear Speakers: Mike Buechter, P.E. 1 PDH	1:00	Ethical Considerations of Automated Vehicles Speakers: Gary Strack, P.E., F.NSPE, SECB 1 PDH
12:00	Lunch in the Atrium	1:50	Break
1:00	Panel Discussion on How Firms Handles COVID 19 Speakers: Douglas Short Dante Gliniecki 1 PDH	2:00	Water Treatment Facility Upgrade Speaker: TBA 1 PDH
1:50	Break	2:50	Break
2:00	Storm Uri and Rolling Blackouts Speaker: Paul Lampe 1 PDH	3:00	Joplin Tornado: Destruction and Economic Recovery by the Numbers Speakers: Rob O'Brian, CECD 1 PDH
2:50	Break	3:50	Closing Remarks
3:00	New Single Terminal and Parking at KCI: Opening 2023 Speaker: Jade Liska, PLA 1 PDH		
3:50	Break		
4:00	SAVE Coalition Update Speaker: TBA 1 PDH		
4:50	End of Day Remarks		

THANK YOU

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Annual **CONVENTION**

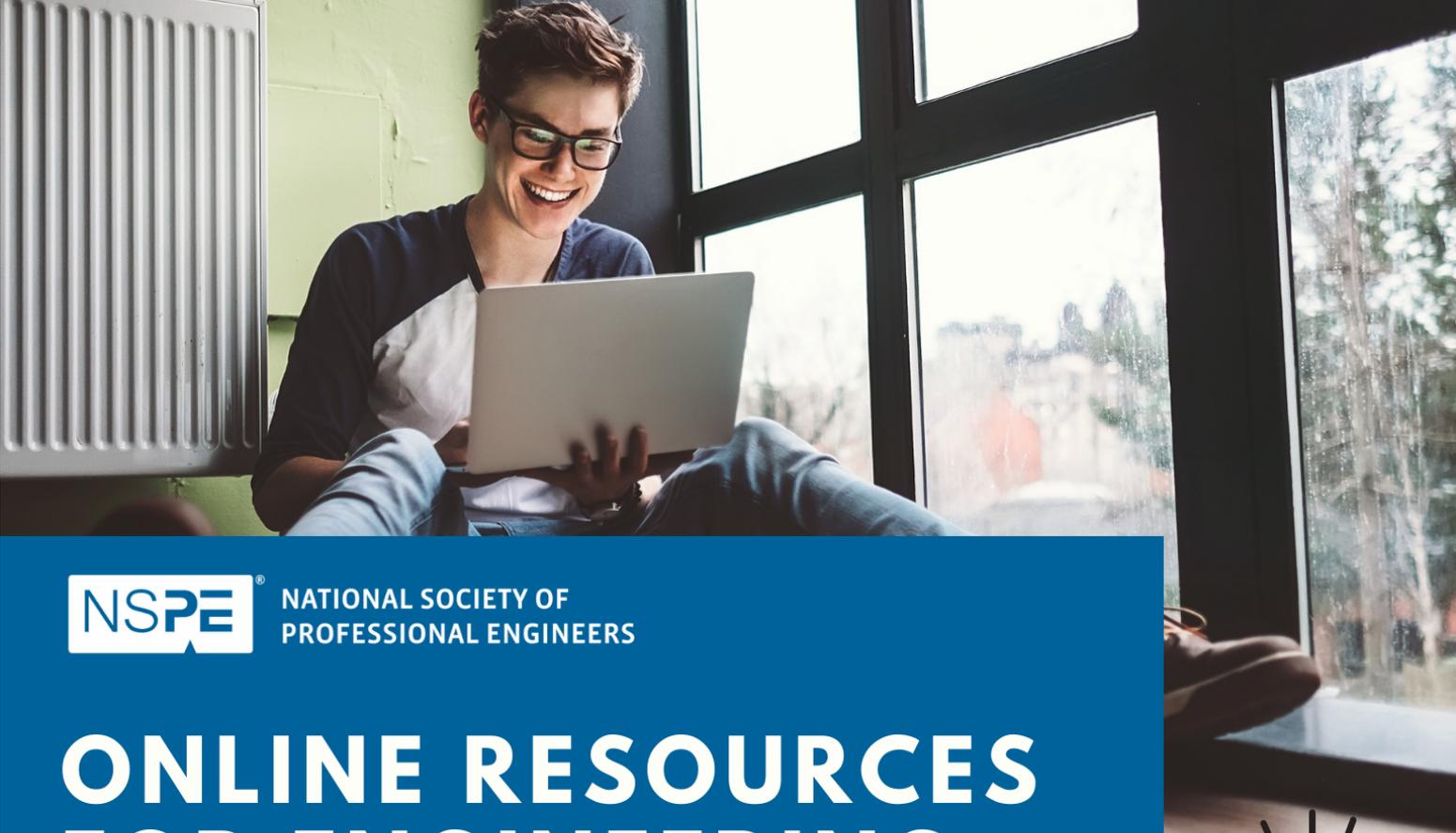
**JUNE 8-10,
2022**

Chateau on the Lake
Branson, Missouri

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





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