



The Missouri ENGINEER

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



A Message From Your MSPE President

by John Riediger, P.E.

It is somewhat hard to believe that the MSPE Year 2020/2021 is already half over. Parts of the last six months have seemed to alternately fly by or drag out. As our schedules settle into the “new normal”, several things we use as milestones for time passing seem to be different. With that said, MSPE continues to move forward and our members continue to be engaged.

In December we had a lunchtime discussion with two Missouri legislators. We had quite a few members attend and ask questions. Staying involved in the legislative process is one way we can help both protect and project MSPE members’ priorities. A Missouri Design Alliance meeting was also held in December. The meeting was a

joint meeting with the MO APELSLA Board, MSPE, and ACEC MO where we discussed Board positions and reviewed potential changes to RSMO Chapter 327.

On December 15, 2020 Governor Parsons announced several appointments to the MO APELSLA Board including two MSPE members. Please congratulate and thank Amy Strauss, P.E., and Stephen Bubanovich, P.E. next time you see them. Their willingness to serve is appreciated.

Chapter meetings continue to be held either virtually or in person. On January 16 we had our first full Board Meeting of the new year to discuss MSPE business. The next Board Meeting is scheduled for

March 20 and will include a discussion of the FY21/22 budget and a lease agreement with the MSPE EF.

Another upcoming event is E-Week, which will be held February 21-27. We encourage all chapters to try to have some activity related to E-Week to help promote engineering. If you have an event planned or need ideas, please contact [Blake](#) or [Travis](#). As part of the E-Week celebration, NSPE is hosting a webinar on The Future of Engineering. Information about the presentation can be found on the NSPE site or email.

John Riediger, P.E.
MSPE President



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Editor's Message:

Please enjoy the 2021 Winter 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!



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PROFESSIONAL ENGINEERS

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MSPE Hosts Professional Design Alliance Meeting

In December the Professional Design Alliance met via Zoom for their annual meeting to discuss current issues and the 2021 Legislative Session. Hosted by MSPE, the meeting included members of the Professional Registration Board (APEPLSPLA) and representatives of MSPE, American Council of Engineering Companies of Missouri, American Institute of Architects of Missouri, Missouri Society of Professional Surveyors and the Missouri Association of Landscape Architects.

MSPE contract lobbyist Mark Rhoads provided a legislative session forecast followed by APEPLSPLA's effort to revise Chapter 327 statutes. The bill would provide clean up amendments to Chapter 327 to ensure definitions are consistent. MSPE and the other associations support the legislation. Discussion also took place related to licensure reciprocity.

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FRIENDS



MSPE Professional
Engineers in
Government (PEG)

MSPE Professional
Engineers in Private
Practice (PEPP)

Welcome new members!

Jefferson City Chapter

Nicholas Weber
Missouri University of Science and Technology

Naomi Fisher, P.E.
True Engineering

Brian Spencer
Ameren

Ozark Chapter

Jacob Berger, P.E.
Missouri State University

Isaac Hargrave
City Utilities of Springfield

Christopher Eakins, EI
Allgeier Martin and Associates, Inc.

Thomas Hancock, P.E.
Allgeier Martin and Associates, Inc.

Rolla Chapter

Todd Koenig, P.E.
Allgeier Martin and Associates, Inc.

St. Louis Chapter

Gregory Hempten, P.E.
EcoBlast, LC

Jeffrey Barnard, P.E.
Burns & McDonnell

Steven Liescheidt, P.E.
SPPECSS Consulting, LLC

Sean Fox
Cole & Associates

Patrick Bastow, P.E.
St. Louis Automatic Sprinkler Company

Southeast Chapter

Alayna Nordstrom, P.E.
Strickland Engineering, LC

Southwest Chapter

Adam Obloj
Allgeier Martin and Associates, Inc.

Western Chapter

Heriberto Oliveros Guerra, EI/EIT
HNTB

Wayne Hess, P.E.
Leigh + O’Kane

Mitchell Eastin
Ultrax Aerospace Inc.

2021 PARTNER SPONSORSHIP OPPORTUNITIES

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

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

Executive Director's Message

by Travis Lowe



MSPE Members,

Happy New Year! We hope everyone had a healthy holiday season. As our members turn the calendar to 2021, many opportunities lie ahead for MSPE in the new year. Thank you for your continued support that enables MSPE to operate efficiently for you.

A new year brings a new legislative session in our state capitol. The 2021 Legislative Session is already underway with MSPE tracking dozens of bills that could impact Licensed Professional Engineers or members' industries. In addition to the work on the ground with MSPE Contract Lobbyist Mark Rhodes, our Government Relations Committee is meeting regularly to access session activity. As we focus on our priorities,

it reminds us that MSPE is THE voice of engineering licensure in the state. It is what makes MSPE unique to our allied technical societies and trade associations. Please keep an eye out for the legislative email updates we send to the membership each week. If you are not receiving these, please let us know by emailing Blake Murray at bmurray@mspe.org.

We offer a huge "thanks" to our 2021 Annual Partner Sponsors. Visit our MSPE website's sponsor tab for more information on how to become a Platinum, Gold, Silver, Bronze, or Friend Partner of MSPE for the 2021 calendar year. These funds go directly to our bottom line.

Looking ahead to our calendar, E-Week and MATHCOUNTS are just around the corner with our chapters

planning multiple ways to advocate the profession and give back. Our 2021 MSPE Convention is set for June 9-11 at Lake Ozark. Please keep a look out for the schedule and registration information as it becomes available this spring. MSPE will be following recommended safety guidelines at our events.

If you have any ideas, questions, or constructive feedback, do not hesitate to reach out to us.

Take care and thank you for your support,

Travis Lowe
MSPE Executive Director

EDUCATIONAL FOUNDATION UPDATE

New MSPE Educational Foundation Committees Formed

The MSPE Educational Foundation recently announced the creation of three new Foundation committees, each working to fulfill the Foundation's philanthropic mission.

Building Committee

Charge: Ensuring measures are taken to ensure the building owned by MSPE Education Foundation is well maintained.



Chair: Tia Griffin, P.E.
Members:
Bob Becnel, P.E, F.NSPE
Michael Buechter, P.E.
Elizabeth Duvall, P.E.
Claire Eubanks, P.E.

Donor Development/Fundraising Committee

Charge: Responsible for developing and implementing strategies to increase the Foundation's ability to provide financial support to the MSPE Chapter programs by soliciting donations from individuals who support the Foundation's mission and through other fundraising efforts.



Chair: David Stokes, P.E.
Vice Chair: Marie Collins, P.E.
Members:
Steve Hutti, P.E., F.NSPE

Grants Committee

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



Chair: Kevin Skibiski, P.E., F.NSPE
Vice Chair: David Stokes, P.E.
Members:
Colten Harris, P.E.
Josh Lehman, P.E.

Kimel Endowment Committee

Charge: Oversee the management of the Kimel endowment.



Chair: Charles Morris, PhD, P.E.
Members:
Bob Becnel, P.E., F.NSPE
Jim Guthrie, P.E.,
David Heise, P.E., PhD
Steve Hutti, P.E., F.NSPE
Gary Moore, P.E.
Breck Washam, P.E.

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](#).

EDUCATIONAL FOUNDATION UPDATE

New MSPE Educational Foundation Committees Formed

Investment Management Committee

Charge: Responsible for developing an Investment Policy that will establish the investment objectives and provide a set of investment parameters to govern the type, quality, diversification and term of investment in order to realize the investment objectives of the Missouri Society of Professional Engineers (MSPE). In addition, the Committee monitors the actions of the financial advisor performance of the investments and within the guidelines of policy to take advantage of market conditions to increase return and/or reduce risk.



Chair: Michael Buechter, P.E.
Vice Chair: Marie Collins, P.E.
Members:
Ron Black, P.E.
Michael D. Brown, P.E.
Kelsie Clark, P.E.
Jim Guthrie, P.E.
David Heise, P.E., PhD
Steve Hutti, P.E., F.NSPE
Gary Moore, P.E.
Tim Quinn, P.E.
Breck Washam, P.E.

TWO P.E.'S APPOINTED TO PROFESSIONAL REGISTRATION BOARD

In December Governor Parson announced two appointments to the Missouri Board for Architects, Professional Engineers, Professional Land Surveyors, and Professional Landscape Architects. Amy Strauss, P.E. and Stephen Bubanovich P.E. join Kevin Skibiski, P.E., PLS and David Smith, P.E. as the four professional engineers on the Board.

Amy Strauss, P.E.

Prior to her retirement in 2019, Ms. Strauss served in various capacities with Springfield City Utilities for over 27 years. Previously, she served as Power Generation Engineering Manager for City Utilities. Ms.



Strauss has also chaired Missouri S&T's Civil Engineering Department's Advisory Council and served as a past president of the Missouri S&T Academy of Civil Engineers and Mid-Missouri American Society of Civil Engineers. She has received the Professional Engineer in Government Award and recognition as the National Young Engineer of the Year, both from the National Society of Professional Engineers. Ms. Strauss holds a Bachelor of Science and a Master of Science in civil engineering from the Missouri University of Science and Technology.

Stephen Bubanovich, P.E.

Mr. Bubanovich has worked for H.R. Quadri Contractors, LLC, a heavy civil construction company, since 2011. He has overseen the



TWO P.E.'S APPOINTED TO PROFESSIONAL REGISTRATION BOARD

management and supervision of construction projects for the Missouri Department of Transportation, Missouri Department of Conservation, U.S. Corps of Engineers, and other private developers. Previously, he served as a resident engineer for the Missouri Department of Transportation. Mr. Bubanovich is a current member of the Three Rivers College Civil and Construction Advisory Board and Associated General Contractors of Missouri

and a past member of the Poplar Bluff Street Department Advisory Board. He has volunteered as a youth hunter education instructor with the Missouri Department of Conservation. Mr. Bubanovich holds a Bachelor of Science in civil engineering from Southern Illinois University in Carbondale, Illinois, and has been a professionally licensed engineer in Missouri since 2000.

MSPE Aims to Fill Vacancies on State Commissions

The MSPE Past Presidents Subcommittee On Appointments is seeking volunteers who may be interested in serving on state commissions or advisory boards. Several such state commissions and advisory boards specifically require a licensed professional engineer serve to provide input in the specific policy area.

The subcommittee recently met to review a number of state commissions and advisory boards that have a current vacancy or expired term.

The subcommittee, chaired by Bob Becnel, P.E., F.NSPE is served by the Past Presidents of MSPE. The following Past Presidents attended the kick off meeting in January: Neil Brady, P.E., Britt Smith, P.E., F.NSPE, Matt Bedinghaus, P.E., David Howe, P.E., F.NSPE, Kurt Higgins, P.E., Breck Washam, P.E.. The subcommittee is requesting members review the following openings and commission charges. If a member is interested or they know of someone who may be a good fit, please contact Bob Becnel at bob@becnel.com.

Once candidates are identified by the subcommittee, MSPE provides an endorsement to Governor Parson's office.

Please click the name of the board to view the mission and function, along with meeting requirements.

Current Expired or Vacant Terms As of January 13, 2021

Amusement Ride Safety Board

- Mechanical Engineer Knowledgeable of Amusement Rides

Board of Boiler and Pressure Vessel Rules

- Mechanical Engineer from Engineering College Faculty
- Rep. of Practical Steam Operator Engineers

Dam and Reservoir Safety Council

- Prof. Engineer Represent the Public
- Professional Engineer Member

Elevator Safety Board

- Architect/Mechanical Engineer

WANTED

Candidates for MSPE Vice President and Treasurer

DEADLINE: Friday, March 5, 2021 at 5 p.m.

MSPE is seeking candidates to serve as the Society's Vice President and Treasurer. Nominees must meet the membership requirements of a Licensed Member described in the Article 1, Section 2 of the society's bylaws as "one who holds a valid, current license or certificate of registration as a professional engineer from a state of the United States or from a district, territory or possession of the United States or from a province or territory of Canada; plus be a three-tier (NSPE, MSPE and chapter) member and be current in their membership dues payment."

Election to the position of Vice President is a one-year term with the option to ascend to the offices of President-Elect and President in subsequent years. The Vice President is an elected officer of MSPE. In the absence of the President and President-Elect, the Vice President is next in line to preside at Executive Committee and Board meetings.

Duties of MSPE's Vice President

The primary duties of this position are to attend recurring Executive Committee meetings and each Board of Directors meeting where decisions about the future of the Society are made; serve with the rest of the Executive Committee on the Budget Committee which oversees the operating budget and investment strategies of the Society.

Specific duties of the Vice President include:

- 1) Serve on the PDH Task Force which organizes the programs at the Fall PDH Days scheduled the first week of December.
- 2) Acting as a liaison officer where he/she will verify that committees and chapters under his/her jurisdiction have submitted reports in a timely manner and request any appropriate Board action prior to a Board meeting.
- 3) Complete any special assignments as designated by the President.

Election to the position of Treasurer is a two-year term with the option to ascend to the offices of Vice President, President-Elect and President in subsequent years. The Treasurer is an elected officer of MSPE and the MSPE Educational Foundation. In the absence of the President, President-Elect, Vice-President and Treasurer is next in line to preside at Executive Committee and Board Meetings.

Duties of MSPE's Treasurer

The primary duties of this position are to attend recurring Executive Committee meetings and each Board of Directors meeting where decisions about the future of the Society are made; serve as the chief financial officer of both MSPE and the Educational Foundation, serve with the rest of the Executive Committee on the Budget Committee which oversees the operating budget and investment strategies of the Society.

Specific duties of the Vice President include:

1. Authorizes the investment portfolio as selected by Central Bank.
2. Serves as a check writer on all withdraws.
3. Works with the BHL Business Manager to create the initial budget each spring.
4. Support the annual audit of the financial records for the Society and Foundation.
5. Complete any special assignments as designated by the President.

Interested applicants should [click here](#) to apply

Members of the Nominating and Tellers Committee will review applications, interview prospects, and select one (1) candidate to be placed on the official ballot. Any applicant not selected for the official ballot, who wishes to pursue an office, may do so in accordance with MSPE Bylaws, Article VII, Section 4, Paragraph B.

MSPE 2020-2021 Nominating Committee

Tom Greer, P.E., Matt Bedinghaus, P.E., Timothy W. Klein, P.E., Kurt Higgins, P.E., and Bob Becnel, P.E., Chair.

MSPE STATE AWARDS NOMINATIONS

**MSPE Award Submissions are due
March 12. Below are the awards
available for submission:**

Extra Mile Resolution: This special award is presented at the discretion of the MSPE President to an individual he/she determines to have performed exceptionally during his/her administration.

Hall of Fame: The MSPE Hall of Fame was developed to recognize individual engineers or friends of the profession whose personal accomplishments, awards, and activities exemplify the goals and objectives of MSPE and positively promote the professional engineering community.

PEPP Distinguished Service Award: The MSPE-PEPP presents the PEPP Distinguished Service Award to an engineer who has made an outstanding contribution to the advancement or recognition of the role of private practice in serving the public interest.

PEPP Professional Development Award: The MSPE Private Practice Professional Development Award is presented to the nominated engineering firm that has made outstanding contributions to the advancement and improvement of the engineering profession through its employment policies and practices. The purpose of the award is to recognize those firms with the best engineering employment practices and to encourage all firms to adopt progressive policies and practices.

PEPP QBS Award: The QBS Award recognize private companies and public-sector entities at the state and local levels that use QBS methods to procure the professional services of consulting engineering firms.

Young Engineer of the Year Award: This award recognizes young members of MSPE who have made outstanding contributions to the Society, the engineering profession, and their communities during the early years of their careers.

If you would like to nominate yourself or someone you know, applications can be found on the [Awards page](#) of the MSPE website.

MSPE Voluntary Life Contributions 2020–2021

Every year MSPE's Life Members receive a letter highlighting the previous year's activities and outlining MSPE's President's objectives for their administrative year. The Annual Life Member correspondence (per the Society's Bylaws) also requests continued support of MSPE's mission through a voluntary contribution. Without fail, the response from the Society's Life Members is prompt and generous. The Annual Life Member letter also presents an opportunity for life members to provide updates to personal information. Any life member can update their member information by contacting Membership Director Blake Murray by phone at 573-636- 4861 or via email to bmurray@mspe.org.

Below are the names of Life Members making generous contributions. On behalf of a grateful membership and MSPE's professional staff, our sincere thanks is extended to the following members, listed by chapter, for their continued support and generosity.

Thomas Abernathy, P.E.
Clayton

R.E. Beumer, P.E.
Saint Louis, MO

William Clarke, P.E., F. NSPE
Saint Louis, MO

Donald James, P.E.
Jefferson City, MO

William Kirchoff, P.E.
Chesterfield, MO

Fred Palmerton, P.E., F. NSPE
Springfield, MO

George Satterlee, P.E.
Overland Park, KS

Dr. Henry Schwartz, P.E.
Saint Louis, MO

Robert Scott, P.E.
Independence, MO

Louis Vetter, P.E.
Jefferson City, MO

Arthur Wernle, P.E.
Chesterfield, MO

UPCOMING STATE EVENTS

MAR
20

Winter P.E. Ceremony Missouri State Capitol

3 to 5 p.m. • March 20, 2021

[MORE DETAILS](#)

JUNE
9

2021 MSPE Convention

Camden on the Lake in Lake Ozark, MO

June 9-11, 2021

[MORE DETAILS](#)

OCT
21

Fall PDH Days Conference

Capital Plaza Hotel in Jefferson City, MO

Oct 21-22, 2021

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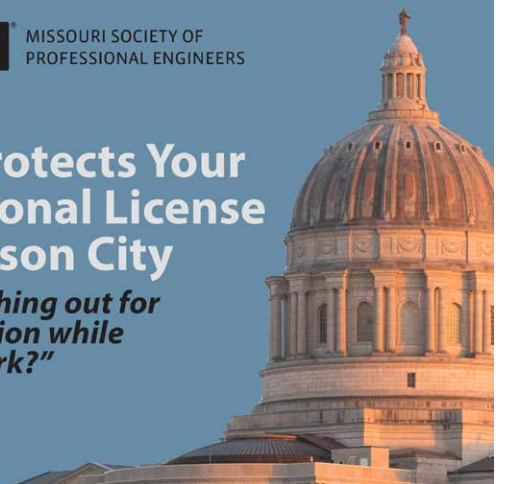
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