



2021-2022 Annual Report

2021 YEAR IN REVIEW

MEMBERSHIP
950+

Maintained strong membership through year two of a global pandemic

22
SCHOLARSHIPS



\$34,500+ FUNDS - \$15,250 FUNDED BY MSPE

TRACKED 20 LEGISLATIVE BILLS

in conjunction with architects - engineers - surveyors legislative committee (AESLC)

9 Virtual Lobby Day Attendees in March

A row of 9 person icons.

TOTAL POST IMPRESSIONS

The number of times a person saw or interacted with a status, photo, link, video, or more.

fb 1,308

in 3,135

NUMBER OF FOLLOWERS

fb 251

108 in

As MSPE celebrates another year of service to the public and its members, let us reflect on our Mission Statement and the Engineer's Creed we are all dedicated to upholding.

MSPE Mission Statement

To foster licensed professional engineers in service to society.

Engineer's Creed

As a Professional Engineer, I dedicate my professional knowledge and skill to the advancement and betterment of human welfare.

I pledge:

To give the utmost of performance;

To participate in none but honest enterprise;

To live and work according to the laws of man and the highest standards of professional conduct;

To place service before profit, the honor and standing of the profession before personal advantage, and the public's welfare above all other considerations;

In humility and with need for Divine guidance, I make this pledge.

Adopted by the National Society of Professional Engineers, June 1954

In Memoriam

The Michigan Society of Professional Engineers wishes to remember its members who have left this life since the time of our last Annual Meeting. Let it be known that our Society shares in the heartfelt sorrow of the families of our departed members and beloved friends.

Charles Barger, PE

Earl Bouwer, PE

Frank Brechting Jr., PE

George Corser, PE

Ruth Dewald, PE

Herbert Elfring, PE

Nigel Fields, PE

Bert Kempker, PE

Piotr Lewak, PE

Calvin Owen, PE

Arthur Perez, PE

W Thomas Scott, PE

Gordon Start, PE

Richard Wright, PE

Contents

President’s Report	5
Executive Director’s Report	6
Teller’s Report	7
2022 Annual Business Meeting Agenda	8
2021 Annual Business Meeting Minutes	9
Treasure’s Report & MSPE Financial Statement	11
Strategic Plan	13
Regional Reports	15
NSPE House of Delegates Update	18
Committee Reports	20

President's Report

Submitted by Donald Nedervelt, PE, President

The warmth of spring weather is around the corner, and I can't help but think about getting outdoors again! Also, as the weather turns warm planning for this year's annual conference becomes a priority. It is again time to reflect on the activities for the last year, our accomplishments and plans moving forward.

As I think about this, I cannot help but to pause and reflect on all the encouragement, support, and help received over the past year from the MSPE board members, committees, region vice presidents, sponsors, membership, and our partners with Frontline. Operating as a state society under NSPE is truly a group effort by everyone. MSPE is an organization where everyone works together toward common goals and will succeed now and into the future. The true mark of a strong organization comes from its membership. Michigan Society of Professional Engineers incredibly strong membership is truly the heart of this organization.

In the past year we were able to move forward with several of our key initiatives which included:

- Continued work on strategic planning;
- Researching opportunities to establish student chapters;
- Finding ways to engage members post-pandemic at the state-level and on a more local, chapter level;
- Continued to encourage participation by the recently created New Professional Community Representative which encourages the young professionals to get engaged; and
- Focused on the need and awareness of ethics in the profession.

We supported statewide programs in MATHCOUNTS, scholarships, and legislative day activities. In addition, we had active committee work in the areas of legislative and governmental affairs, the annual MATHCOUNTS competition, scholarships, our annual conference, and planning our 75th anniversary party. The success of these programs is the result of a strong membership getting involved and contributing. These are the efforts that make our Society strong for all members and the professional engineering community. I encourage you to take time to read the committee reports citing the accomplishments of the past year.

As President of the Society, I'm happy to also report to you our organization has a strong financial base to easily support the Society's varied activities and programs. The financial report for the year is included for your review.

Looking forward into the coming year for MSPE, Jim Kirkwood will become President of the Society, and I will move to the Past President position. Jim is a familiar person to the board, serving as Treasurer for eight years. Jim's prior board experience, plus his insight into the profession's challenges are a great asset to our organization. Many of the current Board members will also be returning next year ensuring a strong consistency and continuation of experience and leadership.

Executive Director's Report

Submitted by Katy Winnett, Executive Director, FrontlineCo

Thank you for a fabulous 2021-2022 Society year. Challenges often bring opportunities, and the past couple of years brought a lot of opportunity for MSPE. Thanks to modern technology we were able to continue our annual conferences even during the most restrictive COVID lockdowns. The past two conferences saw greater revenue due to increased attendance, low administrative costs, and no venue expenses. Due to this increased revenue and a high membership retention rate MSPE is very healthy financially. This will allow MSPE to make strategic decisions to grow the organization in the years to come. With that being said, I know everyone is very excited to be back in person at the annual conference this year.

The last year also brought the celebration of MSPE's 75th Anniversary. A committee was established to plan a party. First, the committee had hoped to celebrate at the 2021 annual conference which was moved to a virtual format. Second, a riverboat cruise was planned in Lansing in the fall of 2021. The week of the event the only captain of the boat was diagnosed with COVID, so the entire event was cancelled. Now, the celebration will finally occur one year later than originally planned, at the 2022 annual conference with a banquet honoring MSPE's history. Third times the charm, right?

MSPE has recently been able to enhance its way of communicating with members through various technologies. About a year ago, we launched a LinkedIn page and have seen tremendous engagement. Stay connected with MSPE by following us on LinkedIn @michiganspe. In addition, the President has been doing quarterly video updates, rather than written reports. We plan to continue this initiative into Jim Kirkwood's presidency.

Finally, this is the end of my time as MSPE Executive Director. From the birth of my son to surviving and thriving with MSPE during a global pandemic, I will forever carry good memories of the 3.5 years I spent working with MSPE and its members. I ask that you extend to my replacement, Amy Jones, the same level of engagement and kindness that you have shown me during my time with MSPE.

Thanks for the Memories!

Katy Winnett

Teller's Report

President

Jim Kirkwood, PE

Automatic

President Elect

Kurt LaFrance, PE

Treasurer

Martha Thompson, PE

Automatic

Secretary

Mick Vargas, PE

Vice Presidents:

Scott Assenmacher, PE

Eastern Region

Automatic

Garrett Day, PE

Mid-Michigan Region

Bob Nelesen, PE

Northern Region

Tanner Kragenbrink, PE

Thumb Region

Automatic

Debbie Dawson, PE

Western Region

Mike Schwartz, PE

Sixth Vice President

Automatic

NSPE Delegate

John Condie, PE

Automatic

Immediate Past-President

Donald F. Nedervelt, PE

Automatic

2022 Annual Business Meeting Agenda

Friday, May 6, 2022 – 8:30 AM to 9:15 AM

Shanty Creek Resort, Bellaire, Michigan

- 8:30 AM Order of the Engineer Ceremony (D. Dawson) – 15 minutes
- Invocation (N. Uddin)
- 8:45 AM Call to Order of the 74th Annual Business Meeting of MSPE (D. Nedervelt) – 5 minutes
- Moment of Silence for Deceased Members (D. Nedervelt)
 - Roll Call (M. Vargas)
- 8:50 AM Officer / Committee Reports – 5 minutes
- Minutes from May 5, 2021 Annual Business Meeting (M. Vargas) – Action Needed
 - Approval of the Financial Report (M. Thompson) – Action Needed
 - MSPE Bank Accounts Resolution (M. Thompson) – Action Needed
 - Review / Questions on Board & Committee Reports (previously submitted) (D. Nedervelt)
- 8:55 AM Teller’s Report (M. Vargas) – Action Needed – 10 minutes
- Installation of New Officers (T. Hatley)
- 9:05 AM Remarks
- Remarks from New Past President (D. Nedervelt)
 - Remarks from Newly Elected President (J. Kirkwood)
 - Adjournment of Annual Business Meeting – Action Needed

2021 Annual Business Meeting Minutes

May 5, 2021

Virtual Meeting

1. Call to Order of the 74th Annual Business Meeting of MSPE
 - Ivan Ivanov called the meeting to order at 12:43 PM. At the time of commencement of the meeting 47 members were in attendance. Mick Vargas did a roll call of current board members, only Garrett Day was absent. Ivan Ivanov led a moment of silence for members deceased within the past year.

1. Officer / Committee Reports
 - The minutes from the May 6, 2020 virtual Annual Business Meeting were presented for approval by Secretary Mick Vargas. There were no member questions. It was moved by Bob Uddin and supported by Don Nedervelt to approve the minutes, and the motion was passed unanimously.
 - The 2020 financial report was presented for approval by Treasurer Kurt LaFrance. There were no member questions. It was moved by Don Nedervelt and supported by Bob Nelsen to receive the financial report, and the motion was passed unanimously.
 - Treasurer Kurt LaFrance read the following resolution into the record: Be it resolved that I, Kurt LaFrance, have been named a Trustee for Building Fund Advisory Committee in place of Martha Thompson. Josh Szymanski and Phil Porte will continue to serve as Trustees. Martha Thompson will serve as an ex-officio member per her nomination as MSPE Treasurer.
 - Treasurer Kurt LaFrance read the following resolution and asked for approval: Be it resolved that Treasurer Martha Thompson, President Don Nedervelt, and Secretary Miguel Vargas are empowered to sign checks and transact financial business on behalf of the Michigan Society of Professional Engineers. It was moved by Robert Uddin and supported by Debbie Dawson to approve the resolution, and the motion passed unanimously.
 - Board and committee reports were included in the agenda packet that was distributed electronically to the membership.
 - Correction on page 18: The date of the NSPE Annual Conference is August 3-5, the HOD meeting will be virtual on July 10.

2. Teller's Report
 - Secretary Mick Vargas presented the Teller's Committee report. The slate of officers was elected by ballot and are detailed in the meeting agenda packet. It was moved by Tom Wheat and supported by Ivan Ivanov to accept the Teller's Committee report, and the motion was passed unanimously.

3. Installation of Officers
 - Rick Guerra, NSPE, performed the installation ceremony for the 2021-2022 officers.

4. Remarks

- President Ivan Ivanov gave remarks.
- Incoming President Don Nedervelt gave remarks.
- The meeting was adjourned at 1:10 PM.

Treasurer's Report & MSPE Financial Statement

For the Year Ending December 31, 2021

Submitted by Martha Thompson, PE

May 6, 2022

A. Status of Accounts at Fifth/Third Bank:

	<u>Dec. 31, 2020</u>	<u>Dec. 31, 2021</u>
General Checking	\$164,852.25	\$205,988.28
Michigan Engineers Foundation (MATHCOUNTS)	\$10,257.12	\$17,684.15
MSPE PAC	\$3,966.19	\$5,038.51
MSPE Scholarship Checking	\$527.18	\$694.18
PayPal	\$251.19	\$1,606.00
Anedot	\$0.00	\$0.00
Total	\$179,853.93*	\$231,011.12
Net change		\$51,157.19

**Total provided in the 2020 Annual Report is less because it did not include the MSPE Scholarship Checking account balance.*

B. Building Fund:

The MSPE building at 215 N. Walnut Street in Lansing was sold in 2018 and the proceeds of \$243,528.25 were invested with Fidelity at the direction of the Building Fund Advisory Committee (BFAC). The balance of the MSPE Building Fund as of December 31, 2020, was \$335,551.84. As of the end of 2021, the MSPE Building Fund had a balance of \$389,595.05, for an annual gain of \$54,043.21. The BFAC was not requested to provide operating revenue to MSPE in 2021.

C. Scholarship Fund:

The MSPE Scholarship Fund is invested with Nicholas Funds. The balance as of December 31, 2020, was \$262,633.06. As of December 31, 2021, the balance was \$321,262.60, for a gain of \$58,629.54. The Scholarship Trustees provided \$16,850 from the Nicholas Funds to the Scholarship checking account to fund scholarships in 2021, of which \$1,600 was used to cover accounting fees for preparing and filing annual IRS forms and annual State of Michigan reports for the MSPE Scholarship Fund. Additionally, the MSPE Scholarship Trustees met in April 2021 and decided that the annual contribution to the Scholarship checking account to fund scholarships moving forward would be 5% of the account balance based on the year end statement for the previous year, to ensure long term sustainability of the investment.

D. Profit & Loss Statement:

We ended the year with an operating gain (not including the MSPE Building Fund or MSPE Scholarship Fund) of \$48,541.37. Our income was \$157,038.00 and our expenses were (\$108,496.63).

E. **Chapter Subaccounts:**

MSPE is administering the funds for chapters that do not have an active 501(c)(6) tax determination from the IRS. These funds are available for use by the chapters with submission of receipts and are reported to the IRS on MSPE's tax filings. The chapters maintain the following balances with MSPE:

Chapter	12/31/21 Balance
Blue Water	825.00
Capital Area	1,335.00
Detroit Metro	5,231.20
Great Lakes Bay	3,808.28
Northern	1,845.00
Total	\$13,479.48

Strategic Plan 2020-2023

A new strategic plan was approved by the Board of Directors on April 1, 2020.

Vision

A world where the public can be confident that engineering decisions affecting their lives are made by qualified and ethically accountable professionals.

Mission

To foster licensed professional engineers in service to society.

Values

1. Protection of the public health, safety, and welfare above all other considerations
2. Be the recognized expert in licensure, ethics, and competent practice of engineering
3. PE license is the highest standard of professionalism in engineering
4. Continuous learning for professional growth
5. Commitment to the future and growth in the number of licensed Professional Engineers
6. Teamwork, unity, and fellowship of all Professional Engineers across all disciplines
7. Innovation through the creative application of math, science, and engineering
8. Promote and expand the awareness of the engineering profession
9. Foster diversity and inclusion to ensure the profession is a reflection of society

Goals

In order to meet its Mission, MSPE has established the following goals:

1. Improve membership engagement through networking, leadership, and educational opportunities
2. Increase engagement and communication at all levels of our organization
3. Increase membership in all forms
4. Protect licensure for the Professional Engineer
5. Raise the profile of the Professional Engineer
6. Financial sustainability for MSPE
7. Continue building on our digital presence, while honoring MSPE history and legacy

Objectives and Strategies

To meet the stated goals, MSPE has established the following objectives and action strategies:

1. Improve membership engagement through networking, leadership, and educational opportunities
 - a. Provide a minimum of eight (8) PDH hours at each annual conference
 - b. Explore additional statewide continuing educational opportunities
 - c. Communicate regularly with members via newsletters and social media
 - d. Regularly maintain and update website
 - e. Encourage MSPE awards and fellow participation
 - f. Encourage young engineers' involvement at the state and chapters levels
2. Increase engagement and communication at all levels of our organization

- a. Encourage members to participate at the board and committee levels
 - b. Provide annual training for state and chapter officers
 - c. Encourage Regional Vice Presidents to communicate and engage with their chapters
 - d. Increase the visibility of Frontline with MSPE members
 - e. Send a summary of board activities to chapter presidents and Regional Vice Presidents
3. Increase membership in all forms
 - a. Increase overall membership by at least 2%-5% per year
 - b. Improve outreach to student members
 - c. Encourage young engineers to participate in MSPE and attend MSPE events
 - d. Assist in the reinvigoration of inactive MSPE chapters
4. Protect licensure for the Professional Engineer
 - a. Promote at least one legislative function per chapter each year
 - b. Develop PE license enforcement and engineering ethics position to assist State officials
 - c. Attend state PE Board meetings
 - d. Provide technical guidance to other agencies and associations
5. Raise the profile of the Professional Engineer
 - a. Increase participation in Legislative Day by at least five (5) new members per year
 - b. Increase engagement with the broader engineering community
 - c. Increase student engagement
6. Financial sustainability for MSPE
 - a. Increase non-dues revenue by 25% each year
 - b. Obtain basic tier status with NSPE
 - c. Review expenditures to ensure they match our values
 - d. Strategically allocate any increased revenue
7. Honor the MSPE legacy and create a stronger digital presence
 - a. Perform inventory of MSPE's physical possessions and historical items
 - b. Continue with a healthy and informative web presence
 - c. Digitize historic MSPE documents
 - d. Create portable banners with MSPE historical photographs and information
 - e. Create a plan for asset disposal

Regional Reports

Eastern Region

Detroit Metro Chapter:

No report submitted.

Southeastern Chapter:

Submitted by Mick Vargas, PE & Kate Hennicken, PE

Even with the challenges brought about by COVID-19, the 2021-2022 administrative year was again one of continued stability and activity within the Southeastern Chapter. As has been the case for several years, the Chapter has been fortunate to be served by a core group of roughly 15 members that attend most functions and continue to provide the vitality that is often lacking in other groups of this type. The signature scholarship program continues to thrive, and the endowment continues to grow, while the Chapter is still able to maintain its consistent level of sponsorship from year to year. Membership has increased this year, with a gain of twelve (12) members this year to 58 total at the present time. The MATHCOUNTS program continues to be strong, though participation was still down a little from normal this year because of COVID-19 impacting some schools. The official platform was virtual, but the Chapter hosted an in-person competition that was nearly identical to a typical year. Nine (9) of the of twelve (12) registered schools participated in the in-person competition, with the others participating virtually only. The top four (4) students advanced to the State Competition at Saginaw Valley State University on March 12, and since we held an in-person competition we were allowed to advance the top in-person team (Mason) and the top virtual team (Bedford). The Chapter also assisted the Salvation Army with its annual holiday campaign, raising \$663 this year.

Mid-Michigan

Submitted by Garrett Day, PE

Capital Chapter:

No report submitted.

Jackson Chapter:

Coming off of a year that ended up with the majority of meetings and events cancelled due to the pandemic, in the 2021-2022 chapter year, the Jackson Chapter found a way to hold several in person events and got one step closer to normalcy as COVID-19 restrictions were lifted. The chapter year started with a record-breaking Golf Outing that raised nearly \$6,000 for the Scholarship Fund. For Engineers Week, a dinner was held to recognize one Young Engineer of the Year and seven Engineers of the Day, as well as providing a continuing education opportunity for its members. The chapter hosted one of the two in-person MATHCOUNTS competitions in the state with a very solid showing from our local students, with two teams qualifying for the state competition. To conclude the year, the chapter plans on holding an Administrative Professionals lunch to recognize those who play critical roles in the success of all the chapter's engineers. The chapter will wrap up its year by hosting a President's Night

dinner and Scholarship Award reception to celebrate the four scholarship winners and to swear in the newly elected officers for the 2022-2023 operating year.

Northern Region

Submitted by Bob Nelesen, PE, MBA

No report submitted.

Thumb Region

Submitted by Tanner Kragenbrink, PE

Blue Water Chapter:

The Blue Water Chapter was able to host one lunch and learn in December with Advanced Drainage Systems, but no other events were held due to Covid restrictions. We currently have 30 active members within the organization and have an account balance of just over \$800.

Flint Chapter:

The Flint Chapter held monthly virtual board meetings throughout the year. The annual scholarship golf outing was postponed from May 2021 to August 2021. One scholarship was awarded to a local student pursuing an engineering education. The Flint Chapter took a tour of the Bay City Northern Concrete Plant in October. They and other invited guests were guided through the plant while observing the concrete pipe creation process and were also hosted with a dinner in Bay City. The annual scholarship golf outing is planned for May 2022 and the new officers will be inducted in June at the Scholarship luncheon.

Great Lakes Bay Region Chapter:

No report submitted.

Western Region

Muskegon Chapter:

The Muskegon Chapter's 29 members were unable to hold any chapter meetings this year due to Covid restrictions. The chapter did however host 49 students from 7 schools in a virtual MATHCOUNTS competition and awarded over \$3000 in scholarships last year; this year's recipient will be announced in May. Our chapter is in a stable financial condition with over \$2000 in chapter funds and \$38,000 in the scholarship fund.

Southwestern Chapter:

The Southwest Chapter is in a strong financial position this year with a \$4,000 increase year over year. We are over 80 members strong and were thankfully able to hold our annual golf outing last September. In February, we welcomed Gavin Brown, Executive Director of the Michigan Aerospace Manufacturer's Association, for an engineer's week celebration. Eighty students from 10 schools participated in the

MATHCOUNTS competition this year (thank you to Tom Wheat for coordinating); and we expect to award chapter scholarships to applicants who were not selected at the state level.

Western Chapter:

No report submitted.

NSPE House of Delegates Update

Submitted by John A. Condie, PE, F.MSPE

NSPE 2021 – House of Delegates (HoD) General Assembly (Virtual)

N. Robert Uddin attended the HoD General Assembly meeting held virtually on July 10, 2021, via video conference. The meeting was called to order at 1:20 PM EDT by NSPE 2020-2021 President-Elect Rick J. Guerra, PE, FNSPE. Roll call was conducted via online voting; a quorum was present. The Assembly agenda was reviewed and approved by unanimous consent. Electronic Meeting Standing Rules of Order were approved by unanimous consent.

Election of Officers

NSPE Vice President Election – William E. Atkinson, PE was elected by unanimous consent.

NSPE Treasurer Election – Votes were cast electronically for Harry D. Gong, Jr., PE, FNSPE and Robert H. Price, PE, FNSPE; Robert H. Price, PE, FNSPE was elected by the delegates.

Board of Directors Election:

Randal J. Braker, PE, FNSPE – 2021-2023 Director, Interest Group
Laura Pellizzi, PE, FNSPE – 2021-2023 Director, Northeast Region
Benjamin T. Railsback, PE, FNSPE – 2021-2023 Director, Southwest Region
K. James Taylor, Jr., PE – 2021-2023 Director, New Professionals
Robert Uddin, PE, FNSPE – 2021-2023 Director, Central Region

The House of Delegates approved the slate of regional and interest group directors by unanimous consent.

Candidate Screening Committee Ratification:

Tricia H. Hatley, PE, FNSPE – Chairperson
Susan L. Best, PE, FNSPE – Northeast Region
Betty Jean Jordan, PE – Southeast Region
Medhi Khalili, PE, FNSPE, QSD – Western & Pacific Region
Claude (Bud) H. Hurley, PE, FNSPE – Central Region
Matthew D. Seidel, PE – North Central Region
Keith D. Beatty, PE, FNSPE – Southwest Region

The House of Delegates ratified the 2021-2022 Candidate Screening Committee as presented by unanimous consent.

The meeting was adjourned at 3:25PM EDT.

Central Region Meetings

Throughout the 2021-2022 year, I attended monthly meetings as the Michigan representative to the NSPE House of Delegates. Meetings (virtual conference calls via Zoom) were typically held on the first Thursday of each month from noon to 1PM (eastern time) and facilitated by Robert Uddin, PE, F.MSPE.

NSPE Leadership Pipeline Initiative – Building a Stronger Pathway to Volunteer Leadership for States and National

Participated in a survey and initial workshop on March 1, 2022, related to identifying and cultivating new and future leaders at the national, state, and local levels.

2022 – NSPE House of Delegates General Assembly

Will be conducted virtually on June 30, 2022, from 2:00 to 4:00PM EDT.

2022 – NSPE Annual Conference

Harnessing the Power of PEs to Create a Better World will be in person on August 1 through 3, 2022 in Philadelphia, PA.

Term of Office

This is the first year of my term; I will be serving through the NSPE House of Delegates meeting in 2023.

Committee Reports

Awards Committee

Submitted by Patrick Lewis, PE

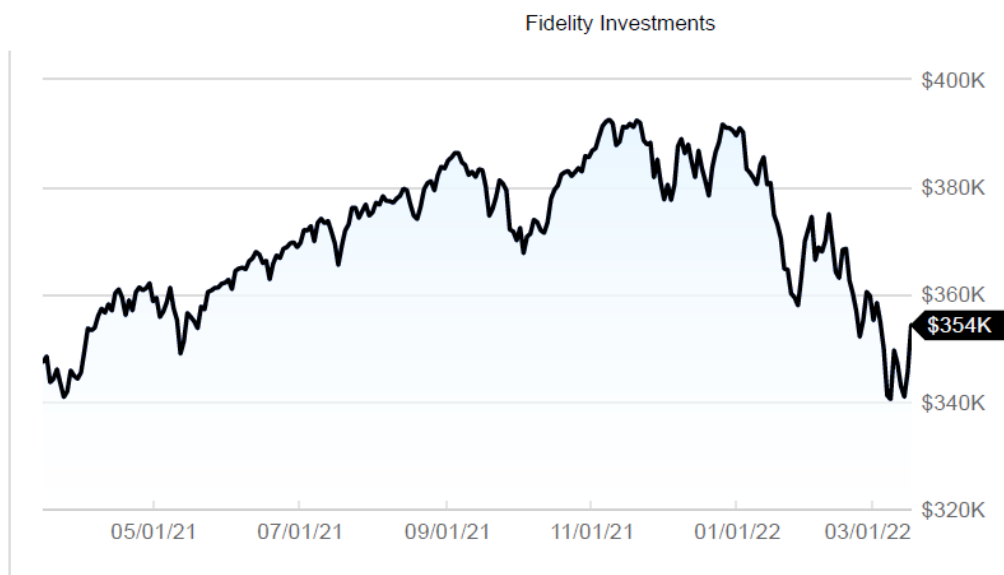
The Awards Committee reviewed annual reports from the five (5) chapters that submitted complete documents, and reviewed applications for Engineer of the Year and Young Engineer of the Year. Chapters were divided into small and large chapters, with awards given in seven (7) categories: Programs, Scholarship, Membership, Legislative, Newsletter / Communications, MATHCOUNTS, and Overall Activity. Lastly, the top chapter across both size groupings is awarded the “Big Mac” award for the year. The Engineer of the Year and Young Engineer of the Year will be announced at the annual conference, as will the Chapter award winners. Committee members include Jeffrey S. Elliott, PE, Thomas Wheat, PE, and Nancy McClain, PE.

Building Fund Advisory Committee

Submitted by Josh Szymanski, PE

The Building Fund Advisory Committee exists to oversee the investment proceeds following the sale of the MSPE Walnut St. Office Building in 2018. The committee is established by Bylaw 12 and guided by the board approved Investment Policy Statement (IPS). The committee continues to meet quarterly and monitor performance. A monthly reporting structure exists with distribution to Martha Thompson, MSPE treasurer, and accountant Mary Beth Schenden. The fund balance as of March 15, 2021, the previous annual report, was \$347,088. Over the past 12 months, there were no requests for distribution and the fund distributed \$0 to the MSPE general fund. The fund distributes based on annual request of the MSPE treasurer and in accordance with the Bylaws.

12Mo Balance & Performance Activity – Fidelity MSPE account



The fund balance stands at \$354,312 as of this report (March 17, 2022). The fund consistently increased in value in Q2, Q3 2021, peaking around \$391,000 in Nov 2021. The equities market has experienced a broad retreat in Q1 2022, largely resulting from volatility surrounding the omicron wave of COVID-19 and the Russia Ukraine conflict. At the date of this report, the fund balance was only up 2% from March 2021, but we do anticipate a return to growth and beginning or year highs as public health and geopolitical impacts eventually recede. The fund also slants slightly higher in cash holdings and slightly lower in bond holdings (while remaining within the Investment Policy Statement limits) as bonds continue to underperform in what is very likely a continuing rising interest rate environment. Based on the fundamentals of the investments and the sustainable nature of the IPS, the committee remains confident that this fund will continue to perform its function and distribute a percentage of proceeds (up to 4% annual fund balance) to the society indefinitely.

Committee Members include:

Josh Szymanski, PE, Chair

Kurt LaFrance, PE

Phil Porte, PE,

Martha Thompson, PE, F.MSPE, F.NSPE – Ex Officio Member

By-laws and Operating Procedures Committee

Submitted by Patrick Lewis, PE

Generally, the By-laws and Operating Procedures Committee only convenes when changes to the MSPE governing documents are deemed necessary by the Board. During the 2016-17 Administrative Year, these governing documents were completely revamped in order to “streamline governance and operations” and for consistency with the NSPE model documents. Amendments to the By-laws now require only a two-thirds vote of the Board, while the Operating Procedures can be amended by a majority vote of the Board.

While some revisions were made and adopted near the end of the 2020-21 administrative year, there were no changes desired by the Board during the 2021-22 administrative year, and thus the committee did not meet. Committee members include Martha F. Thompson, PE, and N. Robert Uddin, PE.

Education Committee

Submitted by Katy Winnett

The 2022 Annual Conference is finally back in person. It will be held May 4-6, 2022, at Shanty Creek Resort in Bellaire, MI. The conference will offer up to 8 PDHs, in-person networking, a golf outing, 75th anniversary banquet (postponed from 2021), award winners, Order of the Engineer, and more.

The 2023 conference is not yet scheduled.

Legislative & Governmental Affairs Committee

Submitted by Robert Wheeler, PE

The Legislative and Governmental Affairs (L&GA) Committee met via conference call and communicated via email during the year. The committee also includes all members of the PAC Board so that the two groups can actively discuss legislation and potential legislator support. The PAC Board continues to vote autonomously regarding candidate donations. The Chair position on this committee runs in conjunction with the Michigan Legislative cycle for continuity. The next Chair will take over in January 2023.

The L&GA Committee also works through the Architects, Engineers, and Surveyors Joint Legislative Coalition (AESLC) through our delegates Robert Wheeler, PE, John Condie, PE; Leanne Panduren, PE; Jay Wheeler, PE and Ryan Roth (Frontline). AESLC consists of representatives from MSPE, AIA-M, ACEC-M and MSPS and meets regularly with our lobbyist (Kelley Cawthorne) to discuss issues that the coalition wants to monitor/push during each legislative session. In addition, this allows the groups to collaborate on the use of PAC funds and making our limited funds have greater impact.

The 2021-2022 cycle has been an active one for MSPE with continued work to support our Quality Based Selection legislation. This has been an ongoing battle for our organization, and we have had years of meetings with committee members and other legislators. We were able get the bill passed out of Committee and through the senate this year with support and it is awaiting comments in the house committee. We have also spent considerable time meeting with legislators regarding bills we opposed as written that diminish the standing of engineers in the design/build space. There are conflicts of interest as well as existing legislative conflicts in the bill. Membership action has been requested to stop progress on the bill in the house. Transportation funding continues to be a hot topic in the last year and the L&GA committee has been active in conversations with legislators to weigh in on any activities.

We hoped to see movement on the bills we are focused on when session resumed in early 2022; however, other topics have taken precedence. Over the next several months, legislators will be focused on the Primary and November elections. Due to redistricting, there are many primary races and several open seats. Projected winners and their impacts are being assessed by our lobbying firm and discussed at the committee level. We will be preparing for another lame duck session at the end of the year.

While the committee discussed many bills that were introduced, following is a list of those we were actively working on over the past year:

- SB642 – QBS Legislation
- HB 5538 – Design Build
- HB 4523 & HB 4524 – Road Classification and Funding

The 2022 AESLC Legislative Day was held virtually again this year due to COVID concerns. However, the coalition held an in-person event in Lansing at Kelly Cawthorne's building for members to speak with legislators. The event was highly successful in pursuing the relationship building goals of our organization.

MATHCOUNTS Committee

Submitted by Nancy M. McClain, PE, F.NSPE, F.MSPE

The State Competition was held at Saginaw Valley State University on Saturday, March 12th. There were 106 students representing our 14 Chapter Competitions. The following Mathletes finished in the top four places of the Countdown Round and will represent Michigan at the National Competition in Washington, DC, May 8th & 9th:

- Calvin Garces City High/Middle School (Grand Rapids), 8th Grade
- William Dong, Boulan Park Middle School (Troy), 8th grade
- Rishabh Mahale, Chippewa Middle School (Lansing), 8th grade
- Luke Furness, Furness Homeschool (Grand Rapids), 8th grade
- Coach Mark Martin, Boulan Park Middle School (Troy)

Due to coordination considerations from COVID-19 pandemic, the official Chapter Competitions were all held online this year. However, 3 of our Chapters - Big Rapids, Jackson, and Southeast - were able to take advantage of the Bonus Competition format allowed by National for their chapters. Through this format, some of the students were able to compete in person for the first time since the Chapter Competitions in February of 2020.

The 2021 Michigan Team of Henry Jiang, Brian Zhang, Michael Lu, and Elita You finished 7th overall in National Competition, which was held virtually. Henry Jiang just missed the national Countdown Round with a 13th place finish out of 224 Mathletes.

I would like to personally thank Pat Lewis, Martha Thompson, Brian Vokal, Don Nedervelt, Steve Bouws, Mick Vargas, Rob Wheeler, Fernando Arze-Peredo, Pam Lemme and Leanne Panduren for their assistance at the state competition and the young volunteers that they brought with them. These are our folks who come through for this program. Without volunteers in these roles, we could not bring this opportunity to the students.

Membership Committee

Submitted by Michael Schwartz, PE

The Membership Committee met via phone quarterly over the past year. The group is comprised of 36 people and includes chapter membership chairs, chapter presidents, regional VPs, and a few at-large personnel. Typical meetings were attended by generally 8-10 people throughout the year. As of March 2022, MSPE had 965 members, which is a decrease of 29 members from March 2021 (994 members). Of the 965 members, 585 are standard or enterprise member, 181 are student members and the remaining 199 are retired or life members. Even though we had a decrease of 29 members, these were generally student members and life members that decreased, and we had an increase of 9 new standard/enterprise members. The student group is large and fluctuates regularly, as the high school scholarship application requires high school students to join. This also effects why we have a large drop rate each year. We are optimistic that we are beginning to reverse the trend of lost membership from

2017 where we had a low of 554 standard/enterprise members. Over the next year we hope to improve upon the following:

5. Continued tracking on a quarterly basis membership trend (chapter membership, standard member, etc.)
6. Reducing the number of “unassigned” members to actual chapters (currently 63 although almost everyone is a student member)
7. Increase Standard and Enterprise members (currently 585)
8. Reach out to past MSPE members that are PE and EITs and ask them to rejoin.

Per the February 2022 NSPE membership report:

- We Rank 5 in the most Life members (we were 6th in 2021)
- We Rank 6 in the most Retired members (we were 7th in 2021)
- We Rank 4 in the most Student members (we were 2nd in 2021)
- We Rank 6 in the most Paying members (we were 6th in 2021)
- We Rank 4 in the most Overall members of any state (we were 5th in 2021)
- We Rank 8 in the percentage of engineers that are members (we were 10th in 2021)
- There are 9,014 Engineers in the state – and 8.0% are MSPE members

Per NSPE data, excluding students, retirees, and life members:

- Number of new members FY2022 YTD = 30
- Number of new members FY2021 = 58
- Number of new members FY2020 = 48
- Number of new members FY2019 = 51

Our retention rates over the past years are as follows:

- FY 2021 = 92.3%
- FY 2020 = 88.9%
- FY 2019 = 92.3%

PAC

Submitted by Jay C. Wheeler, PE

The MSPE PAC remains a vital part of our society. We responded to several requests within the past year to legislators in key positions to help support our lobbying efforts. All checks received by our PAC are from individual donors. The PAC Board meets on a quarterly basis and on an as-needed basis to vote and disburse funds. Our starting balance on March 31, 2021 was \$5,038.51 and our ending balance on March 31, 2022 was \$5,756.21. We are currently fund raising and working with our MSPE Lobbyist and AESLC Committee to identify opportunities to gain maximum impact for the MSPE membership. New for 2022; PAC donations from individual donors may be made online via the MSPE website.

Personnel Committee

There are no personnel changes to report.

Scholarship Committee

Submitted by Don Nedervelt, PE, F.MSPE

Each year the MSPE Scholarship Committee evaluates and awards scholarships to several high achieving students, focusing primarily on graduating high school seniors planning to attend a Michigan ABET accredited college engineering program starting in the fall semester. This year, 79 graduating high school seniors applied for 22 scholarships valued at \$34,500, with \$15,250 of the total amount funded by MSPE. In addition to MSPE, the scholarships were sponsored by Grand Valley State University, Kettering University, Lake Superior State University, Michigan Technological University, Saginaw Valley State University, University of Michigan – Ann Arbor, Wayne State University, Western Michigan University, and University of Michigan – Dearborn.

In January 2022, an updated application form was made available in SmarterSelect for student application management. Student applications were due by February 15, 2022. The Scholarship Committee is in the process of scoring the applications, followed by award selection. Letters will be sent out notifying the winners by late May 2022.

This year's scholarship program was well received by participating universities and colleges and was a success. While the general number of applications for the program continues to fluctuate, this year witnessed a leveling off in completed applications as shown below:

- 2010 – 224 applicants
- 2011 – 236 applicants
- 2012 – 117 applicants
- 2013 – 91 applicants
- 2014 – 78 applicants, with none from the At Large areas
- 2015 - 105 applicants
- 2016 – 126 applicants
- 2017 – 74 applicants
- 2018 – 113 applicants
- 2019 – 138 applicants
- 2020 – 110 applicants
- 2021 – 77 applicants
- 2022 – 79 applicants

In the fall of 2021, the Scholarship Committee established a task force to review the application scoring process which included updates to the SAT points table, updates to the application, and a complete revision to the scoring instructions. The updates were completed in time for this year's scholarship program.

Strategic Plan & Goals

Submitted by Ivan Ivanov, PE

During the 2021-2022 period, we continued to monitor and facilitate progress of various strategic plan goals. Don Nedervelt (President), Jim Kirkwood (President-Elect), Katy Winnett (Executive Director), and I met periodically to prioritize activities and find opportunities and resources for accomplishing the plan's objectives. The COVID-19 pandemic continued to limit society members' ability to meet in-person for planning, fellowship, and traditional activities like chapter meetings, MATHCOUNTS, eWeek, and scholarship fundraisers. This caused us to focus on strategic plan aspects related to membership engagement and activities easily accomplished through virtual and electronic communication means.

FrontlineCo continued to maintain a healthy and informative web presence via our website <https://www.michiganspe.org/>, LinkedIn, Facebook, and Twitter. We contacted non-members who attended the 2021 annual conference and invited them to join NSPE and MSPE. We created an "invitation to join" e-mail script that was promoted by Michael Schwartz among chapter membership chairpersons. An emphasis was placed on early and timely promotion of Engineer of the Year, Young Engineer of the Year, and MSPE Fellow awards among our chapters and members.

Past presidents' photos have been scanned and digitized for preservation of historical records, as well as for use in the 75th Anniversary celebration. Further sorting and digitization of saved records in our storage space is being planned for later in 2022.

Our advocacy efforts through the lobbyist and the annual "legislative day" meetings with state legislators have contributed toward the goal of protecting PE licensure. The Lobby Day event was all-virtual, and it was successful. MSPE's ethics position paper was sent and presented to the Michigan Board of Professional Engineers. Nancy McClain, who serves on this board, has been invaluable in connecting MSPE membership with the information the PE board wished to share with state-licensed PEs.

One initiative we ran was to provide information and tools for creation of student chapters at Michigan colleges and universities to MSPE chapter membership chairpersons and others with university connections. After outreach efforts at multiple universities, no new student chapters have been formed, but we planted the seed and have the information to promote this in the future. Besides student members, our strategic goals encourage all members to invite their colleagues, new PE licensees, and previous members to join or re-join MSPE.

An objective of improving engagement through networking, leadership, and educational opportunities is being accomplished through technical topics covered at chapter meetings and continuing education sessions at the MSPE annual conference. We are thrilled that the 2022 annual conference will be in person and as such, include typical networking and relationship-building opportunities.

In the upcoming year, we plan to continue pursuing strategic plan goals, while still allowing the plan to guide MSPE's future work. We are looking forward to more progress and visioning for the updated strategic plan in 2023.