



2022-2023 Annual Report

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.

Contents

President’s Report 4

Executive Director’s Report 5

Teller’s Report 6

2023 Annual Business Meeting Agenda 7

2022 Annual Business Meeting Minutes 8

Treasure’s Report & MSPE Financial Statement9

Strategic Plan 11

Regional Reports 13

NSPE House of Delegates Update 15

Committee Reports 17

President's Report

Submitted by James Kirkwood, PE, President

The warmth of spring weather is around the corner, and I cannot help but to think about getting outdoors again! Also, as the weather turns warmer planning for this year's annual conference is now underway, and for the most part finalized. This signals it is time to write the committee and presidents reports to be included in the MSPE annual report. It is also time to reflect on the activities for the year, our accomplishments and plans moving forward to the next chapter year.

As I think about this, I cannot help but to pause and reflect on all the encouragement, support, and help received over this chapter year. This support is from the MSPE Board members, committees, regional vice presidents, sponsors, general membership, and our partners with Frontline. To be able to operate an engineering chapter is truly a group effort by everyone. An organization where everyone works together toward common goals is a strong organization that will succeed now and into the future. The true mark of a strong organization comes from its membership. The Michigan Society of Professional Engineers has a strong membership base, and it is truly the heart of this organization.

This chapter year we were able to move forward with several of our key initiatives, these projects were the continued development of a new streamlined strategic plan that will focus on new membership development and revenue generation, looking at new ways to engage membership both at the local chapter level and at the state level, and continued research into a US Mail processing service. We also continued to encourage the newly appointed board position of New Professional. This board-appointed position was created to allow a new member of the MSPE to participate on the board to gain insight and better understand how the board works.

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, MATHCOUNTS®, Scholarships, and the Annual Conference. The success of all these programs is from an ardent base of membership getting involved and contributing. These are the efforts that make our chapter strong for all members and the professional engineering community. I encourage you to take time to read the committee reports citing the accomplishments for this year.

As president of the chapter, I am happy to also report to you our chapter has a strong financial base to easily support the activities and programs we have. The financial report for this chapter year is included for your review.

Moving forward into the next chapter year Kurt LaFrance will become president of the chapter, and I will move to the past-president position. Kurt is a familiar person to the board having served as treasurer for eight years with only a 1-year break from the board before being voted president-elect. Kurt's prior board experience plus his insight into the profession's challenges will be a great asset to our state section. Many of the current board members will also be returning for the next 2023–2024 chapter year. This continuity will offer a strong consistency and carry over of experience for next year's chapter leadership.

Executive Director's Report

Submitted by Ryan Roth, Executive Director, FrontlineCo

The 2022-2023 Society year was certainly one of change and transformation. Our director for the past 3.5 years left to pursue other opportunities leading me to take the helm of the organization after serving in an interim role.

The one constant in life is change, and Covid-19 drastically changed the way our world operates. Topics and ways of doing things that were cutting edge just a few years ago are now outdated and obsolete. While some high priority issues remain, others have surfaced that we as an organization need to identify and face if we are going to continue to thrive and prosper as a society and as a profession. That is why this summer, MSPE will craft a new strategic plan to meet the needs of Professional Engineers in the second quarter of the 21st century.

Other things however have not changed. MSPE's Legislative and Government Affairs Committee is still closely monitoring the Michigan legislature with our partners in the Architects, Engineers, and Surveyors Legislative Committee (AESLC). Kids are still participating in MATHCOUNTS competitions throughout the state and the country, and MSPE's scholarship committee is still awarding thousands of dollars to deserving students intent on becoming the next generation of engineers. Our membership committee is working diligently to maintain and attract new members, and perhaps most importantly, MSPE continues to be a financially strong organization.

Many of you are familiar with me while others are not, so a short introduction is in order. I grew up on a small family farm on the outskirts of Carrollton, IL. I later attended the University of Illinois at Springfield where I received a B.A. (*cum laude*) and M.A. in political science. After a decade working in and around state government, I started with MSPE in the fall of 2018, my main focus was to work on the advocacy side of things and perform other duties as assigned. Katy was an excellent person to work with and learn from; the two of us remain in contact. Since becoming Executive Director last fall, I have been very fortunate to have a trusted group of board members, committee members, and co-workers to keep me on track as I navigate my new role. My personal goal is to continue the level of service and professionalism MSPE members have grown to expect over the past 4 years.

Respectfully Submitted,

Ryan Roth

Teller's Report

President

Kurt LaFrance, PE

Automatic

President Elect

Brian Hannon, PE

Treasurer

Martha Thompson, PE

Secretary

Mick Vargas, PE

Automatic

Vice Presidents:

Kate Hennicken, PE

Eastern Region

Garrett Day, PE

Mid-Michigan Region

Automatic

Bob Nelesen, PE

Northern Region

Automatic

Tanner Kragenbrink, PE

Thumb Region

Debbie Dawson, PE

Western Region

Automatic

Mike Schwartz, PE

Sixth Vice President

NSPE Delegate

John Condie, PE

Immediate Past-President

Jim Kirkwood, PE

Automatic

2023 Annual Business Meeting Agenda

Friday, May 5, 2023 – 8:30 AM to 9:15 AM

Shanty Creek Resort, Bellaire, Michigan

- 8:10 AM Order of the Engineer Ceremony (N. McClain, D. Nedervelt, D. Dawson) – 15 minutes
- Invocation (D. Nedervelt)
- 8:30 AM Call to Order of the 76th Annual Business Meeting of MSPE (J. Kirkwood) – 5 minutes
- Moment of Silence for Deceased Members (J. Kirkwood)
 - Roll Call (M. Vargas)
- 8:35 AM Officer / Committee Reports – 5 minutes
- Minutes from May 6, 2022 Annual Business Meeting (M. Vargas) – Action Needed
 - Approval of the Financial Report (M. Thompson) – Action Needed
 - Review / Questions on Board & Committee Reports (previously submitted) (J. Kirkwood)
- 8:40 AM Teller’s Report (M. Vargas) – Action Needed – 10 minutes
- Installation of New Officers (B. Smith)
- 8:50 AM Remarks – 10 Minutes
- Remarks from New Past President (J. Kirkwood)
 - Remarks from Newly Elected President (K. LaFrance)
 - Adjournment of Annual Business Meeting – Action Needed

2022 Annual Business Meeting Minutes

May 6, 2022

Shanty Creek Resort, Bellaire, MI

1. Call to Order of the 75th Annual Business Meeting of MSPE
 - Don Nedervelt called the meeting to order at 7:50 AM. Don Nedervelt led a moment of silence for members deceased within the past year.

1. Officer / Committee Reports
 - The minutes from the May 5, 2021 virtual Annual Business Meeting were presented for approval by Secretary Mick Vargas. There were no member questions. It was moved by Scott Assenmacher and supported by Mike Schwartz to approve the minutes, and the motion was passed unanimously.
 - The 2021 financial report was presented for approval by Treasurer Martha Thompson. There were no member questions. It was moved by Scott Assenmacher and supported by Bob Nelesen to receive the financial report, and the motion was passed unanimously.
 - Treasurer Martha Thompson read the following resolution and asked for approval: Be it resolved that Treasurer Martha Thompson, President Jim Kirkwood, 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 Bob Nelesen and supported by Debbie Dawson to approve the resolution, and the motion passed unanimously.
 - Board and committee reports were included in the annual report which was distributed to the membership via email and posted on the MSPE website.

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 Bob Nelesen and supported by Mike Schwartz to accept the Teller's Committee report, and the motion was passed unanimously.

3. Installation of Officers
 - Trish Hatley, NSPE, performed the installation ceremony for the 2022-2023 officers.

4. Remarks
 - President Don Nedervelt gave remarks.
 - Ivan Ivanov presented a plaque to Don Nedervelt on behalf of President Jim Kirkwood.
 - The meeting was adjourned at 8:06 AM.

Treasurer's Report & MSPE Financial Statement For the Year Ending December 31, 2022

Submitted by Martha F. Thompson, PE, F.MSPE, F.NSPE

May 5, 2023

A. Status of Accounts at Fifth/Third Bank:

	<u>Dec. 31, 2021</u>	<u>Dec. 31, 2022</u>
General Checking	\$205,988.28	\$227,760.72
Michigan Engineers Foundation (MATHCOUNTS)	\$17,684.15	\$16,974.83
MSPE PAC	\$5,038.51	\$6,169.41
MSPE Scholarship Checking	\$694.18	\$1,604.06
PayPal	<u>\$1,606.00</u>	<u>\$0.00</u>
Total	\$231,011.12	\$252,509.02
Net change		\$21,497.90

B. MSPE Building Fund:

The MSPE building 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, 2021 was \$389,595.05. As of the end of 2022, the MSPE Building Fund had a balance of \$318,831.21, for an annual loss of \$70,763.84. The BFAC was not requested to provide operating revenue to MSPE in 2022.

C. Scholarship Fund:

The MSPE Scholarship Fund is invested with Nicholas Funds. The balance as of December 31, 2021, was \$321,262.60. As of December 31, 2022, the balance was \$254,933.39, for an annual loss of \$66,329.21. The Scholarship Trustees provided \$7,900 from the Nicholas Funds to the Scholarship checking account to fund scholarships in 2022. Additionally, a silent auction conducted during the 2022 Annual Conference resulted in \$1,365 in donations revenue to the MSPE Scholarship checking account.

D. Profit & Loss Statement:

We ended the year with an operating gain (not including interest or unrealized gains/losses on the MSPE Building Fund or MSPE Scholarship Fund) of \$19,981.76. Our income was \$145,518.66 and our expenses were (\$125,536.90).

E. Chapter Subaccounts:

MSPE is administering the funds for several inactive chapters that have revoked tax determination statuses from the IRS. These funds are available for use by the inactive chapters with submission of

receipts and upon approval by the Board of Directors. Revenues for subaccounts (e.g., annual dues) are reported to the IRS on MSPE’s tax filings. As of December 31, 2022, the inactive chapters maintain the following subaccount balances with MSPE:

<u>Chapter</u>	<u>12/31/22 Balance</u>
Blue Water	\$1,140.00
Detroit Metro	\$7,046.20
Capital Area	\$1,860.00
Northern	\$2,475.00
Great Lakes Bay Region	<u>\$4,153.28</u>
TOTAL	\$16,674.48

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 Mark J. Mathe

The 2022-2023 administrative year was again one of continued stability and activity within the Southeastern Chapter. 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 this size. Although chapter membership has dropped by four individuals over the past year, the scholarship program continues to thrive and MATHCOUNTS continues to be strong. Southeastern Chapter is well represented on the state board by Martha Thompson, Miguel Vargas and Scott Assenmacher who unfortunately passed away in early 2023 and was succeeded by Katherine Hennicken. Our members are also very active on a number of state committees.

Mid-Michigan

Capital Chapter:

No report submitted.

Jackson Chapter:

Submitted by Jonathan Wicks, P.E.

The Jackson chapter continues to support students in the pursuit of an engineering career through awarding scholarships and organizing our local MATHCOUNTS competition which witnessed significant growth this year. The chapter holiday party returned after a multi-year absence and our annual golf outing saw a record setting year for our scholarship fund. We experienced a surge of participation from new members taking on committee and board positions who are bringing fresh energy and ideas to our meetings.

Thumb Region

Blue Water Chapter:

MSPE Staff

Following two years of debate, the Blue Water Chapter leadership has requested dissolution as a chapter of MSPE due to lack of members. This matter is currently under review by the MSPE Board.

Flint Chapter:

Submitted by John Brady

The Flint Chapter met as needed in 2022 but intends to get back on a regular meeting schedule during the 2023-2024 year. Membership has increased by two in the past year. Our golf outing was held at a new location, the Briar Ridge Golf Course in Montrose which resulted in a doubling of teams from last year. We were fortunate to have a number of sponsors support our event. With the funds from our golf outing, we were able to award three \$1000 scholarships to deserving students. Our 16th annual golf outing is scheduled for May 19th. Members spoke to engineering students at the University of Michigan Flint this fall and provided tips for preparing for the FE exam. We intend to continue this practice into the future.

Great Lakes Bay Region Chapter:

No report submitted.

Western Region

Muskegon Chapter:

Submitted by Ivan Ivanov, P.E.

The Muskegon Chapter continued its strong support of scholarships, MATHCOUNTS, and a series of outstanding programs for our members. Chapter meetings were held regularly and paired with a tour or presentation and dinner. Our membership stands at 34 individuals as of April 2023 and a regular newsletter is sent to all members. We undertook the process of updating our chapter bylaws for the first time since 1979, a special thank you to Pat Lewis and the Southeast Chapter for helping with this project.

Southwestern Chapter:

Submitted by Michael Schwartz, PE

The Southwestern Chapter currently counts 84 individuals in its membership. The chapter is strong financially and is fortunate to have a number of dedicated individuals supporting our work. Tom Wheat marked his 10th year coordinating the MATHCOUNTS competition, Don Nedervelt again served as our Scholarship coordinator and Mike Schwartz counted his 21st year in organizing our chapter golf outing. Our golf outing raised \$5400 for chapter activities and we have to date raised over \$54,000 to fund scholarships for aspiring engineers. We are exploring the establishment of a student chapter at WMU School Engineering now that taking the EIT exam is a graduation requirement.

Western Chapter:

Submitted by Sara Soleau, P.E.

2022-2023 marked our 72nd year as a Chapter. We returned to regular in person meetings with a virtual options averaging 39 attendees thanks in large part to Brandon Briegel and his firm Buist Electric. Our 17th Annual Golf Outing was held on August 11, 2022 in support of our MATHCOUNTS competition and Scholarship Fund. This year's event raised approximately \$5,800. MATHCOUNTS was held at Grand Valley State University featuring 10 teams and over 80 participants. This year we awarded one scholarship for \$1500 to Hope College mechanical engineering and Physics student Joey Fogt. Our goal is to continue building our scholarship fund to provide multiple scholarships.

NSPE House of Delegates Update

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

NSPE 2022 – House of Delegates (HoD) General Assembly (Virtual)

John Condie attended the HoD General Assembly meeting held virtually on June 30, 2022, via video conference. The meeting was called to order at 2:03 PM ET by NSPE 2021-2022 President-Elect Britt Smith, PE, FNSPE. Roll call was conducted via online voting (using Govenda); a quorum was present. The Assembly agenda was reviewed and approved by acclamation. Electronic Meeting Standing Rules of Order were reviewed.

Election of Board of Directors

NSPE Vice President Election – Brian P. Malm, PE, was elected by acclamation.

NSPE Director, Member-At-Large Election – Votes were cast electronically for Michael C. Harris, PE, FNSPE and David L. McCullough, PE, FNSPE; Michael C Harris, PE, FNSPE was elected by the delegates.

Board of Directors Election:

Philip Gundvaldson, PE, Director, North Central Region

Susan Habina Woolard, PE, Director, Southeast Region

Thomas Headley III, PE, Director, Western and Pacific Region

Ben Amaba, PhD, PE, Director, Interest Group

The House of Delegates approved the slate of regional and interest group director candidates by acclamation.

Candidate Screening Committee Ratification:

Rick Guerra, PE, FNSPE – Chairperson

Larry Nelson, PE – Northeast Region

Harry Gong, PE, FNSPE – Southeast Region

Lewis Venard, PE, FNSPE – Western and Pacific Region

Samuel J. Reed, PE – Central Region

Johanna Malouff, PE – Southwest Region

Ron Black, PE – North Central Region

The House of Delegates ratified the 2022-2023 Candidate Screening Committee by acclamation.

The meeting was adjourned at 4:04PM ET.

Central Region Meetings

Throughout the 2022-2023 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 ET and facilitated by Robert Uddin, PE, FMSPE.

NSPE Leadership Pipeline: Building the Future with State and National Volunteers

Participated in virtual conversations (Zoom meetings on March 1 and May 1, 2023, from 2:00 to 3:30PM ET) regarding engaging and attracting future leaders.

2023 – NSPE House of Delegates General Assembly

Will be conducted virtually on June 29, 2023, from 2:00 to 4:00PM ET.

2023 – NSPE Annual Conference

NSPECON23 will be in person on August 2 through 4, 2023 in Louisville, KY.

Term of Office

This is the second year of my first term. I have agreed to serve another 2-year term through the NSPE House of Delegates meeting in 2025.

Committee Reports

Awards Committee

Submitted by Patrick Lewis, PE

The Awards Committee reviewed annual reports from the five (5) chapters that submitted complete documents in a timely fashion, 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 also include Jeffrey S. Elliott, P.E., Thomas Wheat, P.E., and Nancy McClain, P.E.

Building Fund Advisory Committee

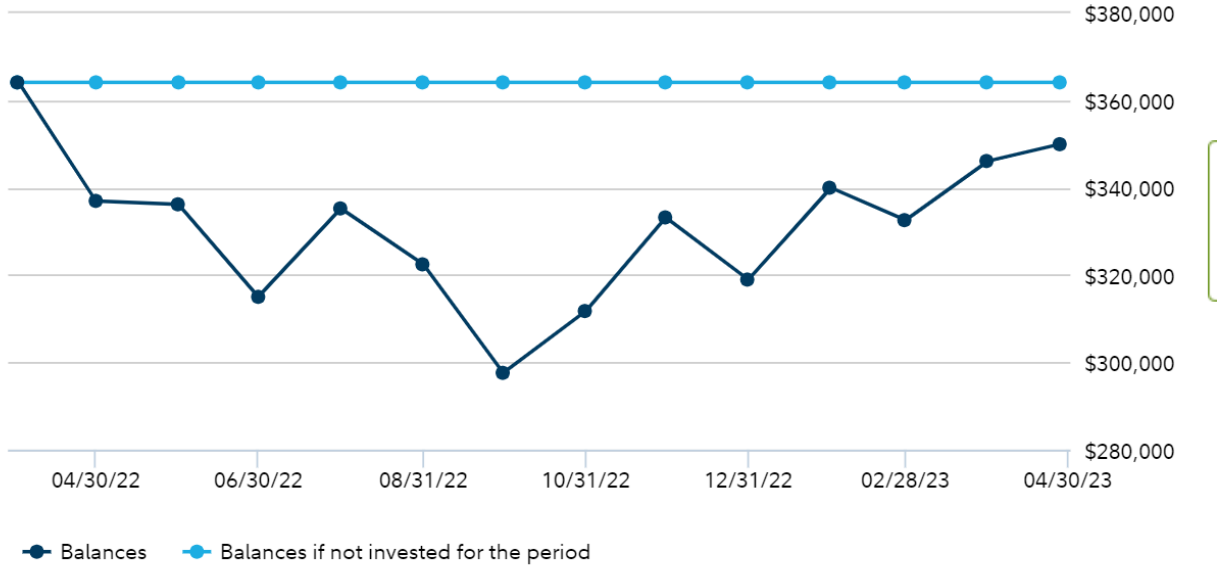
Submitted by Josh Szymanski, PE

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, 2022, the previous annual report, was \$354,312, and stands today, March 31, 2023, at \$346,109. 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.

Rate of return chart (Mar 31, 2023)

Rate of Return	1-mo	3-mo	YTD	1-YR	3-YR
	+ 4.07%	+8.51%	+8.51%	-4.95%	+12.68%

12Mo Balance & Performance Activity – Fidelity MSPE account



The fund balance stands at \$349,663 as of this report (April 28, 2023).

The fund saw a somewhat choppy performance in the past 12 months, marked by a low in October 2022 balance of \$296,945. This decline was reflective and consistent with the overall equities and bond markets, which declined through late 2022 as well. The fund has staged a recovery in Q1 of 2023 and the fund balance stands very near the value of 12 mo prior, in March 2022.

The fund has benefited from a focus on short-term bond funds in the bond category during a rapidly rising interest rate environment, as well as maintaining a cash balance at the higher end of the allowable limits as governed by the IPS. As interest rate hikes slow and market conditions stabilize the committee anticipates an improving market for equities and the fund overall as we move into 2024.

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, P.E., Chair
- Kurt LaFrance, P.E.
- Phil Porte, P.E.,
- Martha Thompson, P.E., 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.

There were no changes made to these documents during the 2022-23 administrative year. However, the chairman assisted the Muskegon Chapter with review of its proposed by-laws and operating procedures for consistency with the state documents and recent revisions to documents from other chapters. Committee members also include Martha F. Thompson, P.E., and N. Robert Uddin, P.E.

Education Committee

Submitted by Ryan Roth

The 2023 Annual Conference returns to the Shanty Creek Resort in Bellaire, MI. The conference will offer up to 8 PDHs, in-person networking, a golf outing, award winners, Order of the Engineer, and more.

The 2024 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 2024.

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 2022-2023 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. MSPE was able to get this bill through the

house and senate and onto the governor's desk. However, the governor chose to not sign bill due to concerns cited by the Department of Technology Management and Budget (DTMB). The Committee also spent considerable time meeting with legislators regarding bills 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 2023; A significant portion of the legislature is new this session and the committee and membership is focused on making those contacts through our Grass Roots List effort. Communications with the large group of new members of the legislature has been challenging for our lobbyists and committee members.

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

The 2023 AESLC Legislative Day was held virtually again this year due to allow for schedule flexibility. Attendance for this years event was quite low compared to the past participation levels. This was also true for legislators. The coalition also held an in-person event in Lansing at Kelly Cawthorne's building for members to speak with legislators. The event was marginally successful in pursuing the relationship building goals of our organization as the governor was pushing the legislature quite hard at the beginning of the year.

MATHCOUNTS Committee

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

The State Competition was held at the Cole Engineering Center on the campus of the GM Warren Technical Center on Saturday, March 11th. There were 134 students representing our 13 Chapter Competitions. The following Mathletes finished in the top four places of the Countdown Round and will represent Michigan at the National Competition in Orlando, Florida on May 14th & 15th:

- Patricia Mao, Boulan Park Middle School (Troy), 8th grade
- Vincent Pirozzo, Hart Middle School (Rochester Hills), 7th Grade
- Taiwen Feng, Boulan Park Middle School (Troy), 7th grade
- Ethan Wang, Boulan Park Middle School (Troy), 8th grade
- Coach Mark Martin, Boulan Park Middle School (Troy)

At the Chapter level, there were 860 students registered for the competition, representing 93 schools across the state. Our registration number are still down from before the pandemic due to school restrictions on participation outside of the school and other factors, however, we are rebounding from our low in 2021. In 2019 we had 1032 students from 120 schools, that had dropped to 660 students from 85 schools.

The 2021 Michigan Team of William Dong, Luke Furness, Calvin Garces, and Rishabh Mahale finished 25th overall in National Competition, which was held in Washington, DC.

I would like to personally thank Pat Lewis, Steve Bouws, Tom Wheat, Pari Nayak, Rob Wheeler, Fernando Arze-Peredo, and Pam Lemme 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. In addition, we were once again hosted by General Motors, who not only provided a great location for the competition, but also 36 volunteers, lunch for the participants, and a wonderful photographer for the event. We are fortunate to have their sponsorship for our odd-numbered State Competitions.

Membership Report

Submitted by Michael Schwartz, PE

The Membership Committee met via phone quarterly over the past year. The group is comprised of 41 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 2023, MSPE had 907 members (per March's 2023 NSPE Membership Data). Of the 907 members, 559 are standard or enterprise member, 178 are student members and the remaining 170 are retired or life members. Even though we had a decrease of members, these were generally student members and life members that decreased. 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. Over the next year we hope to improve upon the following:

1. Continued tracking on a quarterly basis membership trend (chapter membership, standard member, etc.)
2. Increase Standard and Enterprise members.
3. Reach out to past MSPE members that are PE and EITs and ask them to rejoin.
4. Develop a membership campaign.
5. Develop an understanding of a "Foundational Experience" for all MSPE members.

Per the February 2023 NSPE membership report:

- We Rank 4 in the most Life members (we were 5th in 2022)
- We Rank 7 in the most Retired members (we were 6th in 2022)
- We Rank 4 in the most Student members (we were 4th in 2022)
- We Rank 6 in the most Paying members (we were 6th in 2022)
- We Rank 4 in the most Overall members of any state (we were 4th in 2022)
- We Rank 7 in the percentage of engineers that are members (we were 8th in 2022)
- There are 9,014 Engineers in the state – and 7.4% are MSPE members.

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

- Number of new members FY2023 YTD = 39
- Number of new members FY2022 = 43
- 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 2022 = 91.4%
- 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, 2022 was \$5,756.41 and our ending balance on March 31, 2023 was \$7,106.79. 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. Continuing, but relatively new for 2023; PAC donations from individual donors may be made online via the MSPE website.

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, 72 graduating high school seniors applied for 21 scholarships valued at \$32,500 with \$13,000 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, University of Michigan – Dearborn.

For the high school program, in January 2023 the application form was reviewed and minor corrections were made. The form was then made available in SmarterSelect for student application management. Student applications were due by mid-February 2023, and has now been completed. The Scholarship Committee has completed scoring of the applications and is now in the award selection process. Letters will be sent out notifying the winners by late May 2023.

While the general number of applications for the High School program continues to fluctuate, this year witnessed a small dip 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
- 2023 – 72 applicants

This year's scholarship program was well received by participating universities and colleges and was a success.