



2019-2020 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.

Allan W. Harvie, PE

Jonathan Hiipakka, PE

Hans Korendyke, PE

Remo Mastroianni, PE

Dewey H. Noland, PE

John J. Owens, PE

Douglas J. Thompson, PE

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President's Report

Submitted by Tom Wheat, PE, President

As I write this, I am sitting in my home office, practicing my social distancing as we as humans, inhabiting planet earth, are learning how to deal with the COVID-19 pandemic. It is interesting to me to witness our collective response to this situation from the first realization of the disease, our acceptance of its seriousness, the seemingly haphazard process of how to respond, and as of today, the acceptance of a way of life that two months ago would have seemed unthinkable. The theme of our conference is "The Practice of Engineering". I see parallels between the COVID-19 response and our practice; becoming aware of a problem, understanding its scope, and using the collective knowledge and experience of our profession to develop a proposed solution. I say proposed, since some of the novel and more difficult problems don't always have a known or simple solution. We must use the tools we have to find new solutions to help move forward and improve our way of life. Although this disease will cause untold suffering throughout the world, I trust that we will come out on the other end with a better way of life, new innovations, new ways of working, new ways of viewing how we value our time, a better appreciation of our families and our shared humanity.

I want to take the opportunity to thank our MSPE membership, since it is your support that allows us to sustain this organization to serve you and help protect and advocate for licensure. Also, I would like to thank the State Board for your participation and support in guiding our path. I have been a consulting municipal engineer for the past 28 years and have been to countless Board/Council meetings. It has always impressed me that the thoughtfulness of the decision-making process of a group of dedicated people is always superior to that of the individual. Being President of MSPE has crystallized this observation ten-fold as we, as a board, have deliberated and made decisions throughout this year; thank you all. Also, thank you to Katy Winnett, our Executive Director, Frontline, and all the other people at Frontline that do the heavy lifting for MSPE so that we can continue moving forward. This is our second year with Frontline and our relationship keeps getting stronger and our processes more refined. Specifically, within the course of about 10 days we were able to cancel our 2020 conference, book our 2021 conference, and plan, schedule and advertise a virtual conference. This task would likely not have been possible without Frontline. I look forward to continuing this relationship in the future.

I like to think that our Board has kept the MSPE ball moving forward over the past year. In the annual (virtual) conference literature there will be an infographic that outlines our accomplishments. I am proud of these accomplishments and wish the best for our incoming president Ivan Ivanov, PE. I have gotten to know Ivan over the last few years, mainly socializing at the conferences, but this last year in working directly with him, I know that MSPE is in good hands.

Lastly, I would like to have you take a minute and remember my (our) good friend Doug Thompson, PE who passed away last spring. I met Doug at my first MSPE conference in 1998 while he was sitting on a golf cart smoking a cigar. Over many years and many hundreds of dollars in donations to something or other, we became good friends. In fact, I know that he was a good friend to all, a powerful positive influence on our society, and a good man. He is missed. Go Blue Doug.

I'll pledge to you that over the next few months, Ivan Ivanov and I will work together to provide a seamless transition into the 2020/2021 MSPE year. I hope that our membership can also pledge to give Ivan the same support that I've received over the last few years on the Board of Directors and eventually, as president. We do great things when we work together!

Thank you and good fortune!

Executive Director's Report

Submitted by Katy Winnett, Executive Director, FrontlineCo

It has been my pleasure to work with MSPE over the past year. The first year of working with a new organization is a huge learning experience, and now that we have gotten past that hump we can really focus on growth.

We hope that you find some of the resources we've introduced to be helpful:

- Designer Digest – This bi-monthly electronic newsletter provides our members with updates from the Society and articles relevant to the engineering profession.
- Enhanced Career Center – This new platform allows job seekers and employers to connect with a large network that includes the MSPE community and those outside of our membership. Plus, MSPE receives a portion of the sales. This has been a great source of non-dues revenue for us.

We were happy to be a part of the update to the strategic plan and look forward to implementing those initiatives over the next three years. Specifically, we are working on plans to build a stronger social media presence, grow and retain membership, and increase the financial sustainability of MSPE. As always, we continue to build on our relationship with NSPE and assist in legislative efforts.

As you know, we had originally planned to have an in-person conference this year at Shanty Creek Resort in Bellaire, Michigan. Then, the entire world was rocked by COVID-19. Our staff was ready to adapt and quickly converted the in-person event to a virtual event, and we are so excited to bring this new opportunity to MSPE. We recognize the importance of providing quality, PDH-worthy education and were prepared to do that even with the cancellation of in-person events. Next year, we will be back at Shanty Creek on May 6-7, 2021. We hope to “see” you this year and again next May in-person!

Last but not least, organizations like MSPE thrive with support from the members. I ask you to volunteer your time with your chapter, on a state committee, and eventually on the state board of directors. Your commitment to the professional engineering community and MSPE will help keep us strong.

I look forward to connecting with many of you over the next year. Do not hesitate to contact me at katy@frontlineco.com or (517) 487-9388.

Teller's Report

President

Ivan Ivanov, PE

Automatic

President Elect

Donald F. Nedervelt, PE

Treasurer

Kurt K. LaFrance, PE

Secretary

Mick Vargas, PE

Vice Presidents:

Pamela Lemme, PE

Eastern Region

Automatic

Vacant

Mid-Michigan Region

Bob Nelesen, PE

Northern Region

Amanda N. Hemeyer, PE

Thumb Region

Automatic

Debbie Dawson, PE

Western Region

Martha Thompson, PE

Sixth Vice President

NSPE Delegate

N. Robert Uddin, PE

Immediate Past-President

Thomas Wheat, PE

Automatic

2020 Annual Business Meeting Agenda

Wednesday, May 6, 2020 – 12:20 PM to 12:50 PM

Virtual Meeting

- 12:20 PM Call to Order of the 72nd Annual Business Meeting of MSPE (T. Wheat)
- Invocation (N. Uddin)
 - Roll Call (K. Hennicken)
 - Moment of Silence for Deceased Members (T. Wheat)
 - Welcome/Opening Remarks (T. Wheat)
- 12:30 PM Officer / Committee Reports
- Minutes from May 3, 2019 Annual Business Meeting, Radisson, Lansing (K. Hennicken) – Action Needed
 - Approval of the Financial Report (K. LaFrance)
 - Review / Questions on Board / Committee Reports (previously submitted)
- 12:35 PM Teller’s Report (K. Hennicken)
- 12:40 PM Installation of New Officers (S. Conners)
- Approval of the Newly Elected Officers – Action Needed
- 12:50 PM Chapter Awards (P. Lewis)
- 12:55 PM Closing Remarks (T. Wheat)
- Adjournment of Annual Business Meeting – Action Needed

2019 Annual Business Meeting Minutes

May 3, 2019

Hotel Radisson, Lansing, Michigan

1. Call to Order of the 72nd Annual Business Meeting of MSPE
 - President Scott Connors called the meeting to order at 9:19 A.M. At the time of commencement of the meeting, 41 members were in attendance, plus one (1) representative from NSPE and one (1) guest N. Robert Uddin, NSPE Delegate, led the invocation. Scott Connors led a moment of silence for members deceased within the past year.
 - President Connors gave brief opening remarks.
 - Lara Laird gave an overview of Frontline’s management of MSPE.

2. Officer / Committee Reports
 - The minutes from the May 4th, 2018 Annual Business Meeting at the Eberhard Center, Grand Valley State University, Grand Rapids, Michigan were presented for approval by Secretary Kate Hennicken. There were no member questions. It was moved by Patrick Lewis and supported by Don Nedervelt to approve the minutes, and the motion was passed unanimously.
 - The 2018 financial report was presented for approval by Treasurer Kurt LaFrance. There were no member questions. It was moved by Don Nedervelt and supported by Leanne Panduren to approve the financial report, and the motion was passed unanimously.
 - Board and committee reports were included in the agenda packet that was distributed electronically to the membership. There were no member questions, and no action was required.

3. New Business
 - President Connors indicated that he did not have any specific Presidential citations. He did thank all of the board members for their support during this past year.
 - Secretary Hennicken 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 Patrick Lewis and supported by Leanne Panduren to accept the Teller’s Committee report, and the motion was passed unanimously.
 - Secretary Hennicken presented a resolution to authorize the 2019-20 President, Treasurer, Secretary, and Executive Director to sign checks on behalf of MSPE. It was moved by N. Robert Uddin and supported by Patrick Lewis to approve the resolution, and the motion was passed unanimously.

4. Adjournment
 - President Connors gave brief closing remarks.
 - The meeting was adjourned at 9:52 A.M.

Treasurer's Report & MSPE Financial Statement

For the Year Ending December 31, 2018

Submitted by Kurt K. LaFrance, PE

May 6, 2020

A. Status of Accounts at Fifth/Third Bank:

	<u>Dec. 31, 2018</u>	<u>Dec. 31, 2018</u>
Business Checking	\$60,470.85	\$75,196.23
Paypal	167.92	0.00
Foundation (MATHCOUNTS)	11,741.54	11,151.14
MSPE PAC	2,005.19	2,403.19
Total	\$74,385.50	\$88,750.56
Net change in assets		\$14,365.06

B. Building Fund:

The MSPE building was sold in 2018 and the proceeds of \$243,528.25 were invested at the direction of the building fund committee. The balance as of December 31, 2018 was \$235,176.78. As of the end of 2019 the building fund had a balance of \$282,351.67, for an annual gain of \$47,174.89. The building fund provided \$6,000 in operating revenue to MSPE in 2019.

C. Scholarship Fund:

The scholarship fund is invested with Nicholas Funds. The balance as of December 31, 2018 was \$180,683.40. As of December 31, 2019, the balance was \$231,518.76, for a gain of \$50,835.36. The scholarship fund provided \$9,000 to fund scholarships in 2019.

D. Profit & Loss Statement:

We ended the year with an operating gain (not including the building fund) of \$1,806.70. Our income was \$116,114.39 and our expenses were (\$114,307.69).

1. Profit & Loss Statement:

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:

Chapter	12/31/19 Balance
Blue Water	270.00
Detroit Metro	1,980.00
Flint	480.00
Capital Area	360.00
Northern	615.00
Great Lakes Bay	390.00
Total	4,095.00

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

No report submitted.

Mid-Michigan

No report submitted.

Northern Region

Submitted by Bob Nelesen, PE, MBA

The Northern-Straits Section continues its work to foster new leadership. Efforts to meet in the first quarter of 2020 were delayed by COVID-19. The team continues to coordinate with other Northern associations to facilitate growth, interest, and networking opportunities. One of the best events for the Section is its very successful annual golf event for MATHCOUNTS. The golf outing is tentatively scheduled for August 28, 2020. The team is performing outreach to expand school district participation in MATHCOUNTS as well.

Thumb Region

Submitted by Amanda Hemeyer, PE

The Thumb Region contains three Chapters: Flint, Blue Water, and Great Lakes Bay Region Chapters

Flint Chapter:

The Flint Chapter held monthly board meetings and several monthly programs. The programs included the annual golf outing, evening social events, and a Lunch 'n Learn. Three scholarships were awarded to local students during the 2019 Scholarship Luncheon and Officer investiture, who were sworn in by Amanda Hemeyer, PE. The Chapter board members volunteered at the Great Lakes Bay Region MATHCOUNTS competition and gave a presentation to University of Michigan-Flint students on the importance of the Fundamentals of Engineering Exam for the second year in a row. The Flint Chapter maintains their Facebook page and sent out a newsletter in December.

The annual scholarship golf outing is planned for May and the new officers will be inducted in June at the Scholarship luncheon.

The Flint Chapter's tax-exempt status as a 501(c)(6) has been retroactively reinstated to the date of revocation in 2010. State of Michigan online records will be updated within 6 weeks of March 25, 2020.

Blue Water Chapter:

The Blue Water Chapter held several monthly programs. The programs included a facility tour of the Bluewater View Condominiums and several lunch and learn presentations. Chapter members participated in the 2018 Legislative Day and held a breakfast with State Representative Shane Hernandez. They also participated in the 2020 MATHCOUNTS competition.

Great Lakes Bay Region Chapter:

No report submitted.

Western Region

Submitted by Kevin S. Kieft, PE

Muskegon Chapter:

The Muskegon Chapter continued its proud tradition of strong support and administration of college scholarships and a robust MATHCOUNTS competition and outstanding programs. The programs included:

- Consumers Energy BC Cobb Plant Demolition
- Veolia Fish Farming Presentation

Two additional programs on the Consumers Energy Pump Storage Facility and the Badger Car Ferry presentation were cancelled due to the Coronavirus pandemic.

The MATHCOUNTS competition had nine schools participate with a total of 64 students. During the Countdown Round, the remaining students participated in an engineering activity building towers out of spaghetti and marshmallows.

Twelve applications were reviewed and submitted for the MSPE state scholarship with a successful applicant receiving a scholarship to Grand Valley State University. In addition, five applications were submitted for award of a Muskegon Area Community Foundation Scholarship for a Muskegon Community College student transferring to a four-year engineering degree program.

Southwestern Chapter:

Chapter Board meetings were held monthly and a full slate of officers were in place for the 2019-2020 year. The Southwestern Chapter continued its strong support of the Scholarship program and MATHCOUNTS. The Southwestern Chapter reviewed and submitted nine scholarship applications on to the state scholarship program. Their long-established golf outing to support their scholarship efforts continued in the 2019-2020 year with over 75 golfers participating. In addition, they will be awarding local scholarships through their chapter.

The MATHCOUNTS competition featured twelve schools with 102 students competing at the event. The chapter helped organize their annual Engineers Week dinner at Western Michigan University with approximately 250 attendees with a much higher percentage of professionals than previous years. The dinner featured the topic of "Space Weather Impacts on Human Exploration of Mars".

Western Chapter:

The Western Chapter continued its strong presence with MSPE and continues to thrive with outstanding support and participation by all involved. The Chapter held meetings to confirm and finalize details for their chapter meetings and newsletter. Chapter meeting topics included:

- Recon Wall Systems and Easi-set Precast Buildings
- Fantastic Nuclei and Where to Find Them
- Road Recycling, Laying the Foundation for Great Roads at Less Cost

- Industry 4.0
- Directional Drilling the Grand River
- I-96-I-196 Project Presentation
- Synchronization: Pendulum Clocks, GPS Navigation, and the Power Grid

The MATHCOUNTS competition for the Western Chapter included nine school districts and 72 students. The Western Chapter continues to provide a \$1,500 scholarship to a graduating high school senior pursuing a degree in engineering. The Chapter's annual golf outing had 48 golfers and 20 companies' sponsorships that helped raise funds for this scholarship.

The Western Chapter will be celebrating their 70th year as a chapter!

NSPE House of Delegates Update

Submitted by Nijam Robert Uddin, PE, F.MSPE

NSPE 2019 - House of Delegates General Assembly

I attended the HoD General Assembly meeting which was held on July 20, 2019 in Kansas City, Missouri at the Kansas City Marriott Downtown. The session was called to order at 10:00 AM by 2019-2020 President David P. Martini, P.E., F.NSPE.

Election of Officers

The Candidate Screening Committee submitted their report regarding candidate Rick J. Guerra, P.E., F.NSPE for Vice President and Susan K. Sprague, P.E., F.NSPE for Treasurer.

The candidates addressed the assembly regarding their qualifications for the office. Thereafter an individual election for each office was held.

I submitted Michigan's votes supporting Rick J. Guerra, P.E., F.NSPE and Susan K. Sprague, P.E., F.NSPE.

Election of Board of Directors

- Kasey Anderson, President, State Society Executives Council (SSEC)
- Curtis A. Beck, P.E., Chair, NICET Board of Governors
- Randal J. Braker, P.E., 2019-2021 Director, Interest Group
- James A. Buggs, P.E., F.NSPE, 2019-2021 Director, Central Region
- Bregger A. Garrison, P.E., 2019-2021 Director, New Professionals
- Harvey D. Hnatiuk, P.E., F.NSPE, President, NSPE Education Foundation
- Dennis Irwin, P.E., F.NSPE, Ph.D., 2018-2020 (Completing the remaining year of Claudius A. Carnegie, P.E., F.NSPE, Ph.D.'s term as Director Interest Group)
- David L. McCullough, P.E., F.NSPE, PTOE, 2019-2021 Director, Northeast Region
- Zia A. Yasrobi, P.E., 2019-2021 Director, Southwest Region

I tendered Michigan's votes in support of the proposed slate of officers.

Ratification of 2019-2020 Candidate Screening Committee

- Chairperson, Michael E. Aitken, P.E., F.NSPE
- Michael F. Basta, P.E., CSP, MS, Northeast Region
- Philip Gundvaldson, P.E., North Central Region
- Angela M. Hanz, P.E., Central Region
- Thomas J. Headley, II, P.E., Western & Pacific Region
- Harold J. Reddish, P.E., F.NSPE, LEED, F.SAME, Southwest Region
- Andrew M. Rogers, P.E., Southeast Region

I tendered Michigan's votes in support of the proposed slate of committee members.

Main Activities

Action: Proposed Technical Corrections to NSPE Bylaws - I tendered Michigan's votes in support.

Action: Proposed Change to NSPE Bylaw 9 - Membership - I tendered Michigan's votes in support.

Action: Board of Ethical Review Proposal to Add Non-Discrimination Language to the NSPE Code of Ethics - I tendered Michigan's votes in support.

Action: NSPE House of Delegates Proposal to Align Electronic Voting Procedures to In-Person Voting in the Operating Procedures - I tendered Michigan's votes in support.

The Assembly adjourned at 3:18 PM.

Central Region Meetings

Throughout the 2019-2020 year I attended the monthly meetings as the Michigan representative to the NSPE House of Delegates. The one-hour meetings were held on the third Wednesday at noon Eastern time.

2019-2020 House of Delegates Online Community

As a delegate, I receive information and calls to action. Where appropriate I pass the information to the Board or ask for the Board's response.

Term of Office

I am entering the second year of my second term which ends in 2021. A new delegate will need to be selected for the following term. If the Board wishes, I can serve again after that gap.

Committee Reports

Awards Committee

Submitted by Patrick Lewis, PE

The Awards Committee reviewed annual reports from the six (6) chapters that submitted them and reviewed multiple applications for both Engineer of the Year and Young Engineer of the Year. Both individual honors will be awarded this year at the annual virtual conference. Chapter awards will be given out in seven (7) categories as well, divided into small and large chapters, with three (3) chapters in each category. All chapters submitting reports won at least one award, and there was significant activity, innovation, and individual member value clearly offered by each.

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 Kurt LaFrance, MSPE Treasurer, and accountant Mary Beth Schenden. The fund balance as of April 17, 2019, the previous annual report, was \$263,644. Over the past 12 months, the fund distributed \$6,000 to the MSPE general fund on an annual request (October 2019) of the MSPE treasurer and in accordance with the Bylaws. The fund was rebalanced in January 2020 in accordance with the fund allocations in the IPS.

The fund balance peaked on February 19, 2020 with a balance of \$293,065. Following the peak, the investment markets have been extremely volatile in the wake of the COVID-19 outbreak. At the date of this report the fund balance was down over 30% to \$233,430 (March 25, 2020). While this decline reflects similar declines in broader financial markets, the committee remains committed to the allocations dictated in the IPS and remains optimistic that markets and fund balance will recover as the global pandemic subsides and economic activity resumes. As of this report (April 7, 2020) fund balance stands at \$245,734. Based on fundamentals of the investments and sustainable nature of the IPS, the committee remains confident that this fund will continue to perform its function and distribute a percentage of proceeds to the Society indefinitely.

Committee Members include:

Josh Szymanski, PE, Chair

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

Phil Porte, PE

Kurt LaFrance, PE – Ex Officio Member

Constitution & Bylaws Committee

Submitted by Patrick Lewis, PE

Generally, the By-laws Committee only convenes when changes to the MSPE governing documents are deemed necessary. As comprehensive changes were made during the 2016-17 and 2017-18 administrative years, no further revisions have since been desired by the board. The committee has not met for the 2018-19 or 2019-20 administrative years but stands ready should the need arise.

Education Committee

The 2020 Annual Conference was scheduled to be held at Shanty Creek Resort in Bellaire, Michigan on May 6-8. Due to the COVID-19 pandemic, MSPE quickly converted the conference to a virtual format. It will be comprised of 3 half-day events that will provide attendees the opportunity to earn at least 9 PDHs.

The 2021 conference will be held at Shanty Creek Resort on May 6-7, 2021.

Legislative & Governmental Affairs Committee

Submitted by Leanne Panduren, PE, F.NSPE

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, although the PAC Board votes on donations are taken separately. In 2019, the decision was made to have the Chair position on this committee run in conjunction with the Michigan Legislative cycle for continuity. The next Chair will take over in January 2021.

The L&GA Committee also works through the Architects, Engineers, and Surveyors Joint Legislative Coalition (AESLC) through our delegates 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 2019-2020 cycle has been an active one for MSPE with continued work to support our Certificate of Merit legislation. This has been an uphill battle and we have had several meetings with committee members and other legislators but have been unable to get the bill passed out of Committee. We have also spent considerable time meeting with legislators regarding bills we opposed as written that targeted felony exclusions for licensure (good morale character bills) and changes to the requirements for professionals in the design/build industry. We continue to work on these bills to get the bill language modified. To date none have been voted out of Committees. The legislature was focused in the fall months on the budget and the Governor's line item vetoes and use of executive powers in relation to the budget. This sidetracked progress on bills we supported and opposed. In addition, there has been much discussion which we have participated in regarding long-term transportation funding. While no resolutions have been reached, some transportation bills were passed.

We hoped to see movement on bills we are focused on when session resumed in early 2020; however, other topics have taken precedence and the focus for much of March was on the pandemic and the

state's response. The remainder of the session is likely to be volatile as it is unclear when normal sessions and committee meetings will resume and legislators will likely spend the summer and early fall months campaigning prior to the November election. Late November/early December will bring us another lame duck session and MSPE will need to be ready to react quickly.

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

- HB 4495, HB 5279-5280/SB 684 – Design Build
- HB 4488 – Felony Exclusions for Licensure
- HB 4100 – Historic Tax Credit Reinstatement
- HB 4696-4973/SB 515-524 – Transportation
- HB 5169 - Certificate of Merit

This year's AESLC Legislative Day had to be postponed due to the COVID-19 pandemic. At this time, we are still hopeful we will be able to conduct our visits with legislators at our rescheduled date in early June.

MATHCOUNTS Committee

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

At the 2019 National Competition the Michigan team finished 25th of 56 teams. The following Mathletes represented Michigan at the National Competition in Orlando, FL on May 12th & 13th, 2019:

- Vikram Goddla, Country Day Middle School (Beverly Hills), 7th grade (2nd trip to National)
- Jason Zhang, East Middle School (Plymouth-Canton), 7th grade (2nd trip to National)
- Michael Lu, Bloomfield Hills Middle School (Bloomfield Hills), 6th grade
- Henry Jiang, Country Day Middle School (Beverly Hills), 6th grade
- Coach Srinivasa Badrinarayanan, East Middle School (Plymouth-Canton)

While our team members did not finish as high as Michigan teams in the past, they did an excellent job considering they were the youngest overall team in the competition.

The 2019-2020 Competition year was very successful through the end of the Chapter Competitions in February. There was even a perfect score on the Chapter Test by former National Mathlete Vikram Goddla from Country Day Middle School. A total of 137 students qualified to advance to the State Competition, scheduled for Pi Day, March 14th at Saginaw Valley State University. However, the Coronavirus outbreak played spoiler. In light of the rapid spread, MSPE and the National MATHCOUNTS Organization both determined independently that the risk to the students required the State Competition to be postponed indefinitely. The National Foundation Board announced on March 20th that the National Competition for 2020 was cancelled, as were all un-held State Competitions.

With the assistance of the Chapter Coordinators, I identified the top 30 students in the state based on their chapter scores. The Top 6 students are listed below, they are ranked based on the tie breakers established in the MATHCOUNTS Handbook:

1. Vikram Goddla, Country Day Middle School (Beverly Hills), 46 (perfect score)

2. Michael Lu, Bloomfield Hills Middle School (Bloomfield Hills), 45
3. Nishan Inampudi, Country Day Middle School (Beverly Hills), 44
4. Henry Jiang, Country Day Middle School (Beverly Hills), 44
5. Brian Zhang, Meads Mill Middle School (Northville), 44
6. Jason Zhang, East Middle School (Plymouth-Canton), 44

The MATHCOUNTS Coordinators would like to thank all the volunteers at the competitions and our sponsors. Without your participation and support we would not be able to bring this program to middle school students across the state. We would also like to thank Saginaw Valley State University for all their hard work in preparing to host us this year. We have arranged to have the 2022 State MATHCOUNTS Competition at Saginaw Valley as well.

Membership Committee

Submitted by Michael Schwartz, PE

The Membership Committee met via phone call every other monthly over the past year. The group is comprised of 35 people (email distribution list) and includes chapter membership chairs, chapter presidents, regional VPs, and a few at-large personnel. Typically, meetings were generally 2-4 people throughout the year. As of April 2020, MSPE had 1010 members, which is an increase of 59 members from April 2019 (951 members). The growth may seem impressive; however, a large portion of this group are student members, as the high school scholarship application requires these high school students to join. This also effects why we have a large drop rate each year. We had an increase of 2 paying member (Standard members & Enterprise members) over the same time period. We are optimistic that we are beginning to reverse the trend of lost membership from 2017. Over the next year we hope to improve upon the following:

1. Tracking membership trends on a quarterly basis (chapter membership, standard member, etc.)
2. Reducing the number of “unassigned” members to actual chapters (currently 36 although almost everyone is a student member)
3. Reduce the number of dropped members for a 12-month period (currently 47)
4. Increase Standard and Enterprise members (currently 586)
5. Reach out to past MSPE members that are PE and EITs and ask them to rejoin.

Per the February 2020 NSPE membership report:

- We Rank 6 in the most Life members
- We Rank 8 in the most Retired members
- We Rank 2 in the most Student members
- We Rank 6 in the most Paying members
- We Rank 5 in the most Overall members of any state
- We Rank 9th in the percentage of engineers that are members.
- There are 9,014 Engineers in the state – and 9% are MSPE members

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, 2019 was \$806.19 and our ending balance on March 31, 2020 was \$2699.19. We are currently fundraising and working with our MSPE Lobbyist and AESLC Committee to identify opportunities to gain maximum impact for the MSPE membership.

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 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, 110 graduating high school seniors applied for 22 scholarships valued at \$36,000 with \$16,000 of that 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, University of Michigan – Dearborn, Wayne State University, and Western Michigan University. For the high school program, application forms were revised and made available at the MSPE website in the fall of 2019. Applications were due to the Chapter Scholarship chairs by February 5, 2020. The Scholarship Committee reviewed the applications and identified proposed recipients for each scholarship. Award letters will be sent out notifying the winners by late April 2020, and final awards will be completed by the end of May 2020.

Additionally, one to four scholarships have been awarded in the past to college undergraduate students currently enrolled in a Michigan ABET accredited college engineering program. Due to financial constraints, the committee did not offer any college undergraduate scholarships.

This year's scholarship program was well received by participating Universities and Colleges and has continued to be a successful program sponsored by MSPE.

Strategic Plan & Goals Committee

Submitted by Ivan Ivanov, PE

This committee was formed for the specific purpose to review and update of the previous MSPE Strategic Plan that was expiring in 2019. A new MSPE Strategic Plan for the next 3-year period (2020-2023) adapted for the current situation and needs of the society and its membership was written and subsequently accepted by the MSPE Board of Directors. Intent for the plan is to guide the Society's efforts and have actionable goals that we can implement as we continue forward.

At their fall of 2019 board meetings, committee members and the board at large discussed various aspects of the strategic plan and shared ideas for updates. After gathering comments from the board, and with the draft document based on the previous plan, the committee members met for the final writing session in November of 2019. The new proposed plan was sent out for review and comments to the membership. The MSPE Board of Directors accepted the plan at their April 2020 meeting. It is included in this annual report and will also be shared on MSPE's website and presented at the annual conference. Thank you all for taking part in this important effort.