President’s Message:

Brian Schultz, PE, President

Fall is quickly approaching yet again, and many of us have now been sending our children off each morning to begin another school year. This is really also the beginning of MSE's year both financially and as your board. We have another exciting and full year ahead of us!

As your new president, I would like to thank you all for the honor to serve in this position and extend my gratitude to the rest of the board for the hard work they all put in as well. I also would like to thank and congratulate Georgia Brensdal for her successful and devoted service as your Board President last year as well as her service as our delegate to the NSPE House of Delegates. We have a great board with many diverse talents, experiences, and ideas. They are well engaged and passionate about their service as your board. Please get to know each of them if you have a chance: Cory Hasiak our President Elect, Ed Weber our Vice President, and our newest member, Cammy Dooley our Secretary/Treasurer. And last, but not least, please always give your appreciation to our Executive Secretary, Connie Dempster who really is the wind in the sails and the compass that guides our association.

Looking forward, our state MATHCOUNTS program is coming off of another strong year. This program continues to grow in its success and its benefits to the middle school students in Montana. MATHCOUNTS is also an outstanding volunteer opportunity for MSE members and engineers throughout the state. Please continue to learn about and support this program as you have the opportunity.

We will soon be entering another legislative year in Montana, and MSE will again be prepared to support Professional Engineers in Montana through our own and ASCE in hiring our lobbyist which will give us additional bill monitoring capability and an even stronger presence at the state level on issues that affect us in the engineering industry. Another added bonus is that we will have both Jennifer and Darryl James working as lobbyist. During this 2015 Legislative Session MSE will be partnering with both ASCE together in the lobbyist role for us. If you aren't familiar with either of them, they will be presenting a session at the Joint Engineers Conference (JEC) in November, which would be the perfect time for you to meet them.

Speaking of the JEC, this year's tracks look to be just as solid and interesting as they have ever been. With all the changes in the Energy Industry, have you ever wondered what lies ahead for its future? Are you curious about what new concrete design methods might be developing right now? Are you interested in what habits make a great leader, or what habits will ruin your career as a leader? We've all heard rumors about changes to the Professional Engineer Licensing Laws for Montana, but do you really know what any of that is about? How many of you are still in need of some inexpensive, yet truly beneficial CEU's? This year's JEC in Helena will provide answers and information in all these areas and many more, as well as offering you the opportunity to attend the Montana Engineers Honors Banquet with an excellent guest speaker. This is also the time when MSE holds their annual General Membership Meeting for all its members (with dinner included).

As your President, I would also like to challenge all of you to spread the word about MSE to your fellow engineers and encourage them to join. The memberships of this association are what provide for us not only financially, but all the more importantly, they are what allow us to make a larger impact in our communities and the great state of Montana. Here is a bone to throw out to the various engineer contacts you have: If you know any professional engineers that aren't currently members of any other engineering societies, they can join MSE for $50 a year and when they sign up for the Joint Engineers Conference in the near future they will receive a $50 discount on the cost of the conference; almost like getting a free membership! They can sign up for our state only membership by clicking on the membership link on our website at http://www.mtengineers.org.

Thank you again for the opportunity to serve you in this position. I look forward to another productive and successful year for MSE. Please contact me if there is anything myself or our board can do to support you as a professional engineer in the state of Montana.
Montana MATHCOUNTS
2014-2015 Sponsor Request

The National Society of Professional Engineers (NSPE) initiated the MATHCOUNTS program thirty-one years ago. Montana Society of Engineers (MSE) has been offering the MATHCOUNTS Competition Program to Montana middle school students for THIRTY years!

*The mission of MATHCOUNTS is to secure America’s global competitiveness; MATHCOUNTS inspires excellence, confidence, and curiosity in U.S. middle school students through fun and challenging math programs.*

MSE coordinates and sponsors Montana MATHCOUNTS on a very limited budget. The only paid participant is the executive secretary, and much of her time is donated for this project. It has been gratifying to see engineers and others from across the state donating their time to organize and to conduct the chapter and state competitions in order that Montana may be represented at the National Competition. However, due to the great distances in Montana and the cost of conducting 7 chapter competitions and 1 state competition, MATHCOUNTS is a relatively expensive program for MSE to fund. For this reason, MSE is requesting assistance to keep the program in place.

"Of all the math competitions available, there is no doubt that MATHCOUNTS is the premier program I get my students involved in." - a Billings Middle School Math Teacher

Your Donation Counts

Without the support of our individual and corporate donors, we would not be able to offer this incredible program to hundreds of Montana middle school students each year. We need your help! Please join us as we strive to meet our fundraising goals!
YOU CAN MAKE A DIFFERENCE:
This past season, MATHCOUNTS materials were offered to every middle school and home school in Montana. We estimate that over 1000 middle school students indirectly benefitted from the MATHCOUNTS program. Of that number, 532 students from 72 schools around the state registered for the MATHCOUNTS competitions and were directly involved in the program in 2013-2014 season.

National statistics show:
• 85% of Mathletes who compete at the state level go on to pursue a STEM field of study in college (science, technology, engineering, and mathematics)
• 76% of Mathletes who compete at the state level score a 1400 or higher on the Math and Verbal sections of their SATs.
• The top five majors for Mathletes who compete at the state level are: mathematics, computer science, electrical engineering, biology and chemical engineering.

WHERE THE $S GO!

<table>
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<th>Category</th>
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</table>

Each donation may be tax-deductible and each donor receives an acknowledgement of their donation.* Make your check payable to the MATHCOUNTS FOUNDATION and mail to:

MSE Montana MATHCOUNTS
Attn: Connie Dempster
PO Box 20996
Billings, MT 59104-0996

* Contributions to the MATHCOUNTS Foundation, 501 (c)(3) charitable Foundation, may be tax-deductible to the fullest extent permitted by law. Please check with your personal tax advisors regarding the deductibility of your gift.

THANK YOU for your generous support!

This is a GREAT group to JOIN:


Founding Sponsors: National Society of Professional Engineers, National Council of Teachers of Mathematics and CNA Foundation

For MORE Montana MATHCOUNTS Information: www.mtengineers.org/MATHCOUNTS.html
NSPE Adopts Strategic Plan at House of Delegates Assembly

Georgia Brensdal, PE, Immediate Past President, MSE House of Delegate Representative

A major action item at the House of Delegates Annual Assembly in Washington, D.C. on July 5, 204 was the approval of the Strategic Plan. This document was based on the efforts in past several years to follow a "Race for Relevance" course for the organization.

In preparation for this action, delegates and members were asked to review the plan document and provide comments. In May and June there was extensive emailing of comments to the Board referring to the Plan. Many of the comments were on the topic of keeping the memberships costs affordable, and to collaborate with other professional organizations so that co-memberships could be easily manageable for engineers. Before the assembly met, the Board reviewed comments and found no objectives expressed to specific content of the Plan document. They found general agreement and support expressed for vision, mission, values and goals expressed in the Plan.

The discussion at the assembly generally agreed with this summary, although some delegates felt the Plan lacked detailed implementation steps. They were concerned that the Assembly approval was nothing more than a rubber stamp to let the Board do anything. Others expressed that the HOD was not there to micromanage, and that its function, as suggested by the Relevance, is to keep governance streamline. The delegates need to do their homework, and provide guidance to how the Board takes the Plan into action. The assembly then proceeded to unanimously vote to adopt the plan.

Officers and guests provided reports to the HOD. The treasurer reported increased membership and the costs for headquarters renovations. The executive director provided an impressive list of activities, and stated that he was anxious to prioritize these to a purpose in line with the strategic plan. The advocacy list at Congress was extensive, and something that MSE could review for planning our state legislative activities. The head of the Canadian organization reported meetings with the Texas Board and the Washington Accord in areas of coordination of licensing requirements. And education All of the international guests including Canada, Japan, and Korea were interested in NSPE’s work on the Engineering Body of Knowledge document, (watch your JEC schedule, for more on this). Kodi Church P.E. was elected into the Vice President office;and the regional and membership-at-large Board members were elected

In the afternoon many engineering groups addressed the Board and urged NSPE to expand efforts in collaboration with all engineering groups. The representative for ASCE proposed that they work on co-membership options.

The annual meeting moves to the west coast in 2015; it will be Seattle in July.

Take Time to Review the Candidates Before Voting in November

Cory Hasias, PE, President Elect

We are now heading back into the time of year when every radio and TV advertisement will be political in nature along with the pleasant phone calls in the middle of supper. Good luck in staying sane and calm from now to the JEC.

This year I have taken the time to refresh and enhance my understanding of the US Constitution and the Founding Fathers views on the dangers of government. There are several great free resources to attend or participate in that will reintroduce you to the founding concepts such as online courses from Hillsdale College and seminars from the John Birch Society.

It is surprising how much you forget or don’t pay attention to. I correlate my own experiences as the frog in slowly warming water to a boil. There are so many facets to life that I have left politics and government issues for more convenient times. The Founding Fathers knew that one of the biggest threats to our republic were complacent and uninformed citizens.

With the challenges to our State and Nation, I urge you as responsible citizens to spend an hour so before the election in November to review your candidates. The newspapers, local chamber of commerce’s as well as the internet have a lot of information about the slate of candidates. If you can’t find anything, at the State level votesmart.org is good starting point as
From the MSE Office

Fall at the Montana Society of Engineers Office is totally consumed with JEC registration and planning. Speakers are set—but travel details are still being gathered. Program details are being pulled from advertisers, societies, speakers, and the schedule continues to be in a bit of flex for the next few weeks.

Plans for the MSE general membership dinner are being finalized with the agenda just about set. HINT: A pass NSPE President will be there with our Lobbyists Jennifer and Darryl James giving us some forecasts for the 2015 Legislative Session. You will receive more details in future emails and in the JEC Program. This dinner will be immediately following the VENDOR SOCIAL on Thursday evening.

One more item of NOTE: The JEC is looking for a new Chair and the MSE JEC Committee members (there are always 2) need some help. Please contact any of the MSE Officers or the MSE Office, if you are interested and would like more information about the duties either would entail. Thank you—hope see you all at the 2014 JEC.

Connie

2014 Joint Engineers Conference:
www.mtengineers.org
Early Registration
Pricing Expires
September 30, 2014

2014 JEC Update!

Stephen Smith and Georgia Brensdal have identified and scheduled the speakers for the MSE track for the 2014 JEC. Registration for the 2014 JEC is open and early registration pricing expires on September 30, 2014.

Crystal Kuntz has booked the keynote speaker for the banquet. Mr. Robert T. Simmons, P.E., the 129th president of ASME with over 40 years of engineering management, will address innovations, both military and non-military, that occurred during the Civil War period — more information to come. The 2014 PE Hall of Fame Inductee has been selected and will be honored at the banquet.

There are 25 Exhibitor spaces available at the JEC each year — all have been SOLD. The exhibitors setup on Wednesday and show all day on Thursday. CASH prizes can be earned during the VENDOR SOCIAL on Thursday evening.

MSE will hold a membership dinner meeting immediately following the Vendor Social on Thursday evening in an effort to not interfere with other society meeting scheduled over noon hour on Friday. More information will be posted in the program.

Registration is open at www.mtengineers.org—early pricing will expire on September 30, 2014.