President’s Message:

Cammy Dooley, PE, President

What a year we are having across the United States! Between hurricanes and wildfires, the US has been racked with devastating natural disasters. I would like to take a few minutes to say thank you to those that are responding to these natural disasters. The first responders, emergency personnel and volunteers are working tirelessly to aide people and animals to return to their homes and lives. Without this dedication to their professions, our lives would be vastly different.

Another change in leadership has occurred within the MSE Board and I would like to thank Cory Hasaik for his leadership over the last year (or two). You are continually aware and ready to aid our Board with insightful recommendations for moving our profession forward. I also need to thank Georgia Bresdal for her dedication to the House of Delegates (HoD). She has represented Montana well at the Regional and National level. Her reports in regards to NSPE’s decision on the changing their service delivery model to the States has led to many a lengthy discussion at the board meetings. To you both, thanks for your dedication to MSE and to our Engineering profession.

Now to welcome our new board member, Randy Wall. He has graciously taken on the position as Secretary/Treasurer. He comes to our Board with many years of experience as a consultant as well as the owner of Engineering Leadership Institute- be sure to check out his sessions at the JEC. His background shall continue to move the Board forward in the years to come. I need to welcome back Ken Phillips – he has agreed to serve again as MSE’s House of Delegate Representative with NSPE. Many of you may recognize him as a past Board member and I am looking forward to hearing his updates on the HoD and how other states are dealing with service delivery model.

Speaking of the NSPE and their service delivery model, they have chosen to go forward with the Integrated/Non-Integrated options for membership. MSE would be considered a Non-Integrated due to our membership size, which would raise our dues to NSPE. I want to encourage you to join our MSE membership meeting on November 2nd. The board and our members have an important decision to make as to whether MSE maintains its affiliation with NSPE or decides to absolve the relationship.

Please review the informational flier (page 2 of this newsletter) regarding the pros and cons of maintaining the affiliation with NSPE. Ultimately the Board needs your vote with this decision. If you cannot make the meeting, contact a board member with your thoughts.

Another Joint Engineers Conference (JEC) is around the corner, be sure to register by September 30th to get the lowest price. We have another excellent line up for this year and always look forward to seeing the different disciplines join together in one location. Also, as always, spread the word about MSE and the JEC. Encourage another engineer to join MSE and then register for the JEC. Their $50 membership to MSE will also get them a $100 discount for the JEC.

I look forward to serving as the President in the upcoming year, please feel free to contact me or any other board member with your questions or concerns.

September, 2017

“Please review the informational flier (page 2 of this newsletter) regarding the pros and cons of maintaining the affiliation with NSPE. Ultimately the Board needs your vote with this decision.”

Inside This Issue

Informational Flier on NSPE New Membership Model .................. 2
MathCounts Sponsor Request .......................... 3-4
2017 Montana Professional Engineers Hall of Fame Inductee:
Daniel M. McCauley, P.E. ................ 5
From the MSE Office............................... 6
2017-2018State Officers....................... 6
JEC Post Card Notification............. 6
Attention all MEMBERS of the Montana Society of Engineers:
Your input, guidance and vote is needed regarding the future for MSE — READ ON:

National Society of Professional Engineers is looking to the future. They are streamlining operations by offering a unified member pricing level. NSPE categorized what each state society offers its members: Full Service, Premium Service, Standard Service or Basic Service.* NSPE has decided Montana Society of Engineers will operate as ‘Basic Service’ since MSE’s current membership level is not 10% of all registered-licensed PEs in the State of Montana. This would mean a membership of over 300.

Overview of the NSPE New Approved Membership Business Model:
- The new model offers members a unified dues price point and more consistent membership experience, regardless of the state they reside in.*
- Proposed new dues rate per year will range from $299 to $329—MSE would receive $60 back for operations.*
- Financial Impact of Integrated Model on State of Montana*
- The new model offers ‘state societies’ two options: Integrated or Non-integrated*

* More detailed information is attached as shared by NSPE: 1) Value Proposition - NSPE Services & 2) Proposed Membership Business Model (This model was ADOPTED in July 2017)

Montana Society of Engineers - Executive Board Discussion

The MSE Executive Board will receive no additional real help from NSPE under this new model. MSE will continue to oversee monitoring of each legislative session through lobbyist for the profession of licensed engineers, continue to maintain a chair and committee members for the Joint Engineers Conference, continue to support the MathCounts competition each year, continue to offer newsletters and other communication to the members, interview for the Gold Medal at each of the engineering schools, maintain office operations, etc. Under the new integrated model, MSE would not be able to offer ‘State ONLY’ option to PEs. What this new adopted business model does is push the dues rate up to a level that will no longer be sustainable for many of the current MSE members. Therefore the Executive Board maintains that there are 3 options: Integrated or Non-Integrated or Leave NSPE. MSE has existed since 1889. NSPE asked MSE to join NSPE in 1957. Here are the Pros and Cons as identified by the Board—please share yours with any of the Board members or the MSE Office.

Dues for PEs Under Each Option: Integrated $299—$329 ($60 comes back to State) w/no State Only Option ; Non-Integrated $299-$329 PLUS $60 for the State—Allows State Only membership ; Leave NSPE - MSE will charge $60/year for dues.

Pros for Leaving:
- Affordable Dues—$60 per year
- MSE controls Dues Collections and Maintains Membership Lists
- MSE is often a second society membership since most PEs belong first to their discipline specific society—price must be affordable
- MSE will continue to advocate for PEs by monitoring each legislative session
- MSE will continue to work with and for the JEC providing members access to CEUs at reduced prices
- MSE can continue to oversee the MathCounts Competitive Program
- No travel costs for regional and national meeting
- Those PEs wishing to remain members of NSPE can still do so with a “National Only” membership for $299 per year.

Cons for Leaving:
- Dues Increase to $299 - $329 per year ($60 of this will be returned to State)
- No federal level advocacy
- No PE Magazine
- No discount for EJDCD documents
- No automatic access to ethics program
- No access to NSPE’s 15 free seminars
- Loss of guidance from national organization
- NSPE communications

Time-Line:
- NSPE must have each State’s decision by January 1, 2018
- MSE must share this information with all members by October 1, 2017
- Call for vote at the MSE general membership meeting at the JEC on Thursday—November 2, 2017

Be Prepared to Vote on Thursday - November 2, 2017!

Questions, observations, and concerns, contact any of the MSE Board members or the MSE Office:
Cammy Dooley, President: cammy.dooley@northwestern.com; Grant Gershmel, President Elect: grant.gershmel@hdrinc.com; Tom Moody, Vice President: thomas.moody@northwestern.com; Randy Wall, Secretary/Treasurer: randy@eli-mt.com; Cory Hasiak, Immediate Past President: chasiak@simplicitysed.com; MSE Office—Connie: mse@assoc-mgt.com
Montana MATHCOUNTS
2017-2018 Sponsor Request

The National Society of Professional Engineers (NSPE) initiated the MATHCOUNTS program thirty-three years ago. Montana Society of Engineers (MSE) has been offering the MATHCOUNTS Competition Program to Montana middle school students for THIRTY-TWO 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 a part-time executive secretary, and much of her time is donated for this project. It has been gratifying to see engineers and others volunteers 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!

Each week, National features a new problem-of-the-week on their website:
https://www.mathcounts.org/resources/problem-of-the-week
Test your skills and be amazed at the math-skills of today’s 6th, 7th and 8th graders!
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 benefit from the MATHCOUNTS program. Of that number, 513 students from 62 schools around the state registered for the MATHCOUNTS competitions and were directly involved in the program in 2016/17 season.

Accolades:
- Change the Equation has recognized MATHCOUNTS as having one of the nation's most effective STEM learning programs, listing the Math Video Challenge as an Accomplished Program in STEMworks.
- MATHCOUNTS has been recognized in White House ceremonies by President Barack Obama, as well as former Presidents George W. Bush, William J. Clinton, George H.W. Bush and Ronald W. Reagan.
- Charity Navigator has recognized MATHCOUNTS as a three-star charity, indicating the Foundation "exceeds or meets industry standards and performs as well as or better than most charities in its Cause."

WHERE THE $S GO!

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:


For MORE Montana MATHCOUNTS Information: www.mtengineers.org/MATHCOUNTS.html
Daniel McCauley will be Honored during the Joint Engineers Conference at the Montana Engineers Honors Banquet on Wednesday—November 1, 2017 with a reception starting at 5:30 pm followed by dinner at 6:30 pm. The banquet is an extra for your JEC registration or you can opt to attend the banquet only—plan to buy your ticket today!

Congratulations Dan!!

2017 Montana Professional Engineers Hall of Fame Inductee . . .

Daniel M. McCauley, P.E.
Montana Professional License Number 6142PE

- Montana State University, Bozeman, Montana – B.S. with Honors, Civil Engineering, 1980. Member: Tau Beta Pi and Chi Epsilon
- Project proposal, design, management, and funding for a great variety of civil and structural engineering projects: Water systems, Wastewater systems, Street Drainage systems, Roads, bridges (more than 100 for State, County, Forest Service, and Private), Culverts, Rain Areas, Pedestrian Walkways, Parking Lots, Solid Waste Disposal, and Transfer Stations.
- Grant writer and planner helping small Montana governments secure multiple grants and loans. Grant/Loan providers included Department of Environmental Quality (DEQ), Rural Development (RD), Department of Natural Resources and Conservation (DNRC), Treasure State Endowment Program (TSEP), State Revolving Fund (SRF), Community Development Block Grant (CDBG), Economic Development Administration, and Environmental Protection Agency (EPA).
- Worked with a great variety of Montana cities, towns, and counties to implement public works improvement projects including: the counties of Madison, Stillwater, Sweet Grass, Lewis & Clark, Powell, Toole, Dawson, Hill, Granite, Glacier, Valley, Roosevelt, Fergus, Musselshell, Jefferson, and Mineral and the communities of Big Timber, Harrison, Chinook, Box Elder, Townsend, Twin Bridges, Chester, Glendive, Cut Bank, East Helena, Ennis, Fort Benton, Dillon, Helena, Whitehall, Big Sandy, Sheridan, Malta, Canyon Ferry, Clyde Park, Ophir, Jackson, Virginia City, Basin, Havre, Alder, Belt, Boulder, Butte, Cascade, Choteau, Hamilton, Roundup, Sunburst, and Wilsall.
- Member of Montana Board of Professional Engineers and Land Surveyors (1997-2005). Youngest person to serve as MT PELS Board Chairman (1999-2000). Served on Continuing Education Committee (Chair), Fire Protection Committee (Chair), Geomatics Advisory Committee (Chair), and Joint PELS/Architects Committee. Instrumental in creating the Montana Continuing Education requirement for renewal of Professional Engineering License. This requirement strengthened the annual Joint Engineers Conference which is attended each November by over 400 practicing engineers, presenters, and vendors.
- Member of Montana Society of Engineers (BCID 1985-1994, President 1993), State Mathcounts Coordinator (1992-1993), National Society of Professional Engineers (NSPE); Past Governor of Montana Professional Engineers in Private Practice; Helena Chapter of Engineers (President 1986-1989); Helena Chapter of NSPE Outstanding Engineer Award (1985); Order of the Engineer; American Society of Civil Engineers (ASCE); American Consulting Engineers Council (ACEC); Association of Conservation Engineers (ACE).
- Recipient of Montana State University College of Engineering Alumni Achievement Award (2017).
- Active member of Montana State University College of Engineering Advisory Committee (2016-Present) and Montana State University Civil Engineering Department Advisory Committee (2000-2009).

Inducted November 1, 2017

Presented by the Montana Society of Engineers
A state society of the National Society of Professional Engineers
From MSE Office

The MSE Board needs your input regarding the new NSPE Business Model. Under the new Model, you will pay $299 per year for your NSPE/MSE membership with no increase in programs or services. State ONLY membership will not be allowed. Let’s be honest. As a second society membership for most members, this is going to be too expensive. Membership will continue to erode.

The only button MSE does not meet under the new options is the total members. The model requires that it must be 10% of register PEs in the State. Since the advent of discipline specific societies, MSE has not had 300 plus members.

NSPE will not be offering any new services or programs for MSE. Lobbying, newsletters, work for the JEC Committee, Montana MathCounts, and general business of the Chapter will continue to happen at the local level.

Please reach out to any of the MSE Board members and share your thoughts. Be honest: Will you continue your membership at this new dues level?

Connie

2017-2018 MSE Board

Cammy Dooley, President
cammy.dooley@northwestern.com
Grant Gershmel, President Elect
grant.gershmel@hdrinc.com
Thomas J. Moody, Vice President
thomas.moody@northwestern.com
Randy Wall, Secretary/Treasurer
randy@eli-mt.com
Cory Hasiak, Immediate Past President
chasiak@simplicityced.com
Ken Phillips, HOD Representative
kennethphillips@bresnan.net
Connie Dempster, Executive Secretary
MSE Office
PO Box 20996
Billings, MT 59014-0996
406-259-7300
mse@assoc-mgt.com

Deadline for the Next Issue of this Newsletter is December 10, 2017
Submit articles and advertising to mse@assoc-mgt.com

Opportunity for up to 15 PDHs of Continuing Education

Seven Concurrent TRACKS

70 Sessions + Tour Option to Golden Sunlight Mine

On the website...
- More information on each of the sessions offered
- Pre-registration for your session
- Downloads of session materials
- Engineering Awards Banquet with Keynote Joe Weiss PE - “ICS Cyber Security is Different than IT Cyber Security”
- 2017 PE/HOF Inductee Daniel M. McCouey, PE.