Dear M&M Academy Members,

Greetings and salutations! As we begin 2017 I would like to reflect on 2016.

Dr. Braden T. Lusk was named Chair of Mining and Nuclear Engineering effective Aug. 15, 2016. Dr. Lusk was a professor of mining engineering at the University of Kentucky and is a two-time graduate of Missouri S&T. Academy members are currently participating on the search committee for a new Department Chair for Geosciences, Geological and Petroleum Engineering.

Our Strategic Planning Committee laid out the beginnings of our 5-year Strategic Plan for the Academy. We met with student leaders of the organizations within the programs areas supported by the Academy. We inducted six new members and are working to engage them and continue to engage our existing members.

We just held a National Election to elect the next President of the United States of American. What was interesting in this election was all of the commentary and discourse around the candidates and Americans did not fully go out and exercise the right to vote!

An Estimated 57.9 Percent of Eligible Voters Voted in 2016

<table>
<thead>
<tr>
<th>Voting Eligible</th>
<th>Voter Eligible Population</th>
<th>Voter Eligible Population Total</th>
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<tbody>
<tr>
<td>Population</td>
<td>Ballots</td>
<td>That Didn't Vote</td>
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<tr>
<td>138,884,643</td>
<td>60 percent</td>
<td>92,671,979 (40 percent)</td>
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<td>231,556,622</td>
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You may ask why I am bring this up? We just voted to invite nominees to become members of the Academy and our voting participation was worse than the National Election.

We need your participation and it begins with your input into who becomes a member of the Academy.

Please put our next meeting, April 20, 2017, on your calendar now and plan to attend!

I look forward to fulfilling our mission, around “Recognition”, “Consultancy”, “Ambassadorship” and “Support”.

Gregory D. Skannal
Chair, Mines and Metallurgy Academy

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**Kennedy Building Update**

The Kennedy building is nearing completion. Some areas of the building are already being used. The department will be hosting an open house on April 19th that coincides with the MNE development board meeting. Come join us for a tour of the finished building and some great lunch provided and prepared by Buckley Powder. The building will be operating at 100% with classes, labs, and research in Fall 2017!

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**Mines and Metallurgy Academy Business Meeting**

Missouri Ozark Room, Havener Center

**April 20, 2017**

- 8:00 AM Continental Breakfast
- 8:30 AM Meeting
- 11:30 AM Luncheon
- 3:30 PM Wrap up Meeting

Please plan to attend
Geological Sciences and Engineering
Geology, Geophysics, Geological and Petroleum Engineering

GSE Department has a New Name  (GGPE)

SPRING 2014:  GSE Growth Continues
♣ 698 Total GSE Students
♣ 437  Undergrad Students (includes FEP)
  104 G&G  /  97 GE  /  236 Petroleum
♣ 169 Graduate Students (on campus)
  61 G&G  /  38 GE  /  70 Petroleum
♣ 92 Ft Wood/Distance GE Grad Students
♣ $2.2 Million GSE Dept FY 2013 Research Expenditures

Outstanding GSE Research
♣ $2.3 Million GSE Dept FY 2013 New Research Awards

The S&T campus conducted a campus-wide strategic planning effort during the 2012-13 academic year. GSE was awarded funds from two competitive initiatives from this plan.

Two New Colleges with Deans:  Where does Geology and Geophysics belong?
In fall 2013 Chancellor Schrader decided that S&T would go back to two colleges, each with a dean. One college was to be Engineering and Computing, and the other college was to be Arts, Sciences and Business. This raised the question: Where does the Geology and Geophysics (G&G) program belong?
Technically G&G is a science program, but it is a key pillar of the GSE department. The Chancellor gave the GSE faculty the opportunity to choose.

After an excellent and fruitful discussion regarding the strategic future of the department and the relative contributions of the three programs, it was nearly a unanimous vote to keep the Geology and Geophysics program within GSE.

Malaysia Exchange Program
Petroleum Engineering students Caitlin Darnall and Colin Woolums are in Malaysia at UTP in Spring 2014. At right Caitlin takes a bite of Durian, a very strange local fruit.

GSE has the Most Female Students at S&T
♣ Geol Sci and Engrg (147 females)
♣ Biological Sciences (139)
♣ Civil, Arch E and Envir E (131)
♣ Mechanical and Aero (11)
♣ Chemical Engrg (104)
♣ Mech and Aero Engrg (984 students)
♣ Electrical and Computer Engrg (673)
♣ Geol Sci and Engrg (501)
♣ Computer Science (491)
♣ Civil, Arch E and Envir E (432)

GSE:  Now the 3rd Largest Dept at S&T
As of Spring 2014 fourth week numbers, (no freshmen FEP or distance students):

SPE Energy Symposium:  April 7, 2014
Mark your calendars and plan to attend the Third Annual Energy Symposium, organized and sponsored by the SPE student chapter. This one-day event features presentations by industry speakers, plus the annual Petroleum Engineering Banquet that evening (Monday, April 7).

GSE Advisory Board Meets:  April 25, 2014
GSE chair Ralph Flori is organizing a combined advisory board meeting for the GSE department on Friday, April 25. Some invitations have gone out. If you are interested in participating, please contact Dr. Flori at reflori@mst.edu.

New Name:  Department of Geosciences and Geological and Petroleum Engineering
As the GSE department was discussing the place of the G&G program, the campus also asked us if we should consider adding Petroleum to the department name since that is now the largest GSE program.
After discussing a number of new names, we settled on the Department of Geosciences and Geological and Petroleum Engineering (GGPE).

GSE received approval to search for a new faculty member in Petroleum Engineering in Reservoir Characterization.

GSE received funds for a new G&G Microscope Lab (with new microscopes, digital cameras, and projection facilities ideal for student collaboration).