Dear M&M Academy Members,

First let me start by saying thank you for electing me as your new Chair. I look forward to continuing the excellent work provided by the Academy to Missouri S&T. We have an excellent group of new officers and Committee Chairmen along with our tried and true Academy members that continue to serve. This blend of “seasoned” members and “new” members will only help to enhance the Academy and its mission.

I want to invite you to attend our regular meetings where you will find we are moving forward in our support of the seven programs affiliated with the Academy and the University as a whole. Our new Chair of the Strategic Planning Committee, Philip McPherson, and his committee have met to draft the Academy’s 5-year Strategic Plan that will be presented at the upcoming meeting during Homecoming Weekend. We met with the Staff of the University and reviewed the University’s Strategic Plan. I have included the Missouri S&T strategy statement below:

Missouri S&T will provide by 2020 a top return on investment among public research universities to students, employers, research partners and donors through extraordinary access to renowned expertise, services and experiential learning opportunities.

We then developed the Academy’s proposed 5-year plan consistent with the University’s plan. I hope you will take the time to review our proposed 5-year plan and share your comments, suggestions and questions as move forward in a more focused direction. As author Lewis Carroll said, “If you don’t know where you are going, any road will get you there.”

With the beginning of a new academic year, we will ask Dean Dr. Ian Ferguson to provide the Academy members an update on the University as part of our Academy meeting during Homecoming. We will also discuss the Academy’s future direction and efforts so your presence would be greatly appreciated.

We have met with and welcome working with Dr. Robert Marley, Academic Affairs and Office of the Provost and Dr. Ian Ferguson, Vice Provost and Dean, College of Engineering and Computing. The Chancellor has re instituted the role of Provost and Deans within the University. The Chancel lor has re instituted the role of Provost and Deans within the University.

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

Gregory D. Skannal
Chair, Mines and Metallurgy Academy
**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)**.

**As of Spring 2014 fourth week enrollment, the top departments in female student numbers are:**

- 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 Benefits from Campus Strategic Plan**

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)
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- 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):

**New Structure**

- Department Chair
- Associate Chair
- Lead graduate coordinator
- Lead undergraduate coordinator
- Future: Distance Ed Coordinator
- Program graduate coordinators (2)
- Program undergraduate coordinators (2)
- Standing committees

**Vault of Gerald Rupert Seismic Observatory**

**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.

**Spring 2015 Enrollment**

- 648 Total GSE Students (up 5%)
- 351 Undergrad Students (excludes FEP)
- 101 G&G / 85 GE / 155 Petroleum
- 167 Graduate Students (on campus)
- 57 G&G / 39 GE / 71 Petroleum
- 130 Ft Wood/Distance GE Grad Students
- More than $200,000 scholarships in AY 2014-2015

**Student Successes (Partial List)**

- GOPE students win grand prize of $15,000 at 1st Schlumberger Ocean Academic competition
- Dissertation Completion Fellowships (2)
- 2nd prize Chancellor’s Fellows Research Poster Session (Cory Reed)
- 1st Place Grad Student Presentation Award, First Intl. EOR Conference, Beijing (Na Zhang)

**Research**

- $2.5 Million GGPE Dept. FY 2015 Research Expenditures
- Rheometer
  - Purchased with strategic funds
- 21 full-time TT/TT faculty
  - (U/G student faculty ratio = 16.7:1)
- Number of peer-reviewed journal publications and citations are up
- Shari Dunn-Norman to Receive Society of Petroleum Engineers (SPE) Distinguished Membership Award
- Dave Rogers receives S&T STUCO Extraordinary Faculty/staff Award

**Students**

- Dunn-Norman
- Rogers

**Faculty**

- Dunn-Norman
- Rogers

**New Structure**

- Department Chair
- Associate Chair
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- Standing committees