Faculty Senate
@ Missouri University of Science and Technology

Faculty Senate Report to the Missouri Association of Faculty Senates
Missouri University of Science and Technology
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Continuing Activities

1. The Missouri S&T Geothermal Energy Project is still ongoing on campus. When completed in 2015, this project will cut annual energy use by 50%, reduce carbon dioxide emissions by 25,000 tons a year, and cut water usage by 8,000,000 gallons a year. Studies have shown that there has already been 50% savings by reducing energy. Once it is completed, it could be even more. There is a projected budget savings estimated at $1 million due to the Geothermal Project.
2. Faculty Workload Policy will be put into place.
3. There are discussions regarding Title IX and related possible CRR changes concerning students. The topic concerning faculty will be taken up this academic year.

Other Reports

1. We have a new administrative structure as well as a new Provost. Administrative Changes: Provost - Robert Marley, Vice Provost & Dean, College of Engineering and Computing – Ian Ferguson, and Vice Provost & Dean, College of Arts, Sciences, and Business – Stephen Roberts. Also the Vice Provost of Academic Affairs office was closed at the end of September.

2. There are 8519 students currently enrolled at Missouri S&T students.
3. There was a successful conversion to 4-digit course numbers on August 1st.
4. Celebration of Nations just took place on September 27, 2014.

Strategic Plan Update

1. Mission: Missouri S&T integrates education, research and application to create and convey knowledge that serves our state and helps solve the world's greatest challenges.
2. Vision: Missouri S&T will be the leading public technological research university for discovery, creativity and innovation.
3. Values: Lifelong Success, Creativity, Integrity, Sustainability, Partnerships, Inclusion.
4. Themes and Actions:
   A. Inspire creative thinkers.
      a) Require undergraduates to participate in at least one significant experiential learning activity.
      b) Foster innovation and creativity for faculty, staff and students.
      c) Establish a database of measures to define student access to faculty and staff.
      d) Create professional and leadership development opportunities for faculty, staff, alumni and students.
      e) Encourage and enhance collaboration in teaching and research.
   B. Raise visibility.
      a) Employ strategic hiring in select areas of expertise to support best-in-class achievements.
      b) Leverage S&T as Missouri's technological research university.

c) Develop a culture of excellence in research, scholarship and creative activity.
d) Execute a communication and marketing plan to raise the visibility and convey return on investment.
e) Use current and new technology that will enhance student learning and increase faculty productivity.
f) Improve infrastructure that enables faculty and student abilities and accomplishments.
g) Address administrative structural changes to facilitate strategy and enhance national visibility.

C. Ensure return on investment.
a) Modify current academic programs to ensure they enhance S&T's status as a national research university.
b) Centralize corporate relations to improve service to existing corporate partners and establish new partnerships.
c) Improve facilities to enhance research and student learning and expand experiential learning.
d) Promote inclusion and increase diversity to remain relevant and competitive in a global environment.
e) Create and implement a student and alumni lifetime engagement strategy.
f) Devise convenient technology-based methods of accessibility and engagement with external constituents.
g) Market campus strengths to both domestic and international audiences.
h) Exercise leadership in sustainability on campus by integrating sustainability practices in daily operations.
i) Conduct a comprehensive fundraising campaign to secure private support for campus priorities.

D. Increase meaningful interaction.
a) Create a comprehensive distance and online education strategy.
b) Enhance instructional labs and methods of developing lab experiences.

c) Enhance innovative use of technologies to improve and facilitate access.
d) Ensure renowned faculty teach and interact with undergraduate students.
e) Engage in transformative doctoral student recruiting, retention and placement.
f) Improve student, faculty and staff mentoring and advising.
g) Identify and remove barriers to graduate and reduce time to degree for students.
h) Expand access to renowned faculty through enhanced recruiting and retention.
i) Promote nontraditional activities outside of the classroom.
5. The plan is ongoing to add 33 new Faculty in two years, 100 in five years. Also 500 undergraduate students and 200-400 PhD students are planned to be added in five years.