Annual Progress At-A-Glance

FY16 Strategic Plan Updates

Graduate Funding
Missouri S&T will significantly increase funding for qualified Ph.D. and graduate students as part of a strategy to attract more students and strengthen its research programs. The initiative, which begins with the fall 2016 semester, will cover the tuition and supplemental fees for qualified students with a 0.375 or greater full-time equivalent appointment in all Missouri S&T Ph.D. programs. The same coverage extends to similarly qualified students pursuing master’s degrees in departments where a Ph.D. is not offered.

Sustainability
As part of the university’s commitment to sustainability, dining services has a contractual agreement that includes stipulations for effective waste management. Dining services promotes its activities which minimize the impact to the environment through reducing, reusing, and recycling – with a primary focus on reduction. This waste-reduction green-initiative program is called TrimTax.

The Miner Tank
The Miner Tank was developed and implemented in fall 2015. The event followed the format of the “shark tank” television program. Campus community members submitted proposals and presented their ideas, which was then followed by questions from the Innovation Team. Two events were held in fall 2015 and two in spring 2016. In academic year 2015-2016, 50 proposals were submitted and 20 were approved for funding by the Innovation Team.

NSF I-Corps Funding
The university was awarded NSF funding for becoming the state’s premier I-Corps site. An initial step in reaching this status is being established as a Node. I-Corps Nodes are designed to support regional needs for innovation education, infrastructure and research. The Missouri S&T Node will collaborate with other state universities within the region and the system. The Nodes work cooperatively to build, utilize and sustain a national innovation ecosystem that further enhances the development of technologies, products and processes that benefit society. The university is poised to become the Node for the region and the state.
Lever 1.2
The Innovation Team had a positive impact for faculty. To help become competitive for NSF grants, four new faculty presented their research and utilized this mechanism as seed grants to foster their research and innovation.

Lever 1.4
Missouri S&T promotes a multi-dimensional model of wellness that incorporates a whole-person concept and encourages lifelong health. In 2015-16, counseling experienced record-high numbers by providing 2,174 counseling sessions and 492 counseling screenings.

Lever 2.2
Several course-sharing initiatives include: 1) University of Missouri-Columbia for introduction to construction management, environmental engineering, and mathematics; 2) University of Missouri-St. Louis for classical optics, philosophy, ethics, sociology, nanotechnology, technical communication, English, technical writing, usability studies, proposal writing, technical editing, web-based communication, and history of technology; and 3) University of Missouri-Kansas City for electrical engineering in signal integrity, and interference control in electronic systems.

Lever 3.1
The teacher education programs, some of which are newer programs at Missouri S&T, were determined to be extremely valuable for the state. Students enrolled at the secondary education level are among the nation’s most prepared to enter classrooms, according to a recent National Council on Teacher Quality report. The report included Missouri S&T in its list of 35 colleges and universities in the nation to earn an “A.”

Lever 3.3
The baseline net number of tenured, tenure-track faculty was 285 and the net ranked non-tenure track faculty was 41. In fall 2016, the number of net tenured, tenure track faculty increased to 315 and the net number of ranked non-tenure track faculty increased to 60. The net number of total faculty has increased by 15 percent largely impacted by hiring an additional 42 faculty. We are well on our way to achieving our bold goal of 100 additional faculty hires.

Lever 4.6
Human resources, institutional equity and inclusion developed an eight-module professional development series for academic administrators: 1) understanding faculty recruitment and strategies for developing a diverse team; 2) university finances and the budgeting process; 3) shared governance and strategies on leading by influence; 4) policies and procedures beneficial to faculty and academic administrators; 5) conflict subjects that faculty and administrators typically encounter and tips; 6) Title VII and Title IX and the academic administrator’s role in compliance; 7) services and resources available in university advancement; and 8) factors influencing student success.

Planned gift commitments increased by 150 percent in dollar value over prior year in keeping with new emphasis and consistent marketing of planned gift opportunities.

The number of major gift solicitations increased by 71 percent.

Transforming the library into a Learning Commons has increased door count from 317,549 in 2013 to 424,066 in 2016, a 33 percent increase.

The Scholar’s Mine user base increased by 68 percent with 73,000 global users in 181 countries. Over 4,700 new documents were added with page views increasing by 55 percent.

$2.4 million was invested to build the Kennedy Experimental Mine Building to enhance research and student learning.

The second phase of Shrenk Hall renovations began with an $18.1 million investment for facility improvements.