CAMPUS UPDATE

Interim Chancellor Christopher G. Maples
Chancellor’s Advisory Committee on African American Recruitment and Retention, Oct. 29, 2017
NEW LEADERSHIP

Dr. Christopher Maples
Interim Chancellor
May 2017

Dr. Neil Outar
Interim Chief Diversity Officer
August 2017

Cuba Plain
Interim Vice Chancellor, Finance and Operations
September 2017
ACADEMIC LEADERSHIP

Dr. Stephen Roberts
Vice Provost and Dean
College of Arts, Sciences, and Business

Dr. Richard Wlezien
Vice Provost and Dean
College of Engineering and Computing
NEW CHAIRS

Dr. David Borrook
Geosciences, Geological and Petroleum Engineering

Dr. David Duvernell
Biological Sciences

Dr. George Markowsky
Computer Science
In response to reductions in state funding and an anticipated drop in international student enrollment, Missouri S&T enacted a plan in July 2017 to reduce expenditures for fiscal year 2018 to balance the budget.

- Eliminated 36 vacant staff positions and 15 occupied staff positions
- Streamlined upper administration by reducing number of direct reports to the chancellor from 8 positions to 7
- Reduced number of provost’s direct reports from 11 to 9
FALL 2017 BY THE NUMBERS

8,884 students: 6,920 undergrads and 1,964 grads

70% Missourians
18% out-of-state
11% international

77% men
23% women

73% white
13% minority
11% international
2% not specified

Steady Enrollment

Totals may not equal 100% due to rounding.
EXPANDING RESEARCH

Total Research Awards
FY16 – $33.5 million
FY17 – $35.2 million

Federal Awards
FY16 – $25.8 million
FY17 – $26.4 million

Number of Research Proposals Awarded
FY16 – 314
FY17 – 330

Dr. Julia Medvedeva, professor of physics, recently received a $1.6 million grant from the National Science Foundation to study amorphous materials, such as those used for flexible or transparent screens.
INNOVATION AND DISCOVERY

Research that tackles the world’s greatest challenges

Dr. Yinfa Ma’s P-scan technology could provide early cancer detection
Bioactive glass fiber developed at S&T and MO-SCI speeds healing of wounds
The state is served by Missouri S&T and UM System:

- **6,547** Missouri S&T students from Missouri
- **2,616** S&T employees & retirees
- **21,027** S&T alumni residing in Missouri

In Phelps County:
- **$962,000** UM construction projects with local vendors
- **$3.5 million** UM state tax revenue
- **$16.5 million** UM federal tax revenue
- **$98.6 million** UM salary and retirement income

2016 data reported by UM System
EXPERIENTIAL LEARNING

Students required to complete experiential learning component

Examples of qualifying experiences may include:
- Internships
- Study abroad
- Research
- Community service
- Leadership
- Design teams

Katelyn Brinker, CPE, EE ’17, joined S&T’s Mars Rover Design Team her first week of college. As an intern at Southwest Research Institute in San Antonio, she helped write software for spacecraft that will travel to Jupiter.
WORLD CHAMPS

Missouri S&T Mars Rover Design Team
Winners of the 2017 University Rover Challenge
SUCCESSFUL GRADUATES

Return on Investment

8th in the nation for annual ROI
6th in the nation for public universities
1st in Missouri colleges and universities

Average undergraduate starting salary: $62,314

Average graduate starting salary: $80,892

2017 Fall Career Fair:
315 employers
3,800 students

2016-2017 data from S&T’s Career Opportunities and Employer Relations

2017 PayScale College ROI Report
BECOMING A NATIONAL LEADER

Advanced Construction and Materials Laboratory

Missouri S&T, UM System partner to fund project through gifts and university funds
Building on Success

Missouri S&T Biosciences Complex

Phase I: James E. Bertelsmeyer Hall
(Chemical & Biochemical Engineering)
$22.3M—100% S&T + donors
Opened Fall 2014

Chemistry and Biological Sciences building upgrade
(Phases II & III)

- Phase II: $20M
  ($12M State; $8M S&T)
- Phase III: $54M request (~56% total project cost)
Missouri Compact for Education, Research, Engagement and Economic Development

> In conjunction with the University of Missouri System, Missouri S&T is contributing to this system-wide plan for all four UM campuses

> Much of our previous strategic planning has focused on processes and action items in strategic areas of compact

- Excellence in Student Success
- Excellence in Research and Creative Works
- Excellence in Community Engagement and Economic Development
- Inclusive Excellence
- Excellence in Planning, Operations and Stewardship
THANK YOU! QUESTIONS?