UNIVERSITY OF MISSOURI SYSTEM

Fiscal Year 2019

Appropriations Request for Operations

Appropriations Request for Operations

University of Missouri System

Fiscal Year 2019

UNIVERSITY OF MISSOURI SYSTEM

FY2019 APPROPRIATIONS REQUEST FOR OPERATIONS

TABLE OF CONTENTS

GENERAL OPERATIONS **PAGE**

President's Message…… 1

SUMMARIES:
Executive Summary 2
Statistical Highlights 6
Organizational Chart 8
Current Funds Revenues and Expenditures 9
Summary of Appropriations Request 12

CORE PROGRAMS: Core Budget Request Analysis 13
MU Medical School Partnerships …….. 16
UMKC/MSU Doctor of Pharmacy 19
UMKC School of Dentistry Satellite at MSSU…… 21
Missouri S&T and MSU Engineering Expansion ……..... 24

FY2019 NEW CORE DECISION ITEMS:
Funding for Improved Outcomes – Performance Funding 26
Existing Programs – Core Restoration 28
New Satellite Programs – Core Restoration 30
Missouri S&T Programs in Clay County ……..... 32

OTHER PROGRAMS

Summary of Other Program Requests 34
Missouri S&T Project Lead the Way…….. 35
UMSL International Collaboration……. 37
UMKC Neighborhood Initiative……. 40
Missouri Kidney Program 43
Missouri Telehealth Network & ECHO 50
State Historical Society of Missouri 61
Alzheimer's Program 66
Spinal Cord Injury Fund 69
State Seminary Fund 72
Missouri Returning Heroes Act 76

The University of Missouri System

The University of Missouri System is proud to be the state's premier public research and doctoral-level institution. Our collective vision is to be a premier land-grant institution dedicated to the creation and inclusive sharing of knowledge to advance the educational, health, cultural, economic and social interests of the people of Missouri, the nation and the world. UM System campuses are located across the state with urban campuses in the two largest cities and our flagship and technological campuses in the center. The University's patient care, outreach and extension services reach Missouri residents in all 114 counties in the state. We are educating more than 75,000 students, and in May, our campuses conferred a record high of more than 18,500 degrees. Our students are incredible and the lifeblood of our important work.

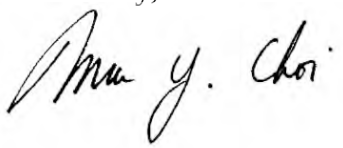
In recent months, we have taken bold actions to become a stronger university. Amid significant budget constraints, the campus and system communities identified nearly $40 million in strategic investments to be made in student success, research and creative breakthroughs, and meaningful engagement with Missouri citizens to improve their lives. We seek to achieve all of this while remaining good fiscal stewards and focusing on providing a great place to learn and work.

Our partnership with the State of Missouri is key to our ability to carry out our important mission. We appreciate the continued support we have received from the General Assembly and look forward to working together to deliver upon our important mission.

For our FY19 appropriations request, our top priority is the continuation of the FY18 core appropriations at the same level and the combination of our special line items into a single core line. We also seek an increase for performance funding to further invest in academic excellence. Additional requests include the restoration of core appropriations for programs that are either already established and productive or programs that will meet some of the state's most dire needs.

It is an exciting time for our University. Each day I get to wake up thinking about how I can contribute to our students' learning, our professors' pursuit of research and creative works and how all of these activities benefit Missouri's citizens. Serving as UM System president is a great honor and I'm enthusiastic about the future ahead.

Sincerely,



Mun Y. Choi
President

Summaries

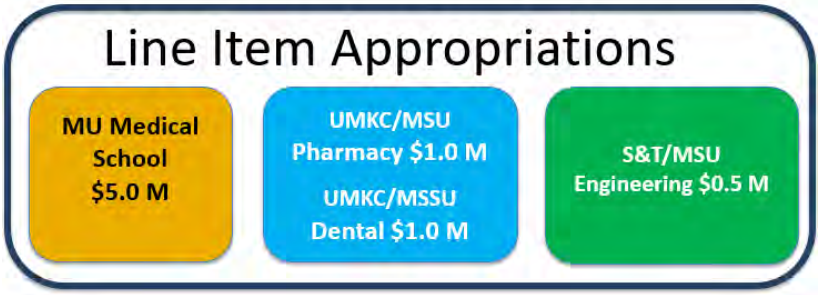
Executive Summary

The University's first priority for the FY19 request is the continuation of the FY18 core appropriations at the same level and combining the special line items into a single core line. The second priority is an increase for performance funding for new investments in academic excellence. This includes investments in research and creative works, student access and success, and outreach and engagement. Other requests include restoration of core appropriations for programs that either currently have students enrolled or will produce degrees that are in high demand. In addition, the University submits appropriation requests for other programs and the continuation of those core appropriation lines is included as a priority. The University also makes appropriation requests in accordance with legislative directives. The University's partnership with the state and its financial support are critical for the University to continue fulfilling its mission, and playing an instrumental role in Missouri's future.

Funding for Core Operations

The University's first priority is to maintain its base level of support to ensure it can carry out the mission of teaching, research, public service, and economic development. There are five core components, totaling **$426.7 million**:

The $419.2 million **Operating Appropriation** contributes 37% of the University's operating fund revenue budget used for student instruction, research, public service, and supporting activities. Continued core funding is required to provide high quality student instruction, improvement in academic productivity, expansion of research and creative works, outreach and engagement with the citizens of Missouri, and continued focus on student access and success.



MU Medical School Expansion funding is for the partnership of MU School of Medicine in Columbia and CoxHealth and Mercy health systems in Springfield to address the state's physician shortage. This is a continuing appropriation since FY14. The core amount is $5.0 million. When fully funded at $10.0 million in state appropriations, the clinical campus in Springfield and expanded educational facilities in Columbia allows MU to accept 128 medical students annually, with 128 students in the program in Springfield in Fall 2017. If full general revenue of $10.0 million is not received, the University must consider the long term viability of the program, which could include eliminating the program after graduating current students in the pipeline.

The **UMKC/MSU Pharmacy Program** appropriation is for the satellite Doctor of Pharmacy program at Missouri State University. This appropriation began in FY12. The satellite program admits up to 30 students/class and admitted the first class in fall 2014. The core funding is $1.0 million. A state appropriation funding of $2.0 million a year is needed for the full class size of 30 students to continue.

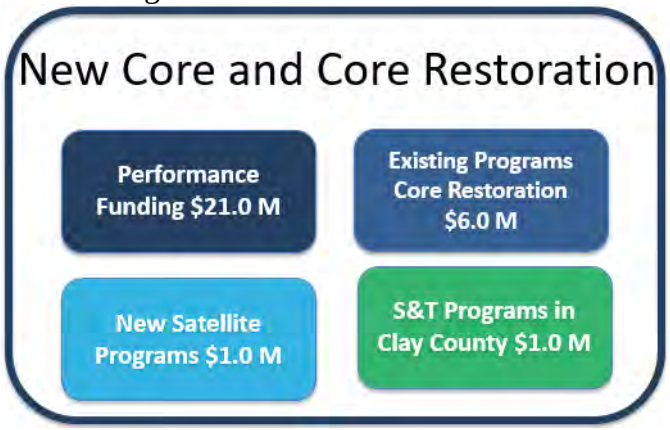
The **UMKC Satellite Dental Program at MSSU** appropriation is for the University of Missouri-Kansas City to partner with

Missouri Southern State University (MSSU) in Joplin to address the shortage of dentists in that region. UMKC needs $1.5 million in recurring state support to cover the program costs and make the program sustainable. Due to state funding uncertainty the program is in the startup phase and not ready to admit students. Most of the FY17 funding was withheld. The UM appropriation submission includes a request to continue the $1.0 million core operating appropriation and a new operating request for $500,000 ongoing.

The **Missouri S&T Expansion of MSU Engineering** appropriation is to expand engineering cooperative degree programs to include mechanical engineering. In 2008, S&T entered into a partnership with Missouri State University (MSU) to provide undergraduate degree programs in Civil Engineering and Electrical Engineering. In FY17, MSU and S&T jointly requested an expansion of the partnership to deliver undergraduate Mechanical Engineering programs. Both institutions set the price tag for program implementation at $2.0 million with each receiving $1.0 million. Most of the funding was withheld in FY17. The FY18 TAFP bill appropriates $1.0 million total providing each campus $500,000. The UM appropriation submission includes a request to continue the $500,000 operating appropriation and a new operating request for $500,000 ongoing. We anticipate MSU to include this same request. The program is in the startup phase and not accepting students.

New Requests for Funding

In addition to core funding requirements, the University's appropriations request for operations focuses on new investments which will better position the University to serve its students and to contribute to the future economy of Missouri and the welfare of its citizens. The FY19 request will include these line items totaling $29.0 million.



The University's second priority is an increase in core operating appropriations of $21.0 million for **performance funding**. This increase is computed as 5% of the FY18 core appropriation ($419.2 million). The proposed increase in performance funding would be utilized to make new investments in academic excellence. Academic excellence encompasses the academic enterprise and delivery of the highest quality education and transformational research to serve the citizens of Missouri and beyond. Academic excellence will align each department's activities with the central mission of the institution. Investments are required to achieve continued improvement in academic productivity, expansion of research and creative works, outreach and engagement with the citizens of Missouri, and continued focus on student access and success. While the University will continue to reprioritize and make strategic investment in these areas, continued investment by the state is critically important to the University's success.

Two of the University's **existing professional programs** were not fully funded in FY18 and currently have students enrolled. The University will request that the **core be restored** on these two line items. The MU Medical School partnership in southwest Missouri requires $10.0 million in state appropriations, for fixed costs associated with the facilities and infrastructure, as well as variable costs per student. A $5.0 million core restoration, will provide $10.0 million which allows for the full expansion of 32 students per year. Likewise, the UMKC Pharmacy satellite at MSU requires $2.0 million in state appropriations to admit 30 new students each year, which is a $1.0 million restoration to the core.

In addition, **two programs in startup** need **core restoration** prior to accepting students. There is both a regional and national need to improve access to oral health services. The University of Missouri Kansas City (UMKC) and Missouri Southern State University (MSSU) are prepared to address this need in Missouri. There are currently no students enrolled in this program, but it represents a critical program for the state and region. UMKC needs $1.5 million in recurring state support to cover their program costs and make the program viable. The UM appropriation submission includes a request to continue the $1.0 million operating appropriation and a new operating request for $500,000 ongoing.

Missouri University of Science and Technology (S&T) and Missouri State University (MSU) have partnered to provide undergraduate degrees in engineering. In FY17, MSU and S&T jointly requested and received a $2.0 million state appropriation to expand the partnership to deliver undergraduate Mechanical Engineering programs. This expansion is important to the southwest region of the state to meet a significant regional education need and is important for economic development. The state appropriation was reduced to $1.0 million for FY18. The UM appropriation submission includes a request to continue the $500,000 operating appropriation and a new operating request for $500,000 to return to the necessary $1.0 million for S&T.

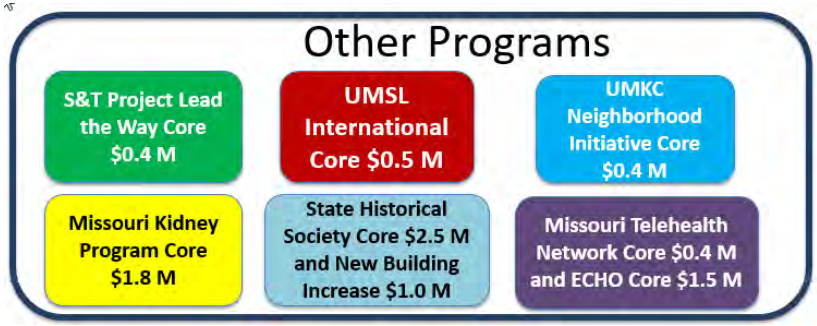
At the request of the north Kansas City business community, S&T is prepared to provide select, limited graduate degree and certificate **programs in Clay County**. A $1.0 million appropriation is needed to cover the estimated cost to provide distance education delivery of these programs. This funding is needed on a recurring basis to have a viable program.

Other Programs Requests

Missouri Kidney Program, Missouri Telehealth Program, and State Historical Society of Missouri, St. Louis International Collaboration, S&T Project Lead the Way, and UMKC Neighborhood Initiative comprise other programs. As with the other operating appropriations, the first goal in the FY19 appropriations request is to maintain FY18 core appropriations. In addition, the State Historical Society of Missouri (SHSMO) will occupy a new state funded building in Columbia in FY19 and has submitted a request for new funding. The SHSMO will need recurring funds for the building operating costs and will need additional positions due to the greatly enhanced public access.

The University requests continued **core** funding totaling $6.6 million for the **Other Curator Programs** of Missouri Kidney Program, Missouri Telehealth, Telehealth Show-Me Extension for Community Healthcare Outcomes (ECHO), State Historical Society, S&T Project Lead the Way, St. Louis International Collaboration and UMKC Neighborhood Initiative. Each program is a specific line item in the

appropriation House Bill and therefore has separate appropriation forms.



Requests for Legislative Requirements

The University annually makes certain requests, one-time or recurring, in accordance with legislative authority. Requests are made for the Alzheimer's Research Fund, Spinal Cord Injury Research Fund, Missouri Returning Heroes Act, and Seminary Fund in accordance with legislative requirements. Of these four requests only two, Missouri Returning Heroes and Alzheimer's Research are funded from state general revenue. The others have special fund sources that cannot be used for any other purpose.

The University requests appropriations to fund the **Alzheimer's Research Fund** in accordance with section 172.801, RSMo, which stipulates the Board of Curators shall request annually an appropriation for Alzheimer's research of not less than $200,000 adjusted for inflation. In addition, the request is to include administrative costs not to exceed ten percent of the appropriation for research. The FY19 request if for $484,440.

Appropriations for the **Spinal Cord Injury Fund** supports research in Missouri in the area of spinal cord injuries and congenital or acquired disease processes. The Spinal Cord Injury Fund was established by legislature in 2001 and is funded from non-General Revenue sources. State statute stipulates the Board of Curators shall request annually an appropriation for research awards from the Spinal Cord Injury Fund. Research awards are a maximum of $250,000 per award. In FY2017 and the most recent prior years, $1.5 million has been appropriated for this effort. Recent increased research demand requires a one-time increase to $2.0 million for FY2018. This appropriation request is composed of appropriation for research funds and for administrative funds as provided by legislation. The appropriation is made from the Spinal Cord Injury Fund held at the state for this purpose.

Appropriations from the **Seminary Fund** provide income for the general operation of University of Missouri College of Agriculture and School of Mines and Metallurgy. Per state statute, the Seminary monies belong to the University but the state must hold the securities. A request must be made to the state annually for earnings, $275,000, from the monies to be distributed to the University. Requests must also be made for any reinvestment, $3.0 million, of the principal from maturing investments.

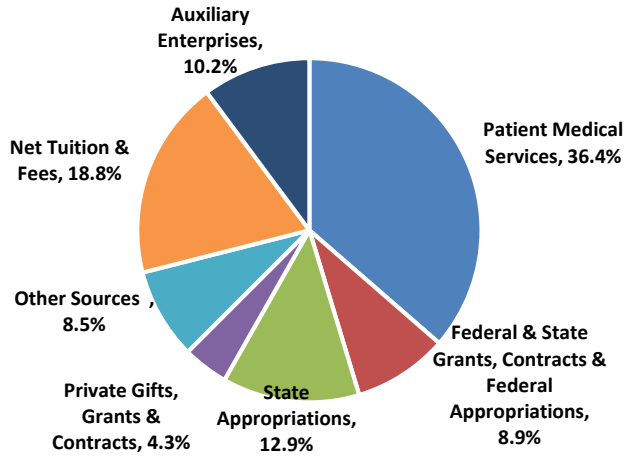
The University is requesting additional appropriations equivalent to tuition waived in FY2017 for the **Missouri Returning Heroes Education** Act of $749,693. This act limits the amount of tuition charged to combat veterans who meet certain criteria but provides that institutions may request the tuition waived in the following year's appropriation request. The statute limits the request to the prior year's impact only. Based on the most recent data available, 1,731 unduplicated students have benefited from this program at $4.8 million.

Statistical Highlights

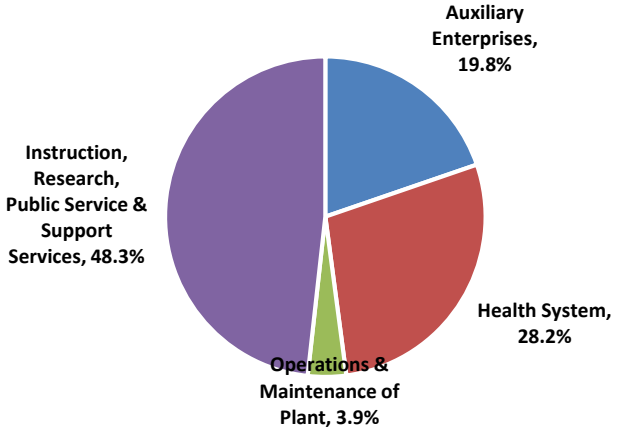
Campuses	Columbia, Kansas City, Missouri S&T, and St. Louis
Enrollment, Fall 2016	
MU:	33,239
UM-Kansas City:	16,936
Missouri Science & Technology:	8,835
UM-St. Louis:	16,989
Total enrollment:	75,999
(77 percent undergraduate, 23 percent graduate and first professional students)	
Total degrees granted, FY17:	18,426
Total faculty, Fall 2016: *(66 percent full-time, 34 percent part-time)*	5,900
Total staff, Fall 2016: *(77 percent full-time, 23 percent part-time)*	17,953
Total graduate assistants, Fall 2016:	3,871
Net book value of capital assets: *(as of June 30, 2017)*	$3.3 billion
Land holdings: *(as of June 30, 2017)*	20,213 acres
Grants and contracts expenditures, FY17	
Federal:	$211 million
Other:	$132 million
(includes state, industry, not-for-profit organizations and other)	
Total grants and contracts:	$343 million
Total gifts, FY17: *(includes unrestricted private gifts, capital gifts and private gifts for endowment)*	$138 million
Endowment & similar funds *(stated at market as of June 30, 2017)*	
Market value:	$1,516,189,271
Endowment per student:	$26,238

FY17 data shown where available, otherwise prior year data reported.

Total Current Fund Revenues, FY17 $3.2 billion



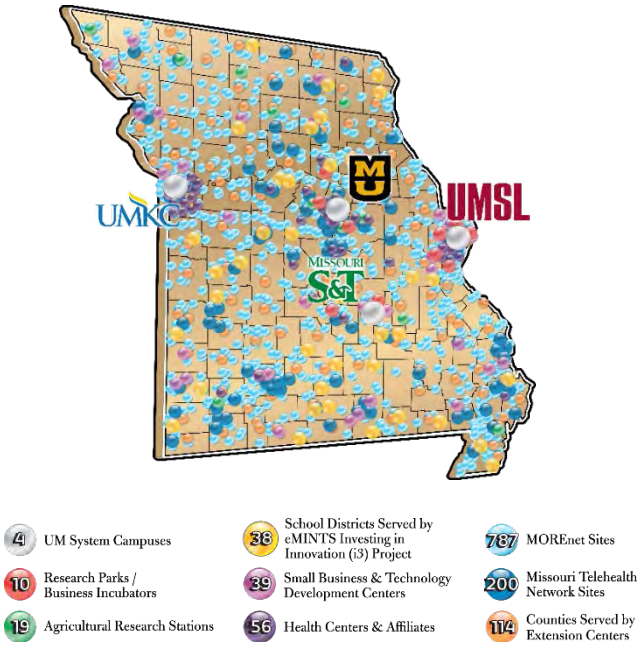
Total Current Fund Expenditures, FY17 $2.8 billion



Economic Development: Investing in Missouri

- UM generated $3.2 billion in total revenues in 2017.
- With more than 32,000 employees in the state, UM was Missouri's 2nd largest employer in 2016.
- Three business startups were created around UM technologies in 2016 and the university earned $16.4 million in licensing income.
- UM received 184 new invention disclosures in 2016.

UM System Statewide Reach

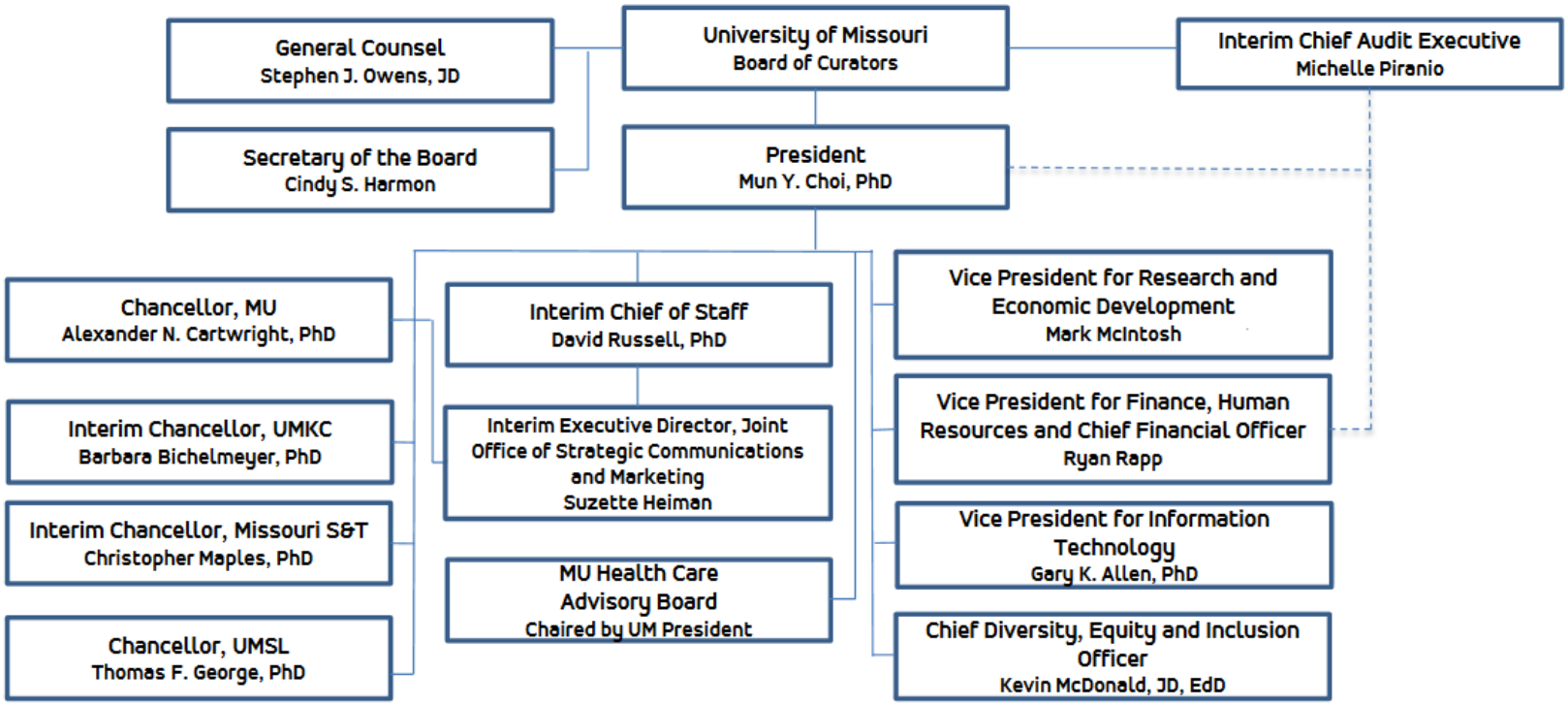


FY17 data shown where available, otherwise prior year data reported.

UM Statewide Impact

Students from Missouri, 2016:	56,520
Alumni in Missouri, 2015:	261,865
Selected school alumni:	
Medicine:	4,124
Nursing:	10,130
Other Health Professions:	5,359
Veterinary Medicine:	1,743
Dentistry:	2,696
Pharmacy:	1,947
Engineering:	28,199
Optometry:	533
Agriculture:	13,141
Law:	8,496
Employees & Retirees living in Missouri, 2016:	39,840
State tax revenue generated in Missouri by University employees & retirees, 2016:	$55.6 million
Construction projects & contracts awarded in Missouri in 2016:	512 projects for $165 million
Extension impact, 2016:	2,101,678 contacts Served by 114 Extension Centers
MU Health System impact, 2016:	633,755 clinic visits, 23,446 Surgery Cases, 1,602,531 Laboratory Tests
MOREnet impact, 2016:	59 higher education institutions, 521 K-12 schools & 121 Libraries Served

University of Missouri System Organizational Chart



Current Funds Revenues and Expenditures
University of Missouri System
Actual Revenues & Expenditures
FY2016

	General Operations	Other Unrestricted E&G	Auxiliary Operations	Hospital Operations	Total Unrestricted	Restricted Non-Grants	Grants & Contracts	Total Restricted	Total Current Funds
Revenues									
Tuition and Fees	824,407,295	73,939,198			898,346,493	8,419	550,835	559,254	898,905,747
Scholarship Allowance/Expense	(196,074,526)	(1,919,817)			(197,994,343)	(28,215,751)	(70,778,325)	(98,994,076)	(296,988,419)
Net Student Fees	628,332,769	72,019,381			700,352,150	(28,207,332)	(70,227,490)	(98,434,822)	601,917,328
State Appropriations	433,722,475				433,722,475	5,090,140		5,090,140	438,812,615
Federal Appropriations	17,291,695				17,291,695			-	17,291,695
Federal Grants and Contracts					-		155,301,433	155,301,433	155,301,433
Federal Pell Grants					-		57,313,437	57,313,437	57,313,437
State Grants and Contracts					-		47,685,016	47,685,016	47,685,016
Other Government Grants and Contracts					-		10,005,296	10,005,296	10,005,296
Other Grants & Contracts	(19,985)				(19,985)		67,368,250	67,368,250	67,348,265
Gift Revenues	1,194,012	528	17,553,793		18,748,333	57,208,074		57,208,074	75,956,407
Recovery of F & A	47,897,574				47,897,574		(47,628,140)	(47,628,140)	269,434
Endowment & Investment Income	28,713,001	8,292,218	539,960	761,625	38,306,804	47,534,200	7,857	47,542,057	85,848,861
Sales & Services/Net Auxiliary Revenue	23,910,602	2,809,005	615,924,571	839,776,850	1,482,421,028	141,655	9,074	150,729	1,482,571,757
Other Income	53,370,421	6,553,648			59,924,069	5,007,162	1,148,522	6,155,684	66,079,753
Total Revenues	**1,234,412,564**	**89,674,780**	**634,018,324**	**840,538,475**	**2,798,644,143**	**86,773,899**	**220,983,255**	**307,757,154**	**3,106,401,297**
Transfers	(66,293,484)	(64,381,810)	(32,801,470)	(438,430,108)	(601,906,872)	2,341,789	(900,043)	1,441,746	(600,465,126)
Total Revenues and Transfers	**1,168,119,080**	**25,292,970**	**601,216,854**	**402,108,367**	**2,196,737,271**	**89,115,688**	**220,083,212**	**309,198,900**	**2,505,936,171**
Expenditures									
Salaries & Wages	711,807,807	53,681,453	277,904,227	250,477,741	1,293,871,228	32,113,358	114,212,339	146,325,697	1,440,196,925
Benefit Expense	214,656,378	39,935,579	67,222,370	84,531,199	406,345,526	8,580,297	26,337,621	34,917,918	441,263,444
Total Compensation	926,464,185	93,617,032	345,126,597	335,008,940	1,700,216,754	40,693,655	140,549,960	181,243,615	1,881,460,369
Other Expenses	245,055,142	(52,192,513)	203,569,448	382,185,409	778,617,486	41,607,926	80,044,319	121,652,245	900,269,731
Total Expenditures	**1,171,519,327**	**41,424,519**	**548,696,045**	**717,194,349**	**2,478,834,240**	**82,301,581**	**220,594,279**	**302,895,860**	**2,781,730,100**
Change in Net Assets	**(3,400,247)**	**(16,131,549)**	**52,520,809**	**(315,085,982)**	**(282,096,969)**	**6,814,107**	**(511,067)**	**6,303,040**	**(275,793,929)**
Expenditures by Program Classification									
Instruction	563,200,470	32,202,465			595,402,935	39,509,169	8,792,008	48,301,177	643,704,112
Research	61,090,531	1,961,488			63,052,019	8,473,982	122,580,822	131,054,804	194,106,823
Public Service	54,107,697	3,942,680			58,050,377	17,737,303	83,136,151	100,873,454	158,923,831
Academic Support	142,059,131	5,710,278			147,769,409	8,031,544	822,744	8,854,288	156,623,697
Student Services	87,845,758	1,042,919			88,888,677	4,265,671	5,106,405	9,372,076	98,260,753
Institutional Support	151,985,323	(5,296,755)			146,688,568	2,522,767	148,268	2,671,035	149,359,603
Operation & Maintenance of Plant	111,230,417	1,861,444			113,091,861	611,930	7,881	619,811	113,711,672
Total E&G Expenditures	1,171,519,327	41,424,519	-	-	1,212,943,846	81,152,366	220,594,279	301,746,645	1,514,690,491
Auxiliaries			548,696,045		548,696,045			-	548,696,045
Hospitals				717,194,349	717,194,349	1,149,215		1,149,215	718,343,564
Total Expenditures by Program Classification	1,171,519,327	41,424,519	548,696,045	717,194,349	2,478,834,240	82,301,581	220,594,279	302,895,860	2,781,730,100

Current Funds Revenues and Expenditures
University of Missouri System
Actual Revenues & Expenditures
FY2017

	General Operations	Other Unrestricted E&G	Auxiliary Operations	Hospital Operations	Total Unrestricted	Restricted Non-Grants	Grants & Contracts	Total Restricted	Total Current Funds
Revenues									
Tuition and Fees	794,923,586	73,103,703	-	-	868,027,289	9,029	542,394	551,423	868,578,712
Scholarship Allowance/Expense	(194,137,769)	(1,725,366)	-	-	(195,863,135)	(27,800,815)	(65,191,433)	(92,992,248)	(288,855,383)
Net Student Fees	600,785,817	71,378,337			672,164,154	(27,791,786)	(64,649,039)	(92,440,825)	579,723,329
State Appropriations	412,749,459			194,001	412,943,460	4,968,890	-	4,968,890	417,912,350
Federal Appropriations	17,389,098				17,389,098			-	17,389,098
Federal Grants and Contracts					-		158,613,033	158,613,033	158,613,033
Federal Pell Grants					-		52,875,402	52,875,402	52,875,402
State Grants and Contracts					-		49,222,765	49,222,765	49,222,765
Other Government Grants and Contracts					-		11,711,054	11,711,054	11,711,054
Other Grants & Contracts	(1,000)				(1,000)		70,527,867	70,527,867	70,526,867
Gift Revenues	1,107,254	507	16,293,638		17,401,399	51,029,800	-	51,029,800	68,431,199
Recovery of F & A	49,692,091	-	-		49,692,091	(9,708)	(49,378,815)	(49,388,523)	303,568
Endowment & Investment Income	28,511,480	66,602,305	490,573	11,115,351	106,719,709	50,177,368	(30,489)	50,146,879	156,866,588
Sales & Services/Net Auxiliary Revenue	29,251,137	3,083,426	623,154,974	944,513,899	1,600,003,436	176,000	5,300	181,300	1,600,184,736
Other Income	43,338,974	6,272,233	-		49,611,207	6,190,815	2,933,609	9,124,424	58,735,631
Total Revenues	**1,182,824,310**	**147,336,808**	**639,939,185**	**955,823,251**	**2,925,923,554**	**84,741,379**	**231,830,687**	**316,572,066**	**3,242,495,620**
Transfers	333,406	(82,402,270)	(67,636,044)	(57,601,595)	(207,306,503)	(2,122,017)	(1,154,641)	(3,276,658)	(210,583,161)
Total Revenues and Transfers	**1,183,157,716**	**64,934,538**	**572,303,141**	**898,221,656**	**2,718,617,051**	**82,619,362**	**230,676,046**	**313,295,408**	**3,031,912,459**
Expenditures									
Salaries & Wages	693,038,108	55,628,101	319,558,083	277,242,888	1,345,467,180	32,074,265	118,229,326	150,303,591	1,495,770,771
Benefit Expense	207,392,762	32,210,681	74,959,686	89,573,531	404,136,660	8,353,964	27,802,281	36,156,245	440,292,905
Total Compensation	900,430,870	87,838,782	394,517,769	366,816,419	1,749,603,840	40,428,229	146,031,607	186,459,836	1,936,063,676
Other Expenses	257,672,133	(70,049,124)	167,317,015	431,446,955	786,386,979	34,868,080	84,504,017	119,372,097	905,759,076
Total Expenditures	**1,158,103,003**	**17,789,658**	**561,834,784**	**798,263,374**	**2,535,990,819**	**75,296,309**	**230,535,624**	**305,831,933**	**2,841,822,752**
Change in Net Assets	**25,054,713**	**47,144,880**	**10,468,357**	**99,958,282**	**182,626,232**	**7,323,053**	**140,422**	**7,463,475**	**190,089,707**
Expenditures by Program Classification									
Instruction	565,274,429	27,193,022			592,467,451	39,727,511	8,043,174	47,770,685	640,238,136
Research	62,612,305	1,387,159			63,999,464	6,557,416	122,839,421	129,396,837	193,396,301
Public Service	52,139,622	3,558,688			55,698,310	17,369,989	94,252,479	111,622,468	167,320,778
Academic Support	139,923,107	5,138,988			145,062,095	4,701,274	161,334	4,862,608	149,924,703
Student Services	85,833,388	635,512			86,468,900	3,750,723	5,065,362	8,816,085	95,284,985
Institutional Support	142,772,167	(19,659,367)			123,112,800	1,735,979	164,365	1,900,344	125,013,144
Operation & Maintenance of Plant	109,547,985	(464,344)			109,083,641	600,912	9,489	610,401	109,694,042
Total E&G Expenditures	1,158,103,003	17,789,658			1,175,892,661	74,443,804	230,535,624	304,979,428	1,480,872,089
Auxiliaries			561,834,784		561,834,784			-	561,834,784
Hospitals				798,263,374	798,263,374	852,505		852,505	799,115,879
Total Expenditures by Program Classification	1,158,103,003	17,789,658	561,834,784	798,263,374	2,535,990,819	75,296,309	230,535,624	305,831,933	2,841,822,752

Current Funds Revenues and Expenditures
University of Missouri System
Budget Revenues & Expenditures
FY2018

	General Operations	Other Unrestricted E&G	Auxiliary Operations	Hospital Operations	Total Unrestricted	Restricted Non-Grants	Grants & Contracts	Total Restricted	Total Current Funds
Revenues									
Tuition and Fees	793,160,777	67,481,521	-	-	860,642,298	5,000	-	5,000	860,647,298
Scholarship Allowance/Expense	(203,594,400)	(527,365)	-	-	(204,121,765)	(31,409,180)	(69,730,550)	(101,139,730)	(305,261,495)
Net Student Fees	589,566,377	66,954,156			656,520,533	(31,404,180)	(69,730,550)	(101,134,730)	555,385,803
State Appropriations	415,491,211				415,491,211	5,090,140		5,090,140	420,581,351
Federal Appropriations	17,618,032				17,618,032			-	17,618,032
Federal Grants and Contracts					-		161,820,000	161,820,000	161,820,000
Federal Pell Grants					-		51,000,000	51,000,000	51,000,000
State Grants and Contracts					-		47,349,000	47,349,000	47,349,000
Other Government Grants and Contracts					-		10,900,000	10,900,000	10,900,000
Other Grants & Contracts					-		71,786,000	71,786,000	71,786,000
Gift Revenues	924,899	-	14,213,600	15,179	15,153,678	37,667,451	-	37,667,451	52,821,129
Recovery of F & A	46,233,140	-	-	-	46,233,140	-	(46,233,140)	(46,233,140)	-
Endowment & Investment Income	28,869,900	15,023,066	8,813	2,082,206	45,983,985	48,727,074	-	48,727,074	94,711,059
Sales & Services/Net Auxiliary Revenue	25,532,258	2,829,025	622,862,833	938,350,098	1,589,574,214	98,565	-	98,565	1,589,672,779
Other Income	31,486,787	4,610,848	-	-	36,097,635	5,324,332	110,858	5,435,190	41,532,825
Total Revenues	**1,155,722,604**	**89,417,095**	**637,085,246**	**940,447,483**	**2,822,672,428**	**65,503,382**	**227,002,168**	**292,505,550**	**3,115,177,978**
Transfers	9,363,708	(69,494,331)	(61,020,751)	(102,242,716)	(223,394,090)	5,150,853	(743,181)	4,407,672	(218,986,418)
Total Revenues and Transfers	**1,165,086,312**	**19,922,764**	**576,064,495**	**838,204,767**	**2,599,278,338**	**70,654,235**	**226,258,987**	**296,913,222**	**2,896,191,560**
Expenditures									
Salaries & Wages	673,540,706	55,261,409	322,827,366	291,293,471	1,342,922,952	29,678,581	97,457,605	127,136,186	1,470,059,138
Benefit Expense	209,364,207	23,246,010	80,117,512	98,315,657	411,043,386	8,422,363	29,843,995	38,266,358	449,309,744
Total Compensation	882,904,913	78,507,419	402,944,878	389,609,128	1,753,966,338	38,100,944	127,301,600	165,402,544	1,919,368,882
Other Expenses	299,888,509	(46,958,068)	172,176,546	450,338,582	875,445,569	32,583,108	98,957,388	131,540,496	1,006,986,065
Total Expenditures	1,182,793,422	31,549,351	575,121,424	839,947,710	**2,629,411,907**	**70,684,052**	**226,258,988**	**296,943,040**	**2,926,354,947**
Change in Net Assets	**(17,707,110)**	**(11,626,587)**	**943,071**	**(1,742,943)**	**(30,133,569)**	**(29,817)**	**(1)**	**(29,818)**	**(30,163,387)**
Expenditures by Program Classification									
Instruction	589,097,985	19,914,029			609,012,014	35,700,793	10,864,465	46,565,258	655,577,272
Research	57,955,555	344,770			58,300,325	5,434,305	111,451,094	116,885,399	175,185,724
Public Service	49,427,092	3,115,239			52,542,331	18,938,820	98,112,121	117,050,941	169,593,272
Academic Support	132,587,269	4,075,532			136,662,801	4,375,324	-	4,375,324	141,038,125
Student Services	86,352,494	(37,020)			86,315,474	3,527,467	5,831,308	9,358,775	95,674,249
Institutional Support	148,993,426	5,659,501			154,652,927	1,636,516	-	1,636,516	156,289,443
Operation & Maintenance of Plant	118,379,601	(1,522,700)			116,856,901	332,635	-	332,635	117,189,536
Total E&G Expenditures	1,182,793,422	31,549,351	-	-	1,214,342,773	69,945,860	226,258,988	296,204,848	1,510,547,621
Auxiliaries			575,121,424		575,121,424			-	575,121,424
Hospitals				839,947,710	839,947,710	738,192		738,192	840,685,902
Total Expenditures by Program Classification	1,182,793,422	31,549,351	575,121,424	839,947,710	2,629,411,907	70,684,052	226,258,988	296,943,040	2,926,354,947

UNIVERSITY OF MISSOURI SYSTEM
SUMMARY OF FY2019 APPROPRIATIONS REQUEST FOR OPERATIONS

	DECISION ITEM NUMBER	STATE APPROPRIATIONS
Appropriation Base (Core) Total		$419,172,068
Appropriation MU Medical School Partnerships		5,000,000
Appropriation UMKC/MSU Pharmacy Doctorate Program		1,000,000
Appropriation UMKC School of Dentistry Satellite at MSSU		1,000,000
Appropriation Missouri S&T and MSU Engineering Expansion		500,000
Total Recurring Appropriation Core		**$426,672,068**
RECURRING INCREASE REQUESTED:		
Funding for Improved Outcomes - Performance Funding	1	$21,000,000
Existing Programs - Core Restoration	2	6,000,000
New Satellite Programs - Core Restoration	3	1,000,000
Missouri S&T Programs in Clay County Restoration	4	1,000,000
Total Recurring Increase Requested		$29,000,000
TOTAL RECURRING REQUEST FY2019		**$455,672,068**

Core Programs

UNRESTRICTED EDUCATIONAL AND GENERAL

CORE BUDGET REQUEST ANALYSIS
FORM 4

Department: **Higher Education – Unrestricted**
Level 2: **University of Missouri System**

CORE

The University of Missouri System's foremost priority in the FY2019 request for operations is the funding of its FY2018 core state appropriation of $427 million. While the University understands the demands on the state budget, it is critically important that the FY2019 core begin at $427 million.

MISSION STATEMENT

University of Missouri
The mission of the University of Missouri, as a land-grant university and Missouri's only public research and doctoral-level institution, is to discover, disseminate, preserve, and apply knowledge. The university promotes learning by its students and lifelong learning by Missouri's citizens, fosters innovation to support economic development, and advances the health, cultural, and social interests of the people of Missouri, the nation, and the world.

University of Missouri-Columbia (MU)
Our distinct mission, as Missouri's only state-supported member of the Association of American Universities, is to provide all Missourians the benefits of a world-class research university. We are stewards and builders of a priceless state resource, a unique physical infrastructure and scholarly environment in which our tightly interlocked missions of teaching, research, service and economic development work together on behalf of all citizens. Students work side by side with some of the world's best faculty to advance the arts and humanities, the sciences and the professions. Scholarship and teaching are daily driven by a commitment to public service — the obligation to produce and disseminate knowledge that will improve the quality of life in the state, the nation and the world.

University of Missouri-Kansas City (UMKC)
UMKC's mission is to lead in life and health sciences; to deepen and expand strength in the visual and performing arts; to develop a professional workforce and collaborate in urban issues and education; and to create a vibrant learning and campus life experience.

Missouri University of Science and Technology (Missouri S&T)
Missouri S&T integrates education, research and application to create and convey knowledge that serves our state and helps solve the world's great challenges.

University of Missouri-St. Louis (UMSL)
The University of Missouri-St. Louis provides excellent learning experiences and leadership opportunities for a diverse student body. Outstanding faculty and staff, innovative research, and creative partnerships foster synergies that advance the welfare of our stakeholders and benefit the global society.

DESCRIPTION

The University of Missouri was founded in 1839 as the first state university west of the Mississippi River. With passage of the Morrill Act by Congress in 1862, the university became a land-grant institution. The university includes four campuses, University of Missouri Health Care, and a university-wide administrative unit. All instructional and research programs are conducted on the campuses, while system administration provides support and administrative services. University of Missouri Extension disseminates information regarding the outcomes of instruction and research to the general public. The campuses are headed by Chancellors, who report to the President. The President is responsible to the Board of Curators, which is the University's governing body appointed by the Governor and confirmed by the Senate.

Today, the University of Missouri is one of the nation's largest higher education institutions with almost 76,000 students on four campuses and an extension program with activities in every county of the state. In fall 2016, the total enrollment was 75,999 with 17,614 of this number enrolled in graduate and professional programs. At that time, the full-time teaching and research staff numbered 3,917. In FY2017, the campuses granted 18,426 degrees.

The Columbia campus offers academic programs through 15 schools and colleges. In fall 2016, the total enrollment was 33,239 with 7,362 of this number enrolled in graduate and professional programs. At that time, the full-time teaching and research staff numbered 2,328. In FY2017, the campus granted 9,150 degrees. The Kansas City campus offers academic programs through 12 schools and colleges. Its fall 2016 total enrollment was 16,936, which included 5,232 graduate and professional students. The campus employed 729 full-time teaching and research staff. In FY2017, the campus awarded 3,580 degrees. The Missouri S&T campus offers academic programs through 2 colleges. In fall 2016, its total enrollment was 8,835 students, which included 1,929 enrolled in graduate programs. Full-time teaching and research staff numbered 409. In FY2017, the campus awarded 2,473 degrees. The St. Louis campus offers academic programs through 11 schools and colleges, and had a fall 2016 total enrollment of 16,989, which included 3,091 graduate and professional students. The campus employed 451 full-time teaching and research staff and awarded 3,223 degrees in FY2017.

The university's primary responsibility is to serve students and citizens of Missouri, although the university enrolls students from other states and countries to contribute to greater world understanding and to provide a richer learning environment for Missouri residents. The university is also the only public institution in the state which emphasizes basic and applied research and doctoral education as major academic missions. This emphasis on advanced education and research attracts faculty at the forefront of knowledge in their disciplines. As part of an international research community, the university engages in research and creative programs to improve the quality of life and to contribute to a higher standard of living throughout the world. The university has the unique responsibility to the state of providing access to quality educational experiences for Missouri’s future health care providers. In addition, as part of a land-grant university, University of Missouri Health Care’s core mission is to enhance the health of all people, especially Missourians. Through exceptional clinical service, University of Missouri Health Care supports the education and research missions of the University of Missouri. Their vision: Through discovery and innovation, University of Missouri Health Care will be the health system people choose for exceptional service and exemplary health care.

The university's four campuses are quite diverse in their missions, clientele served, and areas of programmatic strength. This diversity enhances the university's ability to respond to the educational needs of Missourians and provides opportunities for cooperative programs. In serving the needs of its clientele, the university emphasizes its unique capabilities as Missouri's largest and most comprehensive public institution of higher education.

In 2003, the Board of Curators officially added economic development to teaching, research, and service as primary missions of the university. Given the important role of higher education in the 21st century, the University of Missouri also recognizes the growing obligation to convert its research into results for the public good. The university now feeds a pipeline of scientific and technological innovation for our knowledge-based economy, and our role is critical to the economic future of the institution, state, and nation.

The university has the responsibility to bring its unique educational programs and problem-solving capabilities to Missouri citizens throughout the state. University of Missouri Extension programs originating from each campus and through extension centers in each county are directed to deal with locally identified issues where higher education resources can assist.

The university recognizes that no single institution in the state can address all of the higher education needs of Missouri. Thus, the university, through its planning and budgeting processes, is identifying those programs and services of highest priority to the state and is allocating resources to enhance and strengthen these programs.

PROGRAM DESCRIPTION

Department of Higher Education
Program Name: University of Missouri
Program is found in the following core budget(s): University of Missouri - MU Medical School Partnerships

1a. What strategic priority does this program address?

Graduate licensed physicians in southwest Missouri

1b. What does this program do?

In response to the shortage of physicians in Missouri, the University of Missouri School of Medicine in Columbia and CoxHealth and Mercy Health Systems in Springfield increased medical school enrollment at MU by creating a clinical campus in Springfield, Missouri. At the University of Missouri School of Medicine in Columbia and most other medical schools, students complete four years of education to receive a medical degree and become a physician. Students primarily spend the first two years learning foundational aspects of medicine in educational facilities — such as classrooms, labs, libraries and auditoriums — from a variety of biomedical scientists and physician educators. Students spend much of the final two years of medical school in patient-care facilities such as hospitals and clinics. This clinical component of medical student education involves directly interacting with patients under the supervision of physicians practicing in a variety of specialties, such as family and community medicine, internal medicine, pediatrics, surgery, neurology, psychiatry, obstetrics and gynecology.

Each of the past two years, MU received more than 2,400 applicants to medical school, but it only had the capacity to accept 96 new medical students annually. The clinical campus in Springfield and expanded educational facilities in Columbia allows MU to accept additional medical students annually, with 30-35 students from each class completing the second two years of their medical education in Springfield, resulting in 128 students in the Springfield campus expansion. The first expanded medical school class admitted 8 students in FY15, FY16, FY17 and will continue with 32 in FY18, and 32 each year thereafter, if full funding is received.

If full general revenue of $10.0 million is not received, the University must consider the long term viability of the program, which could include eliminating the program after graduating current students in the pipeline.

2. What is the authorization for this program, i.e., federal or state statute, etc.? (Include the federal program number, if applicable.)

MU Medical School is a component of the University of Missouri and falls under the following State statutes Section 172.010 - 172.950.

3. Are there federal matching requirements? If yes, please explain.

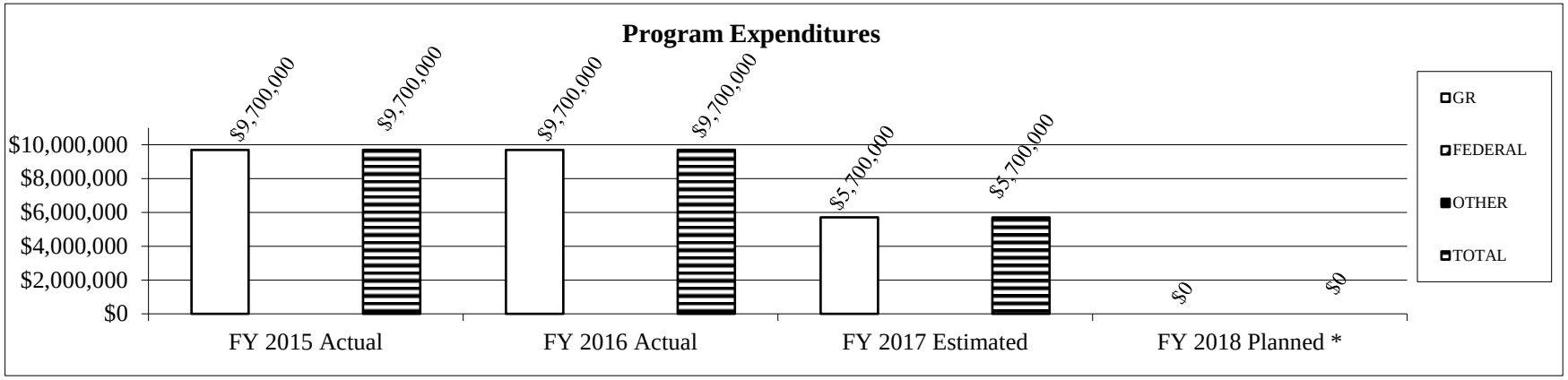
No

4. Is this a federally mandated program? If yes, please explain.

No

Department of Higher Education
Program Name: University of Missouri
Program is found in the following core budget(s): University of Missouri - MU Medical School Partnerships

5. Provide actual expenditures for the prior three fiscal years and planned expenditures for the current fiscal year.



* $5.0 million appropriated shown net of Governor's extraordinary withholding

6. What are the sources of the "Other " funds?

No "other" funds.

7a. Provide an effectiveness measure.

A measure of effectiveness for this program is the Residency Match rate.
Base Target: 94% match rate
Stretch Target: 98% match rate

Additional students admitted to MU Medical School to increase the number of physicians:

FY2014 Planned	FY2015 Admitted	FY2016 Admitted	FY2017 Admitted	FY2018 Admitted	FY2019 Planned	FY2020 Planned
0	8	8	8	32	32	32

The first expanded medical school class of 32 students was admitted in FY18 and the cohort expansion will continue in FY19 and FY20 if all funding is provided.

PROGRAM DESCRIPTION

Department of Higher Education
Program Name: University of Missouri
Program is found in the following core budget(s): University of Missouri - MU Medical School Partnerships

7b. Provide an efficiency measure.

A measure of efficiency success for this program is the Graduation Rate for medical students.
Base Target: 93% graduation rate
Stretch Target: 98% graduation rate

Number of student graduates from expanded medical school program:

	FY2016 Planned	FY2017 Planned	FY2018 Planned	FY2019 Planned	FY2020 Planned	FY2021 Planned	FY2022 Planned
Additional graduates from expansion	0	0	8	8	8	32	32
Total potential graduates from expansion	96	96	104	104	104	128	128

7c. Provide the number of clients/individuals served, if applicable.
32 additional students per year, beginning in FY2018, assuming full funding is provided

7d. Provide a customer satisfaction measure, if available.
Student surveys will be implemented in FY2018.

PROGRAM DESCRIPTION

Department of Higher Education
Program Name: University of Missouri
Program is found in the following core budget(s): University of Missouri - UMKC/MSU Doctor of Pharmacy Program

1a. What strategic priority does this program address?

Graduate licensed pharmacists in southwest Missouri

1b. What does this program do?

This funding supports UMKC's development of a satellite Doctor of Pharmacy program at Missouri State University. The staffing and distance education costs are part of UMKC's budget. The pharmacy students on the MSU campus are UMKC students, but receive student services at MSU. The funds covering costs for these services are transferred from UMKC to MSU. The satellite program admits up to 30 students/class and admitted the first class of students in fall 2014. In FY14-15, the program completed renovation of 15,000 sq. ft. state-of-the-art distance education space on the MSU campus, and hired an Associate Dean to lead the site along with its first two faculty members and a administrative support staff. In FY16, the school admitted the second class of students and hired five new faculty and an additional administrative staff. In FY17, the school admitted the third class of students. The budget supports an IT specialist for MSU to assist with distance education, and funds to cover these costs are transferred from UMKC to MSU. Once this infrastructure is solidified, the sustaining appropriation supports the personnel and distance education costs for the program.

2. What is the authorization for this program, i.e., federal or state statute, etc.? (Include the federal program number, if applicable.)

UMKC Pharmacy is a component of the University of Missouri and falls under these statutes Section 172.010 - 172.950.

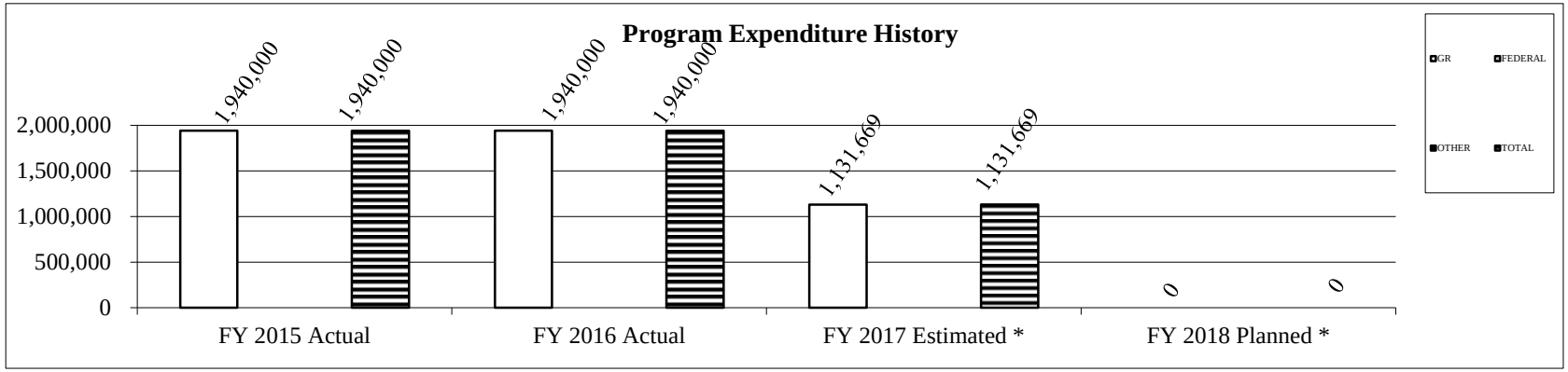
3. Are there federal matching requirements? If yes, please explain.

No

4. Is this a federally mandated program? If yes, please explain.

No

5. Provide actual expenditures for the prior three fiscal years and planned expenditures for the current fiscal year.



* $2.0 million appropratiated in FY15, 16 and 17 shown net of 3% Governor's withholding and extraordinary withholding. $1.0 million appropriated in FY18 shown net of extraordinary withholding.

Department of Higher Education
Program Name: University of Missouri
Program is found in the following core budget(s): University of Missouri - UMKC/MSU Doctor of Pharmacy Program

6. What are the sources of the "Other " funds?

N/A

7a. Provide an effectiveness measure.

Additional students admitted to joint program to increase the number of licensed pharmacists:

FY2015 Admitted	FY2016 Admitted	FY2017 Planned	FY2018 Planned	FY2019 Planned	FY2020 Planned	FY2021 Planned
30	30	30	30	30	30	30

In June of 2014 The Accreditation Council for Pharmacy Education (ACPE) confirmed the accreditation status of the satellite program. The first class of this satellite program admitted 30 students in Fall 2014.

7b. Provide an efficiency measure.

Number of student graduates from joint pharmacy program:

FY2017 Planned	FY2018 Planned	FY2019 Planned	FY2020 Planned	FY2021 Planned	FY2022 Planned	FY2023 Planned
0	30	27	30	30	30	30

Base target: Graduate 94% of students admitted
Stretch target: Graduate 98% of students admitted

7c. Provide the number of clients/individuals served, if applicable.

N/A

7d. Provide a customer satisfaction measure, if available.

N/A

PROGRAM DESCRIPTION

Department of Higher Education
Program Name: Univ of MO-Kansas City School of Dentistry Satellite at MO Southern State Univ
Program is found in the following core budget(s): Missouri Southern State University and University of Missouri-Kansas City

1a. What strategic priority does this program address?

Graduate licensed dentists in southwest Missouri

1b. What does this program do?

The University of Missouri-Kansas City (UMKC) campus is partnering with Missouri Southern State University (MSSU) in Joplin to educate and provide additional oral health care providers in the southern Missouri region. This initiative brings the collective expertise of two of Missouri's public universities together: UMKC School of Dentistry is the state's only public dental school and MSSU has an outstanding dental hygiene program.

In FY17, UMKC and MSSU jointly requested and received appropriations for this effort. MSSU was appropriated $2.0 million and UMKC was appropriated $1.0 million in recurring operating and $500,000 in capital appropriations. Funding was withheld and UMKC received $565,831 of the $1.0 million of recurring funding. In FY18, there was no operating appropriation. There was a capital appropriation for UMKC of $482,439. UMKC requires $1.5 million recurring to deliver the program and is requesting a $500,000 increase in FY19. This increase would make the total recurring appropriation $3.5 million.

Once the infrastructure is solidified, the sustaining appropriation supports the additional personnel and distance education costs for the program. The staffing and distance education costs will be a part of UMKC's budget. The students on the MSSU campus will be registered at UMKC, will be considered and treated as UMKC students, but will have the opportunity for ancillary services at MSSU such as parking, library facilities, and other student activities. MSSU is providing physical space and other support costs needs of the new program.

2. What is the authorization for this program, i.e., federal or state statute, etc.? (Include the federal program number, if applicable.)

UMKC Dental is a component of the University of Missouri and falls under Section 172.010 - 172.950, RSMo.
MSSU is authorized in Section 174, RSMo.

3. Are there federal matching requirements? If yes, please explain.

No

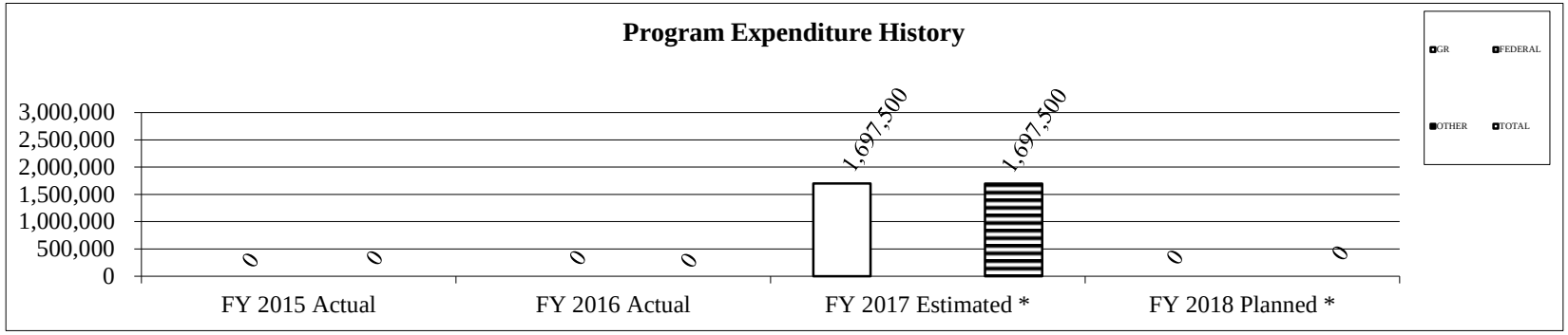
4. Is this a federally mandated program? If yes, please explain.

No

PROGRAM DESCRIPTION

Department of Higher Education
Program Name: Univ of MO-Kansas City School of Dentistry Satellite at MO Southern State Univ
Program is found in the following core budget(s): Missouri Southern State University and University of Missouri-Kansas City

5. Provide actual expenditures for the prior three fiscal years and planned expenditures for the current fiscal year.



* $3.0 million total appropriation for both campuses shown net of Governor's extraordinary withholdings. The FY17 expenditure data reflects $1,131,669 to MSSU and $565,831 to UMKC.

6. What are the sources of the "Other " funds?

N/A

7a. Provide an effectiveness measure.

Address the shortage of oral health service providers by increasing the number of oral health students graduating annually. DDS students in the cooperative satellite program:

FY2021 Planned	FY2022 Planned	FY2023 Planned	FY2024 Planned
15	30	45	60

A 15 cohort group of candidates will be admitted. When fully implemented, 60 students will be a part of the 4 year program.

These numbers are based on a full $1.5 million in recurring funds appropriated to UMKC. Delays will occur if that funding is not secured. $1.5 million in recurring funding is required for UMKC to sustain the program accreditation.

PROGRAM DESCRIPTION

Department of Higher Education
Program Name: Univ of MO-Kansas City School of Dentistry Satellite at MO Southern State Univ
Program is found in the following core budget(s): Missouri Southern State University and University of Missouri-Kansas City

7b. Provide an efficiency measure.

Number of student graduates from joint dental program:

Base target: Graduate 93% of students admitted

Stretch target: Graduate 100% of students admitted

These numbers are based on a full $1.5 million in recurring funds appropriated to UMKC. Delays will occur if that funding is not secured. $1.5 million in recurring funding is required for UMKC to sustain the program accreditation.

7c. Provide the number of clients/individuals served, if applicable.

This program will address oral health needs in the community and region. Estimates on the potential clients served are not yet available.

7d. Provide a customer satisfaction measure, if available.

N/A

PROGRAM DESCRIPTION

Department of Higher Education
Program Name: University of Missouri
Program is found in the following core budget(s): Missouri S&T and MSU Engineering Expansion

1a. What strategic priority does this program address?

Increase mechanical engineer graduates in southwest Missouri

1b. What does this program do?

In 2008, Missouri University of Science and Technology (S&T) entered into a partnership with Missouri State University (MSU) to provide undergraduate degree programs in Civil Engineering and Electrical Engineering. In FY17, MSU and Missouri S&T jointly requested and received an expansion of the partnership to deliver undergraduate Mechanical Engineering programs. $2.0 million was appropriated with each institution to receive a $1.0 million, but extraordinary withholdings limited the funding to start this program. Appropriations for FY18 were reduced to $1.0 million total with each institution scheduled to receive half before extraordinary withholdings of the full appropriation.

When fully funded, this program will increase the accessibility of engineering education in Missouri and, in particular, the rapidly growing Southwestern part of the State. This growth is driven in part by expanding technology-based industry in the region which requires more engineering graduates. By leveraging the existing partnership between Missouri S&T and MSU, a significant increase in engineering degrees delivered in Springfield can be realized in a cost-effective manner.

Staffing costs will be incurred by both institutions and distance education costs are part of S&T's budget. The engineering students on the MSU campus are S&T students, but receive non-engineering courses and student services at MSU. Once this infrastructure is solidified, the sustaining appropriation supports the personnel and distance education costs for the program as well as the student service costs.

2. What is the authorization for this program, i.e., federal or state statute, etc.? (Include the federal program number, if applicable.)

Missouri University of Science and Technology is a component of the University of Missouri under these statutes Section 172.010 - 172.950, RSMO.
Missouri State University is authorized in Section 174, RSMo.

3. Are there federal matching requirements? If yes, please explain.

No

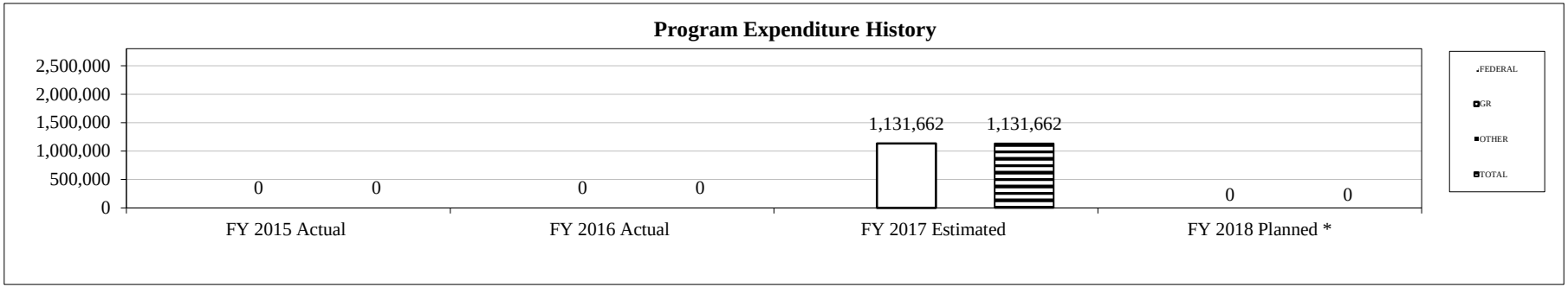
4. Is this a federally mandated program? If yes, please explain.

No

PROGRAM DESCRIPTION

Department of Higher Education
Program Name: University of Missouri
Program is found in the following core budget(s): Missouri S&T and MSU Engineering Expansion

5. Provide actual expenditures for the prior three fiscal years and planned expenditures for the current fiscal year.



*Net of Governor's extraordinary withholding. The expenditure data reflects equal appropriation to both institutions.

6. What are the sources of the "Other " funds?

N/A

7a. Provide an effectiveness measure.

Base Target: Additional students to be admitted to this joint program to increase the number of mechanical engineers.

FY19 Planned	FY20 Planned	FY21 Planned	FY22 Planned	FY23 Planned
15	50	75	100	100

Stretch Target: Additional students to be admitted to this joint program to increase the number of mechanical engineers.

FY19 Planned	FY20 Planned	FY21 Planned	FY22 Planned	FY23 Planned
20	60	100	140	180

In addition to these admitted students, it is anticipated there will be change of degree admits from other majors.

7b. Provide an efficiency measure.

Number of student graduates from joint mechanical engineer program:

FY21 Planned	FY22 Planned	FY23 Planned	FY24 Planned
25	35	40	40

Core Decision Items

NEW DECISION ITEM REQUEST

UNRESTRICTED EDUCATIONAL AND GENERAL
FORM 5

Department: **Higher Education Unrestricted**
Level 2 **University of Missouri System**
Level 3 **All Programs**
Decision Item Name: **Funding for Improved Outcomes – Performance Funding: $21,000,000**
Decision Item Rank: **1 of 4**

I. PURPOSE AND CRITERIA FOR INCLUSION IN REQUEST

The Performance Funding initiative was developed by the CBHE Performance Funding Task Force and adopted by the Coordinating Board for Higher Education in 2012 as a viable way to link increased appropriations to base funding for higher education institutions to performance. Pursuant to SB 492 (2014), performance funding applies to at least 90 percent of new appropriations from the state, and the funding earned in one year will be added to the University's base appropriation the following year. Performance measures are evaluated on a three-year rolling average with success being defined as improvement over the prior three-year average, or sustained excellence.

The University's first new funding priority for FY19 is to successfully achieve our five performance measures and qualify for 100% of the available funding. To address this initiative, the University has chosen performance funding measures (Funding Based on Improved Outcomes) to hold itself accountable in 5 key performance areas:

- Student success and progress
- Increased degree attainment
- Quality of student learning
- Financial responsibility and efficiency
- Improvement in research and development activities

Without increased investment by the state, the ability of the University to meet its performance funding goals and to help the state meet its goals is at risk. The University is requesting an increase in core operating appropriations of $21.0 million, computed as a 5 percent increase on the FY18 core.

II. DESCRIPTION

The University of Missouri has a unique role to play in improving the quality of life for all Missourians through sustainable excellence in each of our missions: teaching, research, public service, and economic development. The University has made difficult decisions to address the FY18 budget targets and strategic investments. The University will continue to make bold decisions and invest in programs of excellence as part of a long-term plan. These actions will result in a stronger institution of higher education with an emphasis in growing research and creative works, high-quality affordable education,

engaged service and outreach to citizens and industries in Missouri. The partnership with the state and its financial support are critical for the University to continue fulfilling its mission, and playing an instrumental role in Missouri's future.

The proposed increase in performance funding would be utilized to make new investments in academic excellence. Academic excellence encompasses the academic enterprise and delivery of the highest quality education and transformational research to serve the citizens of Missouri and beyond. Academic excellence will align each department's activities with the central mission of the institution. Investments are required to achieve continued improvement in academic productivity, expansion of research and creative works, outreach and engagement with the citizens of Missouri, and continued focus on student access and success. In addition, investment is required in facilities to support these activities. While the University will continue to reprioritize and make strategic investment in these areas, continued investment by the state is critically important to the University's success.

In summary, the University is requesting that the state invest an additional $21.0 million in increased operating support for the University in FY19.

III. COST EXPLANATION

	State Appropriations
Funding for Improved Outcomes	$21,000,000
Total Increase in State Appropriations	**$21,000,000**

IV. EVALUATION OF OUTCOMES

The University will demonstrate improvement or sustained excellence in the following key performance areas and by denoted measures:

- Student success and progress: Freshman to sophomore retention
- Increased degree Attainment: Six-year cohort graduation rates
- Quality of student learning: Professional/occupational licensure exam pass rates greater than 90%
- Financial Responsibility and Efficiency: Percent of total education and general expenditures expended on the core mission
- Improvement in research and development activities: Science and engineering expenditures sponsored by business and industry

NEW DECISION ITEM REQUEST

UNRESTRICTED EDUCATIONAL AND GENERAL
FORM 5

Department: **Higher Education-Unrestricted**
Level 2 **University of Missouri-Other Programs**
Level 3 **University of Missouri – Columbia and Kansas City**
Decision Item Name: **Existing Programs – Core Restoration: $6,000,000**
Decision Item Rank: **2 of 4**

I. PURPOSE AND CRITERIA FOR INCLUSION IN REQUEST

This request is for state general revenue funds to support two degree programs already in place. Two of our existing professional programs were not fully funded in FY18 and currently have students enrolled. The University requests that the core be restored on these two line items. The MU Medical School partnership in southwest Missouri requires $10.0 million in state appropriations, for fixed costs associated with the facilities and infrastructure, as well as variable costs per student. A $5.0 million core restoration, will provide $10.0 million which allows for the full expansion of 32 students per year. Likewise, the UMKC Pharmacy satellite at MSU requires $2.0 million in state appropriations to admit 30 new students each year. A $1.0 million restoration to the core is required in addition to the $1.0 million current appropriation for the full program to continue.

II. DESCRIPTION

In response to the shortage of physicians in Missouri, the University of Missouri School Of Medicine in Columbia and CoxHealth and Mercy Health Systems in Springfield increased medical school enrollment at MU by creating a clinical campus in Springfield, Missouri. At the University of Missouri School of Medicine in Columbia and most other medical schools, students complete four years of education to receive a medical degree and become a physician. Students primarily spend the first two years learning foundational aspects of medicine in educational facilities — such as classrooms, labs, libraries and auditoriums — from a variety of biomedical scientists and physician educators. Students spend much of the final two years of medical school in patient-care facilities such as hospitals and clinics. This clinical component of medical student education involves directly interacting with patients under the supervision of physicians practicing in a variety of specialties, such as family and community medicine, internal medicine, pediatrics, surgery, neurology, psychiatry, obstetrics and gynecology. The clinical campus in Springfield and expanded educational facilities in Columbia, if fully funded, would allow MU to accept 128 medical students annually, with 30-35 students from each class completing the second two years of their medical education in Springfield. The medical school admitted 8 students in the expanded class in FY15, FY16, FY17, and 32 in FY18, and if funded would continue admitting 32 each year.

In FY14 UMKC developed a satellite Doctor of Pharmacy program at Missouri State University to expand the pharmacy graduates in the state by allowing MSU a satellite opportunity. The satellite program admits up to 30 students/class and admitted the first class of students in fall 2014. In FY14-15, the program completed renovation of 15,000 sq. ft. state-of-the-art distance education space on the MSU campus, and hired an Associate Dean to lead the site along with its first two faculty members and an administrative support staff. In FY16, the school admitted the second class of students and hired five new faculty and an

additional administrative staff. In FY17, the school admitted the third class of students. In FY18 the first cohort of 30 students will graduate.

The University is requesting that both appropriations be restored to the full funding levels of $10.0 million and $2.0 million, respectively. Without this full level of funding these programs will not be able to continue at the same student levels. The University is committed to allowing the current students to complete their degrees. Both programs are being evaluated to determine continuance or elimination once the current students have matriculated.

III. COST EXPLANATION

The University is requesting that core appropriations be restored to both of these programs and in addition that these line items be rolled into the core appropriation line.

	State Appropriations
MU Medical School Partnership	$5,000,000
UMKC/MSU Doctor of Pharmacy	1,000,000
Total Restoration of State Appropriation	**$6,000,000**

This restoration combined with the existing core appropriations would make the total funding for these programs:

MU Medical School Partnership	$10,000,000
UMKC/MSU Doctor of Pharmacy	2,000,000
Total State Appropriation (TAFP plus restoration request)	**$12,000,000**

III. EVALUATION OF OUTCOMES

- Increase in the number of medical and pharmacy students graduating annually.
- Increase the number of graduates that remain in Missouri.
- Increase the number of our graduates that practice in underserved rural or urban areas.

NEW DECISION ITEM REQUEST

UNRESTRICTED EDUCATIONAL AND GENERAL
FORM 5

Department: **Higher Education-Unrestricted**
Level 2 **University of Missouri-Other Programs**
Level 3 **University of Missouri - Kansas City and Science & Technology**
Decision Item Name: **New Satellite Programs – Core Restoration: $1,000,000**
Decision Item Rank: **3 of 4**

I. PURPOSE AND CRITERIA FOR INCLUSION IN REQUEST

This request is for state general revenue funds to support two cooperative degree programs in the startup phase, no students are enrolled pending stable funding. The first program brings the collective expertise of two of Missouri's public universities together, University of Missouri Kansas City (UMKC) and Missouri Southern State University (MSSU), to address oral health care needs in Missouri by increasing health care professional graduates. The second program expands the existing partnership between the Missouri University of Science and Technology (S&T) and Missouri State University (MSU) to increase the accessibility of engineering education in the rapidly growing southwestern part of the state. MSU and Missouri S&T jointly requested and received an expansion of the partnership to deliver undergraduate Mechanical Engineering degrees. Both programs need $500,000 in recurring funding to be restored to full funding for the University of Missouri efforts.

II. DESCRIPTION

The University of Missouri-Kansas City's proposed partnership with Missouri Southern State University (MSSU) in Joplin can address the need to provide additional oral health care providers to the region. According to a recent feasibility study, the location of a Satellite Program of the DDS program of UMKC in Joplin could provide an additional 15 dentists per year for the region. Data from the literature and other programs, support the idea that the likelihood of students remaining in the region upon graduation is best, if educated more regionally. UMKC's School of Dentistry has a long history of addressing oral health needs in the community and region. Each year, more than $500,000 in uncompensated care is donated back to the community and the region. Students in the program provide care in 26 community health centers as a part of the curriculum, improving oral health and solidifying the core value of giving back to the community for our students. The impact on the region (NOAIOP Economic Development Numbers) is as follows: output impact $13.2 million; earnings impact $4.15 million with an employment impact of 104 jobs. The UMKC School of Dentistry received an appropriation of $1.0 million in recurring appropriation for this initiative in FY17, but needs an additional $500,000 for a total of $1.5 million in required recurring state program support.

The full $1.5 million in recurring state support is needed to meet UMKC costs. Key points:

- UMKC DDS academic program will be utilized via distance education with an onsite pre-clinical skills laboratory and onsite dental clinic at MSSU Health Science building.
- Candidates for admission to the satellite location will be required to meet the same rigorous qualification criteria as those at the UMKC location.
- A 15 cohort group of candidates would be admitted. When fully implemented, 60 students would be a part of the 4- year program.
- UMKC would grant the DDS degree.

In 2008, Missouri University of Science and Technology (S&T) entered into a partnership with Missouri State University (MSU) to provide undergraduate degree programs in Civil Engineering and Electrical Engineering. The General Assembly first appropriated for the collaborative mechanical engineering program expansion in 2017. The appropriation was $1,000,000 for Missouri S&T in fiscal year 2017 and $500,000 in fiscal year 2018. This request would restore recurring funding to the $1.0 million required for a viable degree program.

III. COST EXPLANATION

Stable funding is required for both of these programs to attain accreditation standards and hire faculty prior to admitting students.

UMKC will use the funding to develop a satellite program at MSSU. Once this infrastructure is solidified, the sustaining appropriation supports the additional personnel and distance education costs for the program. The staffing and distance education costs will be a part of UMKC's budget. The students on the MSSU campus will be registered at UMKC, will be considered and treated as UMKC students, but will have the opportunity for ancillary services at MSSU such as parking, library facilities, and other student activities. MSSU is submitting a new decision item for physical space and other support cost needs of the new program.

By leveraging the existing partnership between Missouri S&T and MSU, a significant increase in engineering degrees delivered in Springfield can be realized in a cost-effective manner. Staffing costs will be incurred by both institutions and distance education costs are part of S&T's budget. The engineering students on the MSU campus are S&T students, but receive non-engineering courses and student services at MSU. Once this infrastructure is solidified, the sustaining appropriation supports the personnel and distance education costs for the program as well as the student service costs.

In addition, the University is requesting that these line items be added to its core appropriation lines.

	State Appropriations
UMKC/MSSU Dental School Expansion	$500,000
S&T/MSU Engineering Expansion	$500,000
Total Increase from State Appropriation	**$1,000,000**

III. EVALUATION OF OUTCOMES

- Increase in the number of oral health care and mechanical engineering students graduating annually.
- Increase the number of graduates that remain in Missouri.
- Increase the number of our graduates that practice in underserved rural or urban areas.

NEW DECISION ITEM REQUEST

UNRESTRICTED EDUCATIONAL AND GENERAL
FORM 5

Department: **Higher Education Unrestricted**
Level 2 **University of Missouri System**
Level 3 **Missouri University of Science and Technology**
Decision Item Name: **Missouri S&T Programs in Clay County Restoration: $1,000,000**
Decision Item Rank: **4 of 4**

I. PURPOSE AND CRITERIA FOR INCLUSION IN REQUEST

This request is for state general revenue funds to support offering select, limited graduate degree and certificate programs in Clay County. This program is in the startup phase, no students are enrolled pending stable funding.

At the request of the north Kansas City business community, the Missouri University of Science and Technology (S&T) is prepared to provide graduate level and certificate programs in the new Clay County Education Center. A $1.0 million appropriation is needed to cover the estimated cost to provide distance education delivery of these programs. This funding is needed on a recurring basis to have a viable program.

II. DESCRIPTION

The $1.0 million appropriation request for Missouri S&T Programs in Clay County will allow Missouri S&T Global – Kansas City to strategically bring its unique expertise in STEM focused graduate degrees to the Kansas City market. The Kansas City professional community has a significant number of S&T alumni as well as other professionals who wish to seek an advanced degree. A local presence will enable S&T to create professional and leadership development opportunities through increasing the credit and non-credit education in the region. Additionally, offering advanced degrees in the Kansas City region will remove barriers to graduation and reduce time to degree for graduate students. The S&T Global – Kansas City location will offer over 50 graduate certificates and 18 graduate degree programs, many of which are nationally ranked.

In summary, we are requesting that the state invest an additional $1.0 million in increased operating support for the University in FY19.

III. COST EXPLANATION

	State Appropriations
Missouri S&T Programs in Clay County	$1,000,000
Total Increase in State Appropriations	**$1,000,000**

IV. EVALUATION OF OUTCOMES

- Increase the number of graduate certificate and degree completions
- Provide programs in collaboration with Kansas City businesses to meet needs in that area

Other Programs

FY2019 APPROPRIATIONS REQUEST FOR OPERATIONS

SUMMARY OF OTHER PROGRAM REQUESTS

UNIVERSITY OF MISSOURI SYSTEM

	FY18 CORE APPROPRIATIONS	NEW REQUEST	REQUESTS PER LEGISLATIVE REQUIREMENTS	FY19 REQUEST
Missouri S&T Project Lead the Way	$400,000			$400,000
UMSL International Collaboration	$450,000			$450,000
UMKC Neighborhood Initiative	$400,000			$400,000
Missouri Kidney Program	$1,750,000			$1,750,000
Missouri Telehealth Network	$437,640			$437,640
Show-me Extension for Community Healthcare Outcomes	$1,500,000			$1,500,000
State Historical Society of Missouri	$2,460,855	$1,000,000		$3,460,855
Alzheimer's Program			$484,440	$484,440
Spinal Cord Injury Fund			$1,500,000	$1,500,000
State Seminary Fund			$3,275,000	$3,275,000
Missouri Returning Heroes Education Act			$749,693	$749,693

PROGRAM DESCRIPTION

Department of Higher Education
Program Name: University of Missouri
Program is found in the following core budget(s): Missouri S&T Project Lead the Way

1a. What strategic priority does this program address?

Enhance the pipeline for STEM students in southern Missouri

1b. What does this program do?

Missouri University of Science and Technology will partner with southern Missouri schools to increase the number of school districts utilizing Project Lead the Way (PLTW). The goal of PLTW is to help students understand that STEM education is relevant in their lives and see potential for future careers. PLTW depends not only on rigorous and relevant pre-engineering and science curricula, but also on trained teachers to instruct the next generation of scientists and engineers. As a leading affiliate university, Missouri S&T provides teacher training, professional development, and information for counselors and administrators throughout the Midwest. Students are also exposed to STEM careers through professionals from local industries who supplement the curriculum through mentorships and workplace experiences.

This appropriation was provided in FY17 to help the poorest school districts in southern Missouri to offset costs of these programs and to provide state match for potential federal grant money. The majority of the funds were subject to extraordinary withholdings in FY17 and FY18. The $400,000 is needed on a recurring

The appropriation will be used initially to cover one-time costs associated with PLTW implementation, concentrating on building successful partnerships with schools and local employers. Schools in a ten county southern Missouri area will be targeted to apply for PLTW support on a first come basis. This area is the poorest in Missouri and one of the poorest in the United States.

2. What is the authorization for this program, i.e., federal or state statute, etc.? (Include the federal program number, if applicable.)

Missouri University of Science and Technology is a component of the University of Missouri and falls under these statutes Section 172.010 - 172.950, RSMO.

3. Are there federal matching requirements? If yes, please explain.

No, however the goal is to have this program provide matching funds to leverage federal grant support.

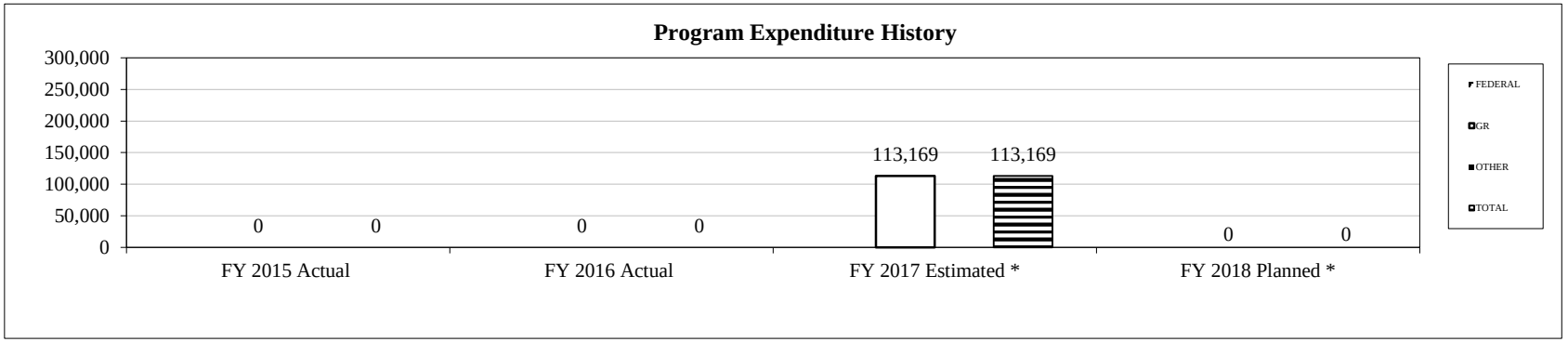
4. Is this a federally mandated program? If yes, please explain.

No

PROGRAM DESCRIPTION

Department of Higher Education
Program Name: University of Missouri
Program is found in the following core budget(s): Missouri S&T Project Lead the Way

5. Provide actual expenditures for the prior three fiscal years and planned expenditures for the current fiscal year.



*Net of Governor's 3% withholding and extraordinary withholding

6. What are the sources of the "Other " funds?

N/A

7a. Provide an effectiveness measure.

Current plans for this program are to concentrate in a ten county area, with pilots in the Houston, Missouri School District as well as West Plains (Fairview), Van Buren and Success. Future effectiveness measures being evaluated include: increases in school districts involved in PLTW, increases in programs offered and delivered in STEM (science, technology, engineer and math) areas, and increases in local industry support. Ultimately, improved MAP test results in STEM areas for participating school districts is anticipated.

7b. Provide an efficiency measure.

Efficiency measures are still be evaluated.

7c. Provide the number of clients/individuals served, if applicable.

The total number of students in the ten county target region is 25,004. The total number of students in the pilot, Houston School District, is 1,006. This program will start with the pilot and expand in future years.
In FY17, with 75% of funds withheld, this program served 2,300 students in 4 school districts. Additional results are expected with full funding.
Our stretch goal for FY19 is utilize the full $400,000 appropriation to serve 10 school districts and impact roughly 10,000 students in southern Missouri.

7d. Provide a customer satisfaction measure, if applicable.

N/A

PROGRAM DESCRIPTION

Department of Higher Education
Program Name: University of Missouri - St. Louis International Collaboration
Program is found in the following core budget(s): University of Missouri - St. Louis International Collaboration

1a. What strategic priority does this program address?

Increase economic development in the state

1b. What does this program do?

The purpose of this appropriation is to increase international collaboration and promote economic opportunity that helps attract and retain new economic activity to the St. Louis region. University of Missouri-St. Louis will work with BioSTL, a regional nonprofit dedicated to advancing prosperity in St. Louis through the growth of biosciences and other targeted innovation clusters. The centerpiece of the program is the GlobalSTL program (formerly known as) St. Louis-Israel Innovation Connection, which connects the economies of St. Louis and targeted international locations (including Israel, Ireland, and other countries) with a robust pipeline that engages and links experienced professionals to identify international companies who are likely to be attracted by St. Louis' convergence of corporate, university, and entrepreneurial strengths. Specific business strategies will partner prospective international companies with St. Louis and Missouri resources that might lead to recruitment of a presence in St. Louis. BioSTL is providing matching funds.

2. What is the authorization for this program, i.e., federal or state statute, etc.? (Include the federal program number, if applicable.)

Section 172.010 - 172.750, RSMo

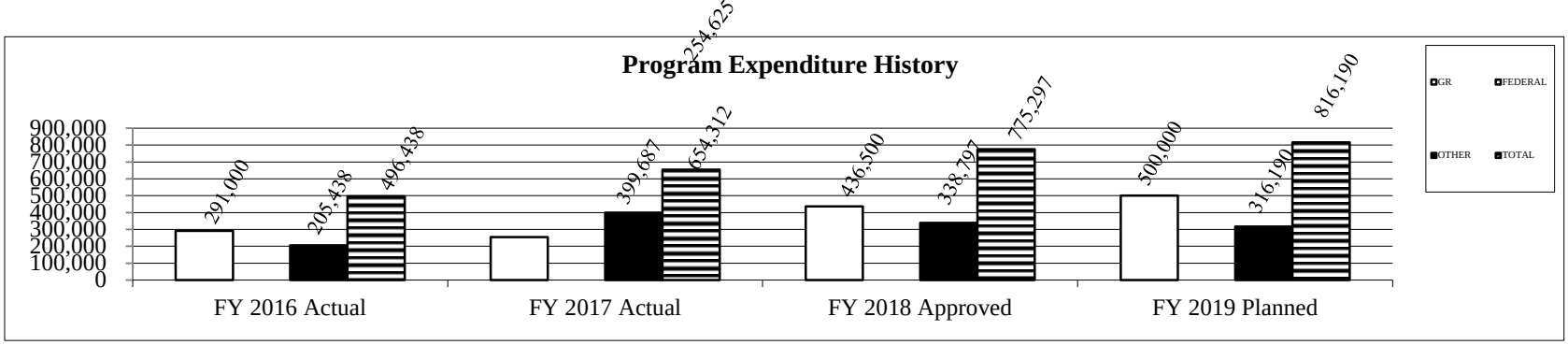
3. Are there federal matching requirements? If yes, please explain.

No

4. Is this a federally mandated program? If yes, please explain.

No

5. Provide actual expenditures for the prior three fiscal years and planned expenditures for the current fiscal year.



* Net of 3% Governor's withholding

PROGRAM DESCRIPTION

Department of Higher Education
Program Name: University of Missouri - St. Louis International Collaboration
Program is found in the following core budget(s): University of Missouri - St. Louis International Collaboration

6. What are the sources of the "Other " funds?

7a. Provide an effectiveness measure.

	FY2016 Actual	FY2017 Projected	FY2017 Actual	FY2018 Minimum Target	FY2018 Target	FY2018 Stretch Target
Number of Prospective Recruitments	65	75	80	75	85	95
Number of Currently Active Recruitments	79	89	95	100	100	145
Number of Firms in Discussion with Missouri Companies to Form Official Relationships (e.g., MO-based investments, university clinical trials, or collaborations with Missouri companies), Resulting in Economic Activity for the State	16	15	20	20	20	25
Number of Firms with Formal Missouri Relationship, Resulting in Economic Activity for the State	5	5	7	7	7	9
Number of Firms Completing Due Diligence on a Location in Missouri	6	6	6	5	7	8
Number of Firms Successfully Recruited to Missouri	3	3	3	3	4	5
Number of Jobs Created Due to Firm Relocation	7	8	8	12	12	30
Average Wage of New Jobs Created *	$62,690	$62,690	$62,690	$62,690	$62,690	$62,690
Additional Capital Investment Generated by Relocated Firms	$750,000	$1,500,000	$1,500,000	$2,000,000	$2,000,000	$4,000,000

* In Oct 2016, MERIC estimated that the ave annual wage in the biosciences industry is $62,690 (https://www.missourieconomy.org/pdfs/ti_bio.pdf)

PROGRAM DESCRIPTION

Department of Higher Education
Program Name: University of Missouri - St. Louis International Collaboration
Program is found in the following core budget(s): University of Missouri - St. Louis International Collaboration

7b. Provide an efficiency measure.

	FY2016 Actual	FY2017 Projected	FY2017 Actual	FY2018 Minimum Target	FY2018 Target	FY2018 Stretch Target
$ of State Funding Investment per New Job Created	$ 41,571	$ 54,563	$ 31,828	$ 36,375	$ 36,375	$ 14,550
$ of State Funding Investment per New $45,000 in Annual Payroll Created	$ 26,111	$ 39,166	$ 22,847	$ 26,111	$ 26,111	$ 10,444
$ of State Funding Investment per New $100,000 in Capital Investment Generated	$ 38,800	$ 29,100	$ 16,975	$ 21,825	$ 21,825	$ 10,913
$ of Private Funding Investment per New Job Created (BioSTL Matching Funds)	$ 29,348	$ 36,339	$ 49,961	$ 28,233	$ 28,233	$ 11,293

7c. Provide the number of clients/individuals served, if applicable.
N/A

7d. Provide a customer satisfaction measure, if available.
N/A

PROGRAM DESCRIPTION

Department of Higher Education
Program Name: UMKC Neighborhood Initiative
Program is found in the following core budget(s): University of Missouri - UMKC Neighborhood Initiative

1a. What does this program do?

Build the capacity of neighborhood leaders to solve problems and self-govern.

1b. What does this program do?

This appropriation allows the **UMKC Center for Neighborhoods (CFN)** in the Department of Architecture, Urban Planning and Design, meet the critical needs of neighborhoods through technical assistance, capacity building, neighborhood planning and design services, legal aid and organizational assistance. The Center will provide a one-stop location where leaders can access the available resources and capacities of UMKC – including faculty, staff and students. Data about neighborhoods as well as training, workshops, and other opportunities with faculty and students will be available. In addition, faculty will benefit from these partnerships with opportunities for research and engaged teaching.

2. What is the authorization for this program, i.e., federal or state statute, etc.? (Include the federal program number, if applicable.)

Section 172.010 - 172.750, RSMo

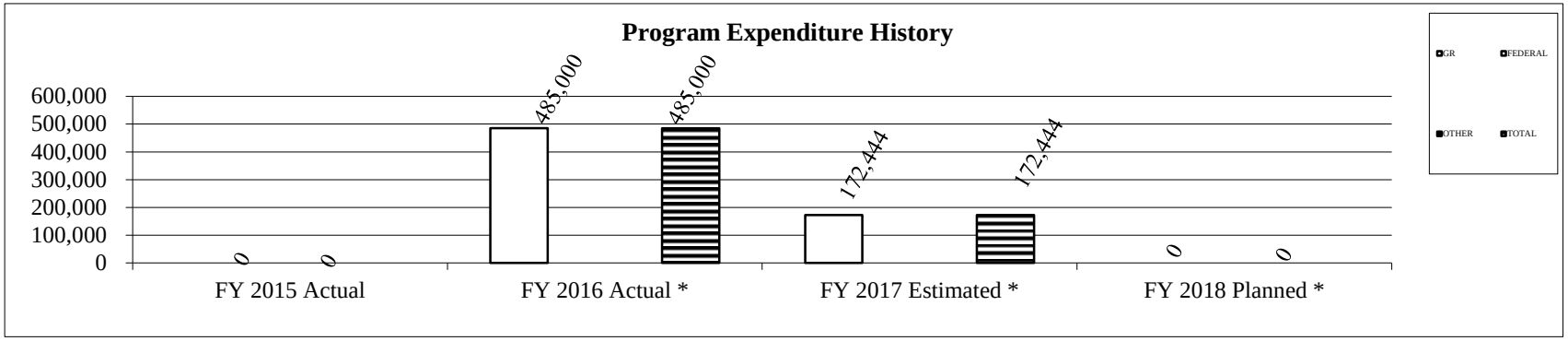
3. Are there federal matching requirements? If yes, please explain.

No

4. Is this a federally mandated program? If yes, please explain.

No

5. Provide actual expenditures for the prior three fiscal years and planned expenditures for the current fiscal year.



* FY16 net of 3% Governor's withholding; FY17 and FY18 net of extraordinary expenditure restriction

PROGRAM DESCRIPTION

Department of Higher Education
Program Name: UMKC Neighborhood Initiative
Program is found in the following core budget(s): University of Missouri - UMKC Neighborhood Initiative

6. What are the sources of the "Other " funds?

Individual, private donors have made contributions. Neighborhood organizations and homes associations have made additional contributions.
The City of Kansas City, Missouri is a new investor. Funds from local and federal sources are also projected, contingent on state funds as a required match.

7a. Provide an effectiveness measure.

The UMKC Center for Neighborhoods has developed and implemented curriculum for neighborhood leaders. The Center measures annually the number of participants trained through the programs and workshops.

The Center has worked with more than 90 individual neighborhood leaders in Kansas City and Independence, Missouri. Of those, 92% of neighborhood leaders completed the training program.

Number of volunteer neighborhood leaders trained for action:	**FY16**	**FY17**	**FY 18**	**FY18**	**FY19**	**FY19**
	Actual	Actual	Base	*Stretch**	Base	*Stretch**
CFN leaders trained:	35	59	35	*60*	35	*80*

**Note: We would prefer to serve the "stretch" numbers of leaders but can not do so without full restoration of funding.*

7b. Provide an efficiency measure.

The Center tracks the number of neighborhood organizations in good standing with the State during and after providing help. Of the 40 organizations that we have worked with, 97.5% are in good standing and only one is not yet in good standing. We are working with this group to address the issue.

Percent of CFN graduate organizations in good standing with the State of Missouri	**FY16**	**FY17**	**FY 18**	**FY18**	**FY19**	**FY19**
	Actual	Actual	Base	Stretch	Base	Stretch
	94%	100%	94%	100%	94%	100%

PROGRAM DESCRIPTION

Department of Higher Education
Program Name: UMKC Neighborhood Initiative
Program is found in the following core budget(s): University of Missouri - UMKC Neighborhood Initiative

7c. Provide the number of clients/individuals served, if applicable.

	FY16 Projected	FY16 Actual	FY17 Actual	FY18 Projected if fully funded	FY19 Projected if fully funded	FY19 Stretch
Number of neighborhood participants in programs	30	35	59	60	80	100
Number of neighborhood organizations served	30	32	40	45	50	50
Number of student internships organized	5	3	3	5	5	25

7d. Provide a customer satisfaction measure, if available.

Neighborhood leaders are very supportive of the program; 92% of those who enrolled have completed the training.

University of Missouri
Missouri Kidney Program
Program Revenues & Expenditures

	FY16 Actual	FY17 Estimated	FY18 Budget	FY19 Total Core Request
Revenues				
State Appropriation	$ 1,697,500	$ 1,697,500	$ 1,750,000	$ 1,750,000
Total Revenues	**$ 1,697,500**	**$ 1,697,500**	**$ 1,750,000**	**$ 1,750,000**
Expenditures				
Salaries & Wages	$ 186,875	$ 195,603	$ 217,135	$ 217,135
Benefit Expense	57,218	59,810	67,487	67,487
Total Compensation	**$ 244,092**	**$ 255,413**	**$ 284,623**	**$ 284,623**
Other Expenses	1,453,408	1,442,087	1,465,377	1,465,377
Total Expenditures	**$ 1,697,500**	**$ 1,697,500**	**$ 1,750,000**	**$ 1,750,000**
Change in Net Assets	**$ -**	**$ -**	**$ -**	**$ -**
Note: Additional Details on Above Expenditures				
Compensation	$ 244,092	$ 255,413	$ 284,623	$ 284,623
Other Expenses				
Administrative Operations	$ 31,484	$ 26,920	$ 24,018	$ 24,018
IT Labor Cost	34,068	29,868	35,000	35,000
Statewide Renal Education (Operations)	37,463	41,251	45,000	45,000
Maintenance & Antirejection Drugs	329,422	247,359	231,859	231,859
Transportation Assistance	143,170	200,157	180,000	180,000
Insurance Premium Assistance	102,182	131,225	118,500	118,500
Emergency Medications	389	777	1,500	1,500
Patient/Staff Education	0	0	0	0
Transplant/Donor Assistance	7,725	4,000	5,000	5,000
Nutritional Supplements Program	0	0	0	0
Medicaid Spenddown	697,733	693,842	752,500	752,500
Ticket To Work	46,249	44,644	50,000	50,000
Cost Containment Research & Demonstration	23,523	22,044	22,000	22,000
Total Expenditures	**$ 1,697,500**	**$ 1,697,500**	**$ 1,750,000**	**$ 1,750,000**

PROGRAM DESCRIPTION

Department of Higher Education
Program Name: Missouri Kidney Program
Program is found in the following core budget(s): University of Missouri - Missouri Kidney Program

1a. What strategic priority does this program address?

Provides supportive resources to low income Missourians with end stage renal disease (ESRD)

1b. What does this program do?

- The program is designed to serve eligible Missourians with ESRD, as a program of last resort. It helps pay a portion of life-saving medications, private insurance premiums, travel for dialysis, and transplant assistance.

- Kidney disease disproportionately affects older, minority and low income individuals. The program's caseload is 56% African American (1 in 6 African Americans have kidney disease), and mostly between the ages of forty-nine to sixty-nine.

- The program uses its expertise in Medicare coverage specific to ESRD to maximize the federal benefits available to eligible Missourians, and avoid unnecessary expenditure of state healthcare dollars.

- Through a competitively bid contract with a Missouri pharmacy, the program reduces costs and increases access to necessary medications for eligible patients with ESRD and kidney transplant recipients.

- Participants served meet residency, citizenship, medical condition and financial eligibility.

- The program contracts with 170 certified renal dialysis and 9 transplant facilities around Missouri, to identify and refer potentially eligible patients to the program.

2. What is the authorization for this program, i.e., federal or state statute, etc.? (Include the federal program number, if applicable.)

Section 172.875, RSMo

3. Are there federal matching requirements? If yes, please explain.

No

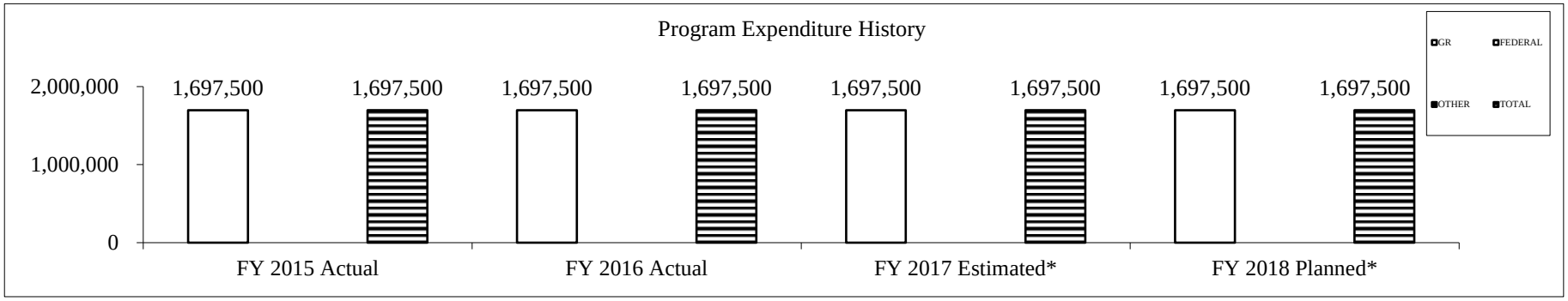
4. Is this a federally mandated program? If yes, please explain.

No

PROGRAM DESCRIPTION

Department of Higher Education
Program Name: Missouri Kidney Program
Program is found in the following core budget(s): University of Missouri - Missouri Kidney Program

5. Provide actual expenditures for the prior three fiscal years and planned expenditures for the current fiscal year



* Net of 3% Governor's withholding

6. What are the sources of the "Other " funds?

None

7a. Provide an effectiveness measure.

Measure: Increase participation rates in rural counties.

- According to the Census Bureau - 30.6% of the population is classified as living in rural areas.
- Currently, 15% of program participants are classified as rural by their zip code.
- We receive referrals from our contracted entities and from the healthcare community. In order to serve more rural eligible Missourians, we need to target our rural contractors and providers.

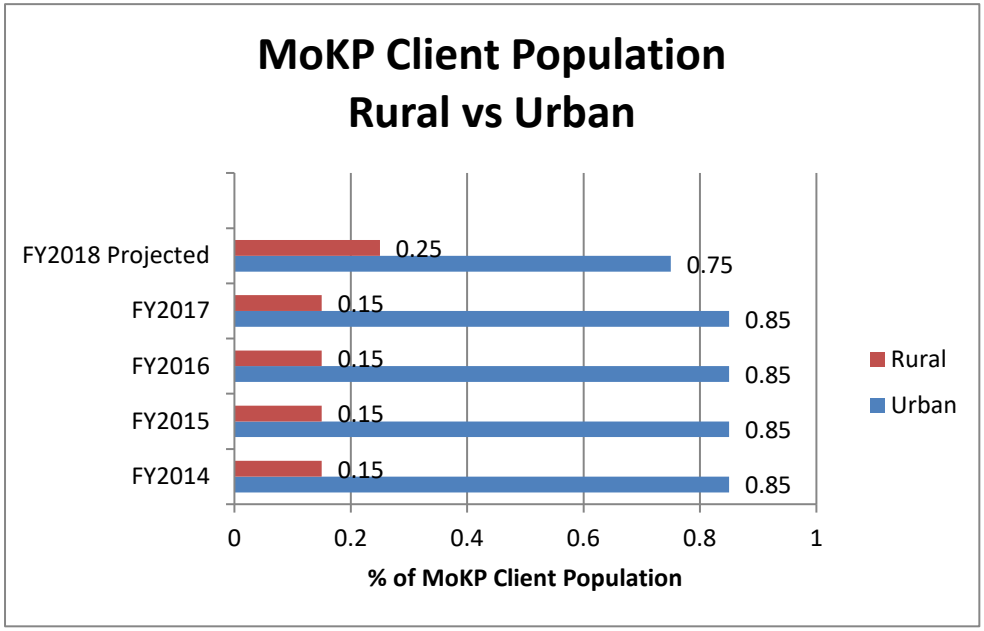
Base Target: Maintain the 15% of program population from rural counties.

Stretch Target: Increase participation from rural counties to 25% by FY18.

**** See Chart on Next Page****

Department of Higher Education
Program Name: Missouri Kidney Program
Program is found in the following core budget(s): University of Missouri - Missouri Kidney Program

7a. Provide an effectiveness measure - continued



Department of Higher Education
Program Name: Missouri Kidney Program
Program is found in the following core budget(s): University of Missouri - Missouri Kidney Program

7b. Provide an efficiency measure.

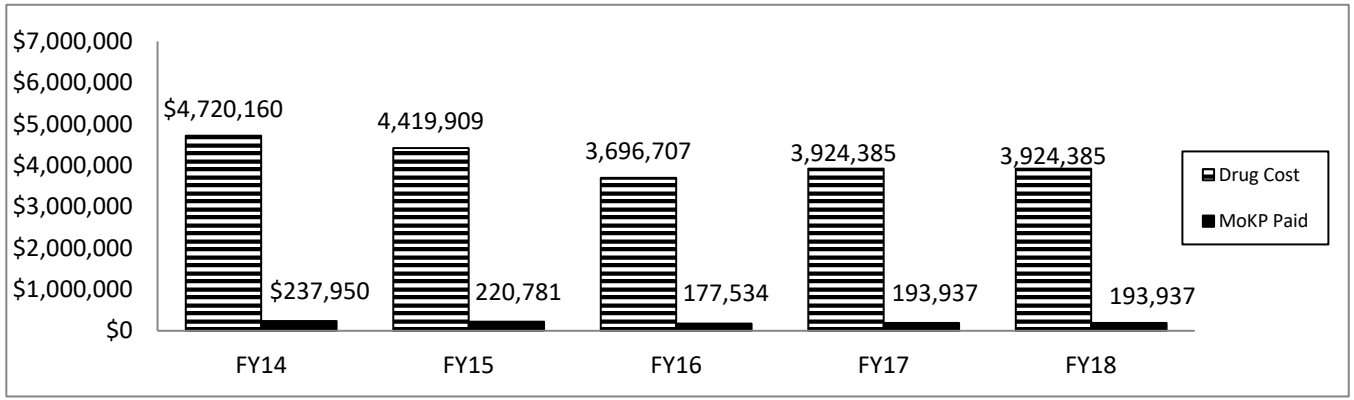
Measure: Keep costs for the program's drug assistance under 5% of the actual costs of medications.

● The program's largest expenditure is the Centralized Drug Program which supplies medications to enrolled MoKP participants statewide through mail order. This no-cost competitively bid contract with a Missouri Pharmacy results in significant discounts on brand and generic medications, and dispensing and mailing fees that would otherwise be incurred by low income patients with ESRD. MoKP is payer of last resort for participants whose medications are not covered by any type of insurance, for instance when they first enroll in the program or during gaps before they qualify for Medicare. The program pays co-pays for formulary medications for all participants enrolled in this program under MoKP. MoKP staff work with individual participants to ensure that they are enrolled in and maximizing the benefits from federal (Medicare) and private assistance programs (through pharmaceutical companies), ultimately reducing the reliance on the state's Medicaid program and on the MoKP funds. The program's cost for medication assistance has consistently been under 5% compared to the actual cost of the medications covered because of the competitive contract and ensuring participants are in the best plan based on their medications.

Base Target: 5% or less of the actual drug costs paid by the program.

Stretch Target: Given the rising costs of pharmaceuticals, continue to stay below 5% of the actual drug costs for participants enrolled in the Centralized Drug program. Assuming participation continues to increase.

FY 14		FY 15		FY 16		FY 17	
Drug Cost	MoKP Paid	Drug Cost	MoKP Paid	Drug Cost	MoKP Paid	Drug Cost	MoKP Paid
$4,720,160	$237,950	$4,419,909	$220,781	$3,696,707	$177,534	$3,924,385	$193,937



Department of Higher Education
Program Name: Missouri Kidney Program
Program is found in the following core budget(s): University of Missouri - Missouri Kidney Program

7c. Provide the number of clients/individuals served, if applicable.

Measure: Maintain a low administrative cost while increasing the number of eligible Missourians served by the program.

● MoKP relies on dialysis centers, social workers, nephrologists, and transplant centers to refer patients to the program to determine eligibility. There are approximately 13,000 Missourians with ESRD and kidney transplant recipients. We do not know how many of the patients would meet the income eligibility for the program.
●MoKP has a very small staff to participant ratio. The average tenure of the staff is 10 years. The specialized expertise of the staff allows the staff to handle an average caseload of 290 participants, keeping administrative costs low.

Base Target: Maintain the low administrative costs at 18%, while increasing the number of participants by 50.

Stretch Target: Increase participants by 100, through enhanced education and outreach to referral sources, particularly in rural Missouri.

FY 14		FY 15		FY 16		FY 17		FY 18 Projected		FY19 Projected	
Patient Exp	Total Exp	Patient Exp	Total Exp	Patient Exp	Total Exp	Patient Exp	Total Exp	Patient Exp	Total Exp	Patient	Total Exp
$1,334,627	$1,697,500	$1,370,357	$1,697,500	$1,387,856	$1,697,500	$1,385,299	$1,697,500	$1,406,359	$1,697,500	$1,406,359	$1,697,500

Clients Served

FY13	FY14	FY15	FY16	FY17	FY18 Est	FY19 Proj
1,414	1,440	1,458	1,407	1,457	1,471	1,485

7d. Provide a customer satisfaction measure, if available.

Measure: Improve program effectiveness using feedback from well-designed, well-executed surveys of participants and contracted entities.

● MoKP has used a patient satisfaction questionnaire for more than 15 years. Each month participants in the program are randomly selected to receive the questionnaire. It is mailed to the participant along with a stamped self-addressed envelope for return of the completed questionnaire. The program receives consistently high satisfaction comments from participants.

● For SFY 18, we propose to update the patient survey to better capture qualitative and quantitative satisfaction in order to assess the program's impact on participant's health status related to their ESRD or transplant, their utilization of the program and the effectiveness of the program. We propose to test a survey instrument with some of our contracted entities (179 TOTAL) - dialysis centers and transplant centers, and the program's contracted pharmacy provider (1) to evaluate their understanding of the program, the effectiveness of the referral system, barriers to participation and compliance.
Base Target: 15% response rate for the newly-designed surveys.
Stretch Target: 40% response rate from the contracted entities survey and 30% response rate from participants.

	FY13	FY14	FY15	FY16	FY17	FY18 Proj
Questionnaires Received	127	66	76	101	215	300
Questionnaires Mailed	326	206	368	614	819	1,000

Missouri Kidney Program

FY2017 Patient Assistance

(by county)

(https://mokp.missouri.edu/mokp/Publications.htm)

Dollars
(Patients)

University of Missouri
Missouri Telehealth Network
Program Revenues & Expenditures

	FY16 Actuals	FY17 Estimated	FY18 Budget	FY19 Total Core Request
Revenues				
State Appropriation	$ 437,640	$ 437,640	$ 437,640	$ 437,640
State Appropriation -ECHO	1,500,000	3,000,000	1,500,000	1,500,000
Less Governor's Reserve	(45,000)	(45,000)	(41,363)	(45,000)
Less Extraordinary Withholding		(1,621,250)	(121,250)	
Total Revenues	**$ 1,892,640**	**$ 1,771,390**	**$ 1,775,027**	**$ 1,892,640**
Expenditures				
Salaries & Wages	$ 268,764	$ 275,613	$ 290,814	$ 290,814
Salaries & Wages - ECHO	606,790	680,546	700,754	800,000
Benefit Expense	77,584	76,381	82,696	82,696
Benefit Expense - ECHO	185,553	205,544	215,947	260,000
Total Compensation	**$ 1,138,691**	**$ 1,238,084**	**$ 1,290,211**	**$ 1,433,510**
Other Expenses	91,292	85,646	64,130	64,130
Other Expenses - ECHO	662,657	447,660	420,686	395,000
Total Expenditures	**$ 1,892,640**	**$ 1,771,390**	**$ 1,775,027**	**$ 1,892,640**
Change in Net Assets	**$ -**	**$ -**	**$ -**	**$ -**

PROGRAM DESCRIPTION

Department of Higher Education
Program Name: Division of Four-year Colleges and Universities
Program is found in the following core budget(s): University of Missouri - Missouri Telehealth Network

1a. What strategic priority does this program support?

Increase the use of telehealth in Missouri to increase access and capacity of high-quality healthcare.

1b. What does this program do?

The Missouri Telehealth Network (MTN) exists to develop, study, and use telehealth solutions that improve access by providing high-value, patient-centered health care and medical education in Missouri. The Missouri Telehealth Network has members in more than 50 counties. Missouri Telehealth Network sites include hospitals, federally qualified health centers, rural health clinics, community mental health centers, and state facilities.

The Missouri Telehealth Network (MTN) exists:
1. to increase access to health care for underserved Missourians;
2. to provide specialty care to Missourians in state facilities, i.e.. Division of Youth Services;
3. to serve as a resource (consultant) for health care institutions and providers who are embarking upon their own telehealth program;
4. to provide a mechanism for clinical research;
5. to provide continuing educational opportunities for health care providers; and
6. to replicate the ECHO (Extension for Community Healthcare Outcomes) model of telehealth for education and training of primary care providers and create regional centers of excellence.

Telehealth sites may be equipped with interactive videoconferencing equipment, teleradiology equipment or both. Sites with interactive video are typically equipped with document cameras, video scope systems and electronic stethoscopes as needed. Even though the physicians and patients are geographically separated, these interactive technologies allow for a sufficient examination of the patient in real time, not to mention that keeping services local helps the rural economy through greater utilization of pharmacies, laboratories, radiology departments, etc.

MTN began in 1994 as one of the nation's first public-private partnerships in telehealth. A 9-site network was initially developed with federal support coming from the Health Resources and Services Administration's Office and private support coming from telecommunication companies, as well as each telehealth site. More recently, funding for the Missouri Telehealth Network has been provided from the University of Missouri Health Care and the State of Missouri. Also, the Missouri Telehealth Network site network charges are funded by MTN members.

PROGRAM DESCRIPTION

Department of Higher Education
Program Name: Division of Four-year Colleges and Universities
Program is found in the following core budget(s): University of Missouri - Missouri Telehealth Network

2. What is the authorization for this program, i.e., federal or state statute, etc.? (Include the federal program number, if applicable.)

MTN is a component of the University of Missouri Healthcare and falls under these statutes Section 172.810 - 172.830, RSMo.

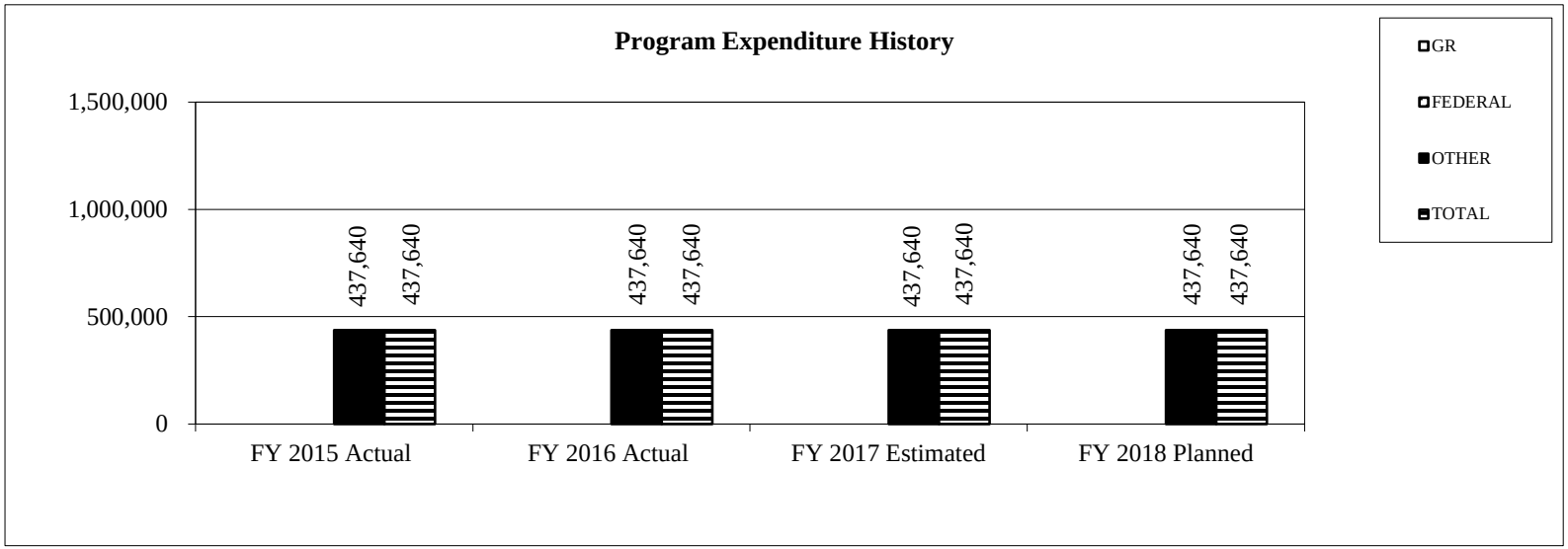
3. Are there federal matching requirements? If yes, please explain.

No federal matching requirements.

4. Is this a federally mandated program? If yes, please explain.

This is not a federally mandated program.

5. Provide actual expenditures for the prior three fiscal years and planned expenditures for the current fiscal year.



Department of Higher Education
Program Name: Division of Four-year Colleges and Universities
Program is found in the following core budget(s): University of Missouri - Missouri Telehealth Network

6. What are the sources of the "Other " funds?

Other appropriated funds are from Healthy Families Trust Fund. In addition, other funds to support the Telehealth mission are provided by University of Missouri Health Care, and federal, state, and other agency grants.

7a. Provide an effectiveness measure.

Measure: Number of telepsychiatry visits in Division of Youth Services locations
Base Target: 1,923 visits based on FY17 actuals
Stretch Target: 2,500 visits

Between July, 2015, and June, 2016, 1,923 child psychiatry telehealth visits between providers at the University of Missouri and thirteen Division of Youth Services locations took place. These telepsychiatry visits replaced in-person child psychiatry visits in which the patients, in many cases, would be in handcuffs were avoided.

DYS Location	# of visits
Babler, Chesterfield, MO	80
Camp Avery, Troy, MO	85
Detema House, Springfield, MO	2
Delmina Woods, Forsyth, MO	2
Hillsboro, MO	114
Hogan Street Youth Center, St. Louis, MO	115
Missouri Hills, St. Louis, MO	514
Montgomery City, MO	122
Northwest Regional, Kansas City, MO	137
Rich Hill Youth, Rich Hill, MO	4
Waverly, MO	267
Watkins Mill, Lawson, MO	262
Rosa Parks Center, Fulton, MO	219
Total	1,923

PROGRAM DESCRIPTION

Department of Higher Education
Program Name: Division of Four-year Colleges and Universities
Program is found in the following core budget(s): University of Missouri - Missouri Telehealth Network

7b. Provide an efficiency measure.

Measure: Telepsychiatry at Community Mental Health Centers (CMHC)= cost savings due to reduced windshield time by psychiatrists

Base Target: $1.5 million in cost savings reported by one CMHC
Stretch Target: $3.0 million in cost savings, we will poll additional CMHCs

Telehealth has many cost saving implications for providers. Burrell Behavioral Health and Pathways Community Behavioral Health are cost saving examples through the use of telepsychiatry. Pathways reports providing the equivalent of 60 days of telepsychiatry provider time per week. Telehealth provides a reduction in windshield time. This windshield time reflects time that the psychiatrists would lose seeing patients if it weren't for the use of telepsychiatry. The reduction of windshield time from the use of telepsychiatry results in an annual overall savings of approximately $1,508,000/year to Burrell Behavioral Health and Pathways Community Behavioral Health.

7c. Provide the number of clients/individuals served, if applicable.

Measure: Number of telehealth encounters as reported by members of the Missouri Telehealth Network

Number of telehealth encounters provided to patients

Year	Number
2012 Actual	26,577
2013 Actual	39,123
2014 Actual	45,300
2015 Actual	41,000
2016 Actual	37,785
2017 Actual	43,384
Base	43,000
Stretch	50,000

Number of Continuing Medical Education credits awarded to health care professionals

Year	Number
2012 Actual	124
2013 Actual	323
2014 Actual	358
2015 Actual	1,322
2016 Actual	1,845
2017 Actual	2,249
Base	2,653
Stretch	3,130

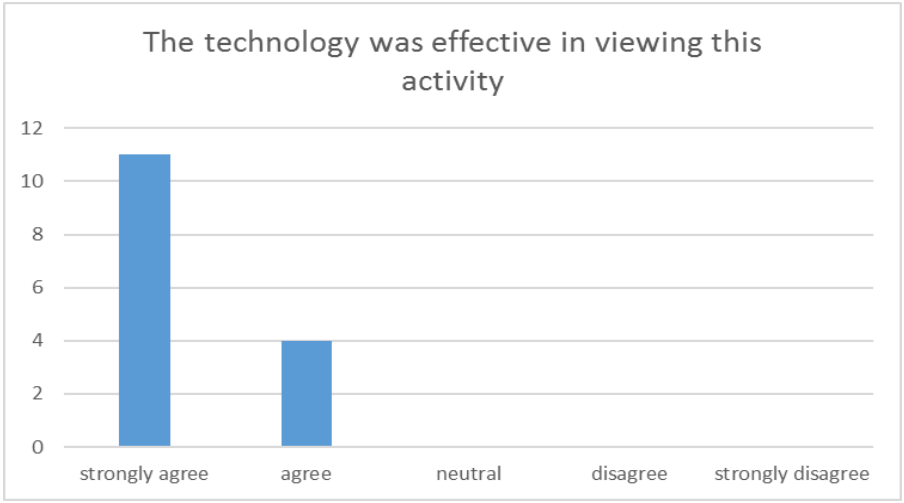
Department of Higher Education
Program Name: Division of Four-year Colleges and Universities
Program is found in the following core budget(s): University of Missouri - Missouri Telehealth Network

7d. Provide a customer satisfaction measure, if available.

Measure: Customer satisfaction in Continuing Medical Education Credits (CME) Survey
Base Target: February FY17 results shown below from the Asthma ECHO survey

Stretch Target: 100 strongly agree, we will look at all ECHOs for the yearly time period

Satisfaction data was collected using an evaluation form from the CME and ECHO presentations during FY2017 of those utilizing the telehealth equipment. This is a sample of the survey from February, 2017 Impact Asthma ECHO.



Comments from rural providers about the telehealth and ECHO services were favorable. Some specific phrases used by rural providers include: "The program was well planned and proceeded smoothly. The case presentations were interesting and very beneficial." "Thanks you for doing this!" "I look forward to this every Friday and am grateful that it exists. What a great resource!" "Thank You! I have learned a great deal and look forward to continued participation."

PROGRAM DESCRIPTION

Department of Higher Education
Program Name: Division of Four-year Colleges and Universities
Program is found in the following core budget(s): University of Missouri - Extension for Community Healthcare Outcomes

1a. What strategic priority does this program address?

Enhance health care in rural Missouri

1b. What does this program do?

Show-Me Extension for Community Healthcare Outcomes (ECHO) provides comprehensive, best-practice care to patients with complex health conditions, in their local community. Show-Me ECHO facilitates collaboration between specialty and primary care that expands access to best-practice medical care across Missouri. It links expert specialist teams at an academic 'hub' with primary care clinicians in local communities – the 'spokes' of the model. Together, they participate in regularly scheduled Show-Me ECHO clinics, which are virtual grand rounds, combined with mentoring and patient case presentations and discussions.

Show-Me ECHO uses videoconferencing to connect a group of community providers to an interdisciplinary group of specialists around a specific disease state or condition. The community providers learn about the disease state or condition and with the mentorship of the specialists, they become a regional center of excellence that can help provide specialty care to patients who might not otherwise be able to receive care. Whereas telemedicine increases access to specialty care, but does not increase capacity of specialty care, Show-Me ECHO increases the number of providers who will treat complex conditions, it creates relationships between specialists and community providers so that patients with chronic conditions and stay in their community for care without being referred specialists.

Show-Me ECHO is a replication of the Project ECHO program developed at the University of New Mexico. Project ECHO is a lifelong learning and guided practice model that revolutionizes medical education and exponentially increases workforce capacity to provide best-practice specialty care and reduce health disparities. FY2016 was the first year funds were received. An increase from $1.5 million to $3.0 million was received in FY2017 but the increase was withheld as an extraordinary withholding. The additional funding will provide new ECHO opportunities areas of high need and high potential for state cost reductions. The areas being considered are: High-Risk Obstetrics, Adult Behavioral Health, Pediatric Sleep Disorders, Post-Acute Care/Care Transitions, Resistant Hypertension and Congestive Heart Failure, Parkinson's and other movement disorders, expansion of the Asthma ECHO, and others.

2. What is the authorization for this program, i.e., federal or state statute, etc.? (Include the federal program number, if applicable.)

Missouri Telehealth Network is a component of the University of Missouri Healthcare and falls under these statutes - Section 172.810 - 172.830, RSMo.

3. Are there federal matching requirements? If yes, please explain.

No federal matching requirements.

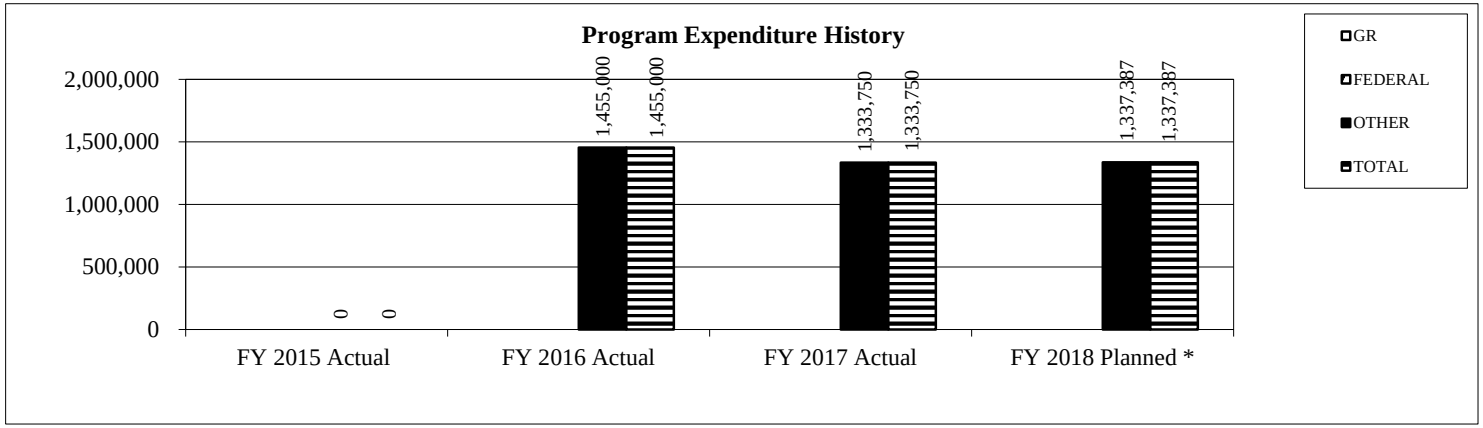
4. Is this a federally mandated program? If yes, please explain.

This is not a federally mandated program.

PROGRAM DESCRIPTION

Department of Higher Education
Program Name: Division of Four-year Colleges and Universities
Program is found in the following core budget(s): University of Missouri - Extension for Community Healthcare Outcomes

5. Provide actual expenditures for the prior three fiscal years and planned expenditures for the current fiscal year.



* Net of 3% Governor's withholding in all years and extraordinary withholding in FY2017 and FY2018

6. What are the sources of the "Other " funds?

None

7a. Provide an effectiveness measure.

Measure: Reduced in-patient hospital days and emergency department visits by children with asthma in counties where Asthma ECHO & Education has taken place

Base Target: $4.0 million in cost savings

Stretch Target: $4.5 million in cost savings

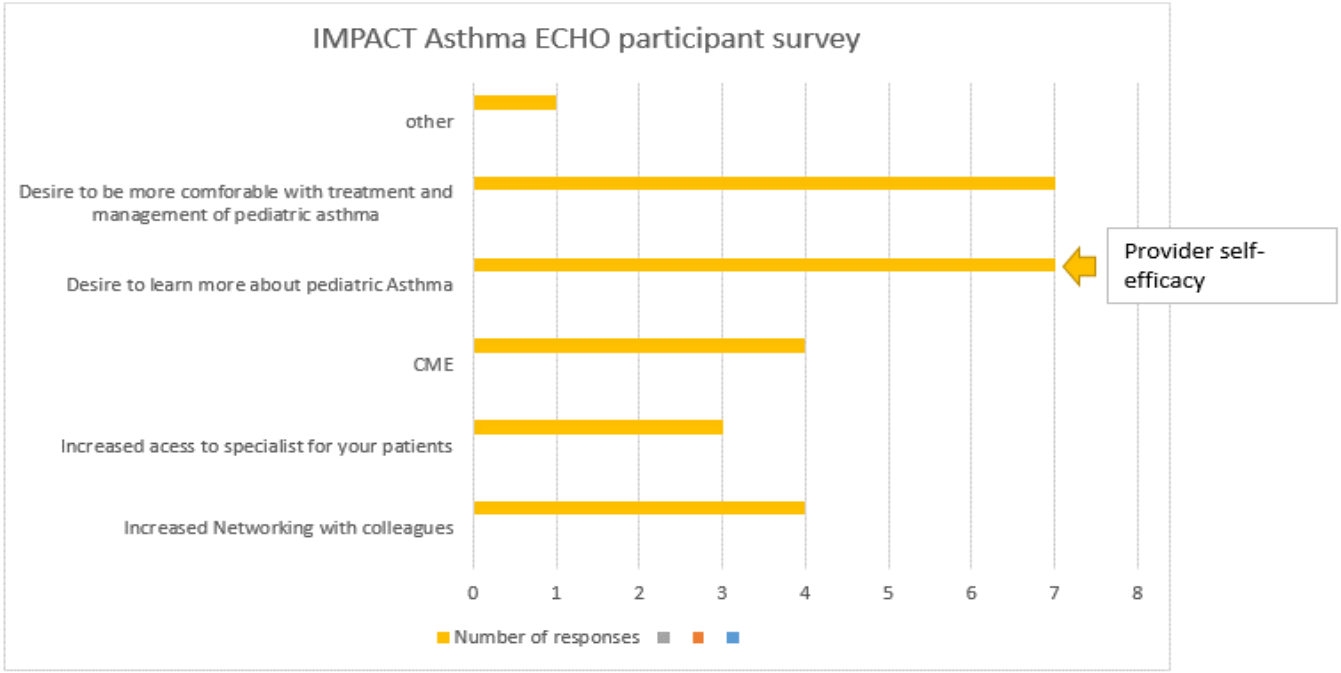
Show-Me ECHO increases access to health care, specialty services by training and educating primary care providers in common, complex, costly, and chronic conditions. To calculate the preliminary cost effectiveness information of Impact Asthma ECHO and possible averted costs regarding decreases in hospital days and emergency department (ED) visits, we used the average asthma ED visit costs of $629 and average asthma inpatient cost of $2,439 provided by the Missouri Department of Social Services. The total amount of averted costs in participating 29 counties is $4,159,195. These are preliminary numbers only. More robust analyses are underway.

Department of Higher Education
Program Name: Division of Four-year Colleges and Universities
Program is found in the following core budget(s): University of Missouri - Extension for Community Healthcare Outcomes

	Visit/Days FY15	Visit/Days FY16	Difference in visit/days by year	Average Cost per Day/Visit	Reduction in Costs	% Reduced
In-patient Hospital days	3,392	1,982	1,410	$2,439	$3,438,990	42%
Emergency Department visits	7,552	6,407	1,145	$629	$720,205	15%
Total Amount of Averted Costs					$4,159,195	

7b. Provide an efficiency measure.

For each ECHO, we are measuring the effectiveness and efficiency of the program. The graph below shows the answers to the question, "Why are you interested in participating in the Impact Asthma ECHO?" The answers show a desire to learn more information about Asthma.



PROGRAM DESCRIPTION

Department of Higher Education
Program Name: Division of Four-year Colleges and Universities
Program is found in the following core budget(s): University of Missouri - Extension for Community Healthcare Outcomes

7c. Provide the number of clients/individuals served, if applicable.

Measure: Number of providers that have joined an ECHO

Base Target: 562 providers joining ECHOs

Stretch Target: 1,000 providers joining ECHOs

The chart below depicts the Show-Me ECHO data on the number of primary care providers engaged, number of Continuing Medical Education (CMEs) Credits awarded, and number of cases discussed at each ECHO clinic. Because ECHO is a training and education program, the more participation the more best-practice dissemination occurs. The plan is to grow participation and expand the complex disease states or conditions that are addressed with the expansion of funding.

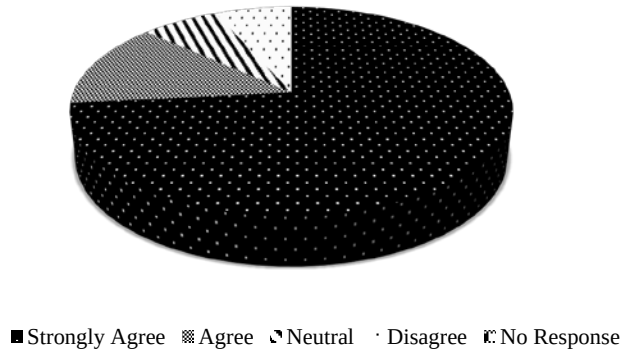
Time Period		# of Providers	# of CMEs	# of Cases
9/15-6/17	Asthma	234	73	67
11/14-6/17	Chronic Pain Management	148	92	34
3/15-6/17	Autism	103	398	63
11/15-6/17	Dermatology	68	112	145
12/16-6/17	Hepatitis C	9	6	28

Department of Higher Education
Program Name: Division of Four-year Colleges and Universities
Program is found in the following core budget(s): University of Missouri - Extension for Community Healthcare Outcomes

7d. Provide a customer satisfaction measure, if available.

Measure: Provide ECHO programs that are beneficial to physicians
Base Target: 75% strongly agree that the ECHO is an effective way to learn
Stretch Target: 85% to strongly agree that ECHO is an effective way to learn

This chart reflects Asthma ECHO participants' response to the following statement:
Asthma ECHO is an effective way for me to learn:



The quotes below are from physicians participant in Show-Me ECHO programs:
"Great forum for collaborating and networking.", "This is a great tool to share knowledge and expertise", "I have found ECHO to be a highly effective tool for distance learning. Thank You!", "I so appreciate this outlet for discussion/education. Like a one hour a week residency

University of Missouri
State Historical Society of Missouri
Program Revenues & Expenditures

	FY16 Actuals	FY17 Actuals	FY18 Budget	FY19 Increase	FY19 Total Core Request
Revenues					
State Appropriation	$ 2,494,185	$ 3,641,272	$ 2,460,855	$ 1,000,000	$ 3,460,855
Governor's Reserve 3%			(73,826)	(30,000)	(103,826)
Other Sources (One-Time)	20,908	22,422		-	-
UM Memo of Understanding *	528,073	528,073	528,073	-	528,073
Total Revenues	**$ 3,043,166**	**$ 4,191,767**	**$ 2,915,102**	**$ 970,000**	**$ 3,885,102**
Expenditures					
Salaries & Wages	$ 1,694,714	$ 2,061,771	$ 2,092,989	$ 180,000	$ 2,272,989
Benefit Expense	551,132	671,529	699,436	62,500	761,936
Total Compensation	**$ 2,245,846**	**$ 2,733,300**	**$ 2,792,425**	**$ 242,500**	**$ 3,034,925**
Other Expenses	474,905	1,458,467	122,677		122,677
New Building Reserve/Expenses	322,415			727,500	727,500
Total Expenditures	**$ 3,043,166**	**$ 4,191,767**	**$ 2,915,102**	**$ 970,000**	**$ 3,885,102**
Change in Net Assets	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

* UM Memo of Understanding increase reflects staff transfer associated with additional responsibilities of managing Western Historical Manuscript Collection.

PROGRAM DESCRIPTION

Department of Higher Education
Program Name: Division of Four-year Colleges and Universities
Program is found in the following core budget(s): University of Missouri - State Historical Society

1a. What strategic priority does this program address?

Preserve and promote Missouri history

1b. What does this program do?

The State Historical Society of Missouri is the premier research center for the study of Missouri state and local history. The Society preserves Missouri history by collecting art, manuscripts, newspapers, photographs, and oral history collections. Public access to the collections is through research centers in Columbia, Kansas City, St. Louis, Rolla, Springfield, and Cape Girardeau located on the University of Missouri, Missouri State University, and Southeast Missouri State University campuses. Patrons include students from elementary school through graduate school, historians, genealogists, government staff, and members of the public.

The Society promotes Missouri history by publishing Missouri history and research through a scholarly journal, the Missouri Historical Review, a newsletter, books, websites, and through social media. The Society is the sponsor for National History Day in Missouri educating Missouri students in grades 6-12 to research historical topics. The Society also provides public programming to promote Missouri history through art exhibitions, workshops, tours, and lectures.

2. What is the authorization for this program, i.e., federal or state statute, etc.? (Include the federal program number, if applicable.)

Section 183.010 - 183.030, RSMo

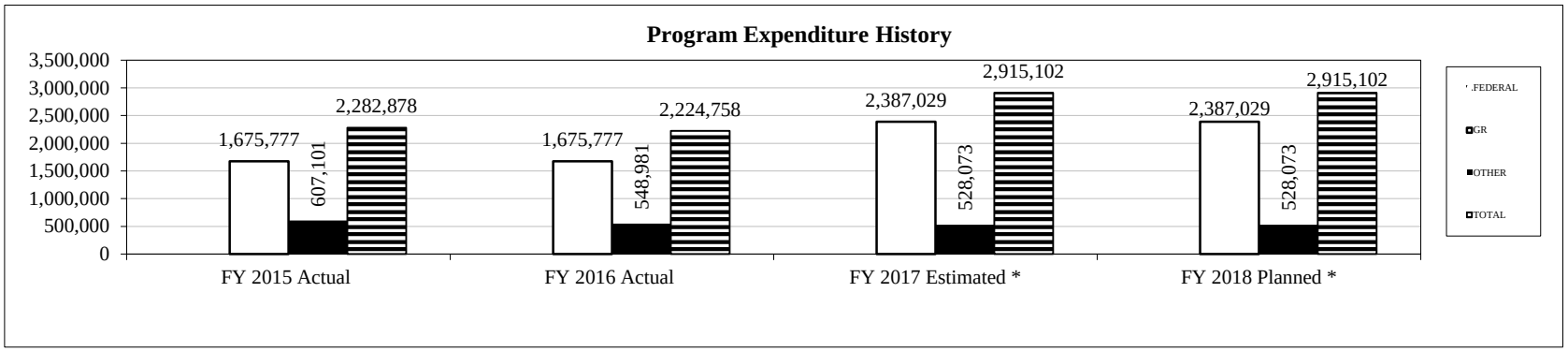
3. Are there federal matching requirements? If yes, please explain.

No

4. Is this a federally mandated program? If yes, please explain.

No

5. Provide actual expenditures for the prior three fiscal years and planned expenditures for the current fiscal year.



*Net of Governor's 3% withholding in all years and extraordinary withholding in FY17

Department of Higher Education
Program Name: Division of Four-year Colleges and Universities
Program is found in the following core budget(s): University of Missouri - State Historical Society

6. What are the sources of the "Other " funds?

All of the Society's appropriations are from General Revenue. However, the Society has a Membership Trust Fund that helps to support its mission and starting in FY2012 there is a memorandum of understanding with funding from the University of Missouri System for the Society's management of what was known previously as the Western Historical Manuscript Collection.

7a. Provide an effectiveness measure.

Base Target: Maintain consistent growth of historical collections through actively selecting records and artworks.
Stretch Target Increase distribution of publications by 5% over previous year.

	FY2016 Projected	FY2016 Actual	FY2017 Projected	FY2017 Actual	FY2018 Target	FY2019 Target	FY2020 Target
Manuscripts collected	N/A	224	N/A	199	200	200	200
Artworks acquired	N/A	21	N/A	11	20	25	25
Newspaper titles acquired	N/A	239	N/A	229	219	209	200
Oral Histories recorded	N/A	61	N/A	86	60	70	75
Lectures, tours, and events presented	102	199	103	144	125	125	125
Publications distributed	31,067	31,200	31,512	29,744	30,040	30,340	30,645

7b. Provide an efficiency measure.

Base Target: As new collections are accessioned, maintain 70% or higher of collections processed and 90% of information requests completed within ten days.
Stretch Target Increase to 75% or higher of collections processed and 95% of information requests completed within ten days.

	FY2016 Projected	FY2016 Actual	FY2017 Projected	FY2017 Actual	FY2018 Target	FY2019 Target	FY2020 Target
Percentage of manuscript collections processed.	N/A	N/A	N/A	67.1%	70.0%	72.0%	73.0%
Percentage of reference collection processed within 12 months of acquisition.	N/A	N/A	N/A	95%	98%	98%	98%
Percentage of information requests to the research centers completed within ten days.		89.40%		91.10%	90%	90%	90%

PROGRAM DESCRIPTION

Department of Higher Education
Program Name: Division of Four-year Colleges and Universities
Program is found in the following core budget(s): University of Missouri - State Historical Society

7c. Provide the number of clients/individuals served, if applicable.

Base Target: Increase individuals served by 1% over previous year
Stretch Target Increase individuals served by 3% over previous year

	FY2016 Projected	FY2016 Actual	FY2017 Projected	FY2017 Actual	FY2018 Target	FY2019 Target	FY2020 Target
How many individuals does the Society assist through the research centers?	13,734	11,561	11,818	11,254	11,367	11,480	11,595
How many students participate in National History Day in Missouri?	3,332	6,535	6,600	6,666	6,733	6,800	6,868
How many individuals does the Society reach through event, lectures, tours, and public education?	3,602	7,706	3,638	5,249	5,301	5,355	5,408

7d. Provide a customer satisfaction measure, if available.

Percentage of overall experience rating of good or excellent.
Base Target Maintain 80% rating of good or excellent
Stretch Target Increase rating of good or excellent to 90% of survey responses.

FY2016 Projected	FY2016 Actual	FY2017 Projected	FY2017 Actual	FY2018 Target	FY2019 Target	FY2020 Target
N/A	N/A	N/A	N/A	80%	80%	80%

NEW DECISION ITEM REQUEST

UNRESTRICTED EDUCATIONAL AND GENERAL
FORM 5

Department: **Higher Education-Unrestricted**
Level 2 **University of Missouri-Other Programs**
Level 3 **State Historical Society of Missouri**
Decision Item Name: **Increase for New Building Operations: $1,000,000**
Decision Item Rank: **1 of 1**

I. PURPOSE AND CRITERIA FOR INCLUSION IN REQUEST

The State Historical Society of Missouri (SHSMO) is the premier research center for the study of Missouri state and local history. Founded in May 1898 by the Missouri Press Association and established as a trustee of the state a year later, SHSMO collects, preserves, and publishes materials that enhance research and support learning opportunities in the study of the history of Missouri and the Midwest. The SHSMO receives a general revenue core appropriation to support its operations. The University is an agent for the Society. The SHSMO will complete construction and occupy a new building in Columbia funded by state bonds in FY19. An additional $1.0 million in recurring funding is needed in FY19 and beyond to operate the new building.

II. DESCRIPTION

Of the $1.0 million increase, $750,000 will be used to cover operating costs of the new building. In addition, the Society will need four new positions to operate the new building and to meet the anticipated increase in patron demand. The four new positions include a security officer, library support specialist, archivist, and event services manager. The anticipated cost of these four positions, with benefits, is approximately $250,000.

The SHSMO is requesting the FY2018 state appropriation base plus these additions to maintain a highly skilled and professional staff, to respond to the growing demand for patron services and to prepare for the new building.

III. COST EXPLANATION

Compensation	$ 250,000
Building Operating Expenses	750,000
Total State Appropriations	**$1,000,000**
Recurring Request (Increase to core)	**$1,000,000**

PROGRAM DESCRIPTION

Department of Higher Education
Program Name: University of Missouri Alzheimer's Program
Program is found in the following core budget(s): University of Missouri - Alzheimer's Program

1a. What strategic priority does this program support?

Improve treatment of Alzheimer's Disease

1. What does this program do?

The purpose of this program is to fund research that will advance knowledge concerning Alzheimer's Disease and related disorders. Alzheimer's Disease and other diseases result from significant destruction of brain tissues and are characterized by a decline of memory and other intellectual functions. Alzheimer's Disease is a particular problem in Missouri, a state with one of the largest elderly populations in the country.

2. What is the authorization for this program, i.e., federal or state statute, etc.? (Include the federal program number, if applicable.)

Section 172.800 - 172.807, RSMo

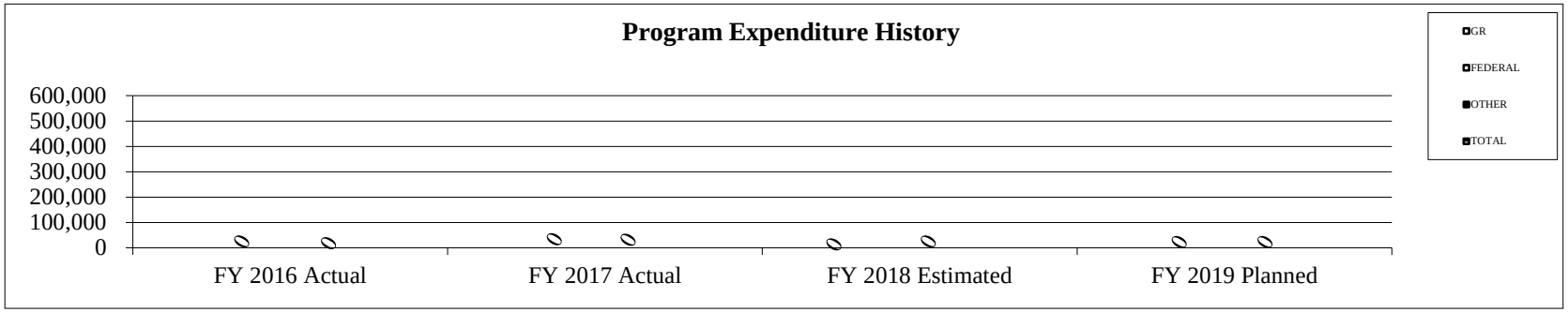
3. Are there federal matching requirements? If yes, please explain.

No

4. Is this a federally mandated program? If yes, please explain.

No

5. Provide actual expenditures for the prior three fiscal years and planned expenditures for the current fiscal year.



In FY2005 the program received and expended $206,770 in state appropriations. No appropriations have been provided for this program since FY2005.

6. What are the sources of the "Other " funds?

N/A

PROGRAM DESCRIPTION

Department of Higher Education
Program Name: University of Missouri Alzheimer's Program
Program is found in the following core budget(s): University of Missouri - Alzheimer's Program

7a. Provide an effectiveness measure.

This program has not received funding since FY2005. In FY2005, 33 proposals for research were received and 7 were awarded.

Base Target: Secure permanent funding for research awards
Stretch Target: Increase research funding and awards to meet program objectives

7b. Provide an efficiency measure.

This program has not received funding since FY2005. In FY2005, $205,000 was awarded with an average award amount of $29,000.

NOTE: The amount awarded is the appropriated funds less 10% which is used (per statute) for program administration.

7c. Provide the number of clients/individuals served, if applicable.
N/A

7d. Provide a customer satisfaction measure, if available.
N/A

NEW DECISION ITEM REQUEST

ALZHEIMER'S PROGRAM
FORM 5

Department: **Higher Education-Unrestricted**
Level 2 **University of Missouri System**
Level 3 **Other Curator Programs**
Decision Item Name: **Alzheimer's Program: $484,440**
Decision Item Rank: **1 of 1**

I. PURPOSE AND CRITERIA FOR INCLUSION IN REQUEST

Alzheimer's disease and other related diseases results from significant destruction of brain tissues and are characterized by a decline of memory and other intellectual functions. Alzheimer's disease is a particular problem in Missouri, a state with one of the largest elderly populations in the country. The purpose of this request is to fund research that will advance knowledge relating to Alzheimer's disease and related disorders.

II. DESCRIPTION

An advisory board will make research awards, consistent with the legislation, to investigators in public or private educational, health care, and research institutions and other voluntary health associations.

III. COST EXPLANATION

Senate Bill 200, passed in 1987, stipulates that the Board of Curators shall request annually an appropriation for Alzheimer's research of not less than $200,000 adjusted for inflation. In addition, the request is to include administrative costs not to exceed 10 percent of the appropriation for research. The statutory award per year was increased from $30,000 to $50,000 by Senate Bill 563 in 2012.

The request for FY2019 is $484,440 based on $200,000 and a projected Consumer Price Index of 220.2. The request for research funds is $440,400 and the request for administrative funds is $44,040, which is 10 percent of the research amount.

IV. EVALUATION OF OUTCOMES

The university will require reports from funded investigators and will evaluate annually the extent to which this program achieves its programmatic objectives.

PROGRAM DESCRIPTION

Department of Higher Education
Program Name: Spinal Cord Injury
Program is found in the following core budget(s): University of Missouri - Spinal Cord Injury

1a. What strategic priority does this program address?

Improve treatment of spinal cord injuries

1b. What does this program do?

This program provides support for research projects in Missouri that promote and advance knowledge in the areas of spinal cord injuries and congenital or acquired disease processes.

2. What is the authorization for this program, i.e., federal or state statute, etc.? (Include the federal program number, if applicable.)

Section 304.027, RSMo

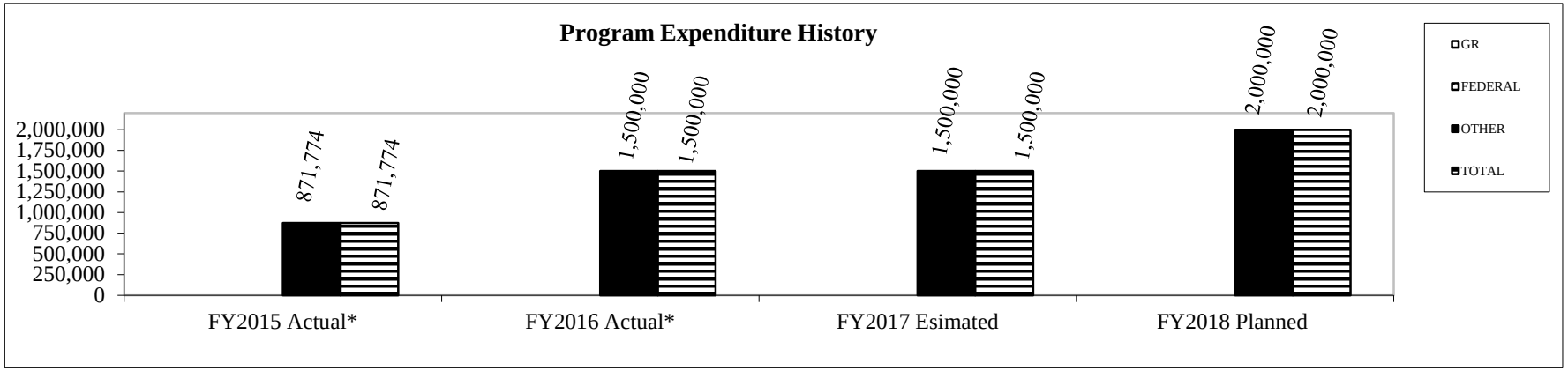
3. Are there federal matching requirements? If yes, please explain.

No

4. Is this a federally mandated program? If yes, please explain.

No

5. Provide actual expenditures for the prior three fiscal years and planned expenditures for the current fiscal year.



*Actual expenditures of $411,379 were recorded as accounts receivable by the university as funds were not drawn down until FY15

6. What are the sources of the "Other " funds?

Spinal Cord Injury Fund (0578)

PROGRAM DESCRIPTION

Department of Higher Education
Program Name: Spinal Cord Injury
Program is found in the following core budget(s): University of Missouri - Spinal Cord Injury

7a. Provide an effectiveness measure.

The Spinal Cord Injury Fund Program (SCI) was established in FY02. During FY02 potential members of an SCI Advisory Board were identified, nominated and approved by the University of Missouri Board of Curators. In FY03 the Advisory Board developed a list of organizations and institutions conducting spinal cord injury and treatment research. The Board then released a Call for Proposal and developed a web page to assist applicants in preparing proposals. The program's success will depend on the number of proposals that are awarded each year.

Measure: Increase number of viable awards received to improve selection pool

Proposals received vs proposals awarded

FY 15		FY 16		FY 17		FY 18 Base		FY 18 Stretch	
Proj Rec'd	Proj Award	Proj Rec'd	Proj Award	Proj Rec'd	Proj Award	Proj Rec'd	Proj Award	Proj Rec'd	Proj Award
18	5	26	7	18	6	18	6	22	6

7b. Provide an efficiency measure.

Average award per proposal

FY 15		FY 16		FY 17		FY 18 Base		FY 18 Stretch	
Total Award Amount	Avg Award Amount	Total Award Amount	Avg Award Amount	Total Award Amount	Avg Award Amount	Total Award Amount	Avg Award Amount	Total Award Amount	Avg Award Amount
$813,774	$203,444	$1,444,654	$206,379	$1,350,000	$225,000	$1,350,000	$225,000	$1,800,000	$225,000

7c. Provide the number of clients/individuals served, if applicable.

N/A

7d. Provide a customer satisfaction measure, if available.

N/A

NEW DECISION ITEM REQUEST

SPINAL CORD INJURY FUND
FORM 5

Department: **Higher Education-Unrestricted**
Level 2 **University of Missouri System**
Level 3 **Other Curator Programs**
Decision Item Name: **Spinal Cord Injuries and Congenital or Acquired Disease Processes Research Program: $1,500,000**
Decision Item Rank: **1 of 1**

I. PURPOSE AND CRITERIA FOR INCLUSION IN REQUEST

The Spinal Cord Injury Fund supports research in Missouri in the area of spinal cord injuries and congenital or acquired disease processes. The Spinal Cord Injury Fund was established by legislature in 2001 and is funded from a two-dollar surcharge on all county ordinance, criminal and traffic violation cases. State statute stipulates the Board of Curators shall request annually an appropriation for research awards and award administration from the Spinal Cord Injury Fund.

Congenital spinal cord abnormalities, such as spina bifida, include birth defects affecting the spinal cord. In addition to traumatic injuries to the spinal cord that lead to paralysis, acquired abnormalities could include Friedreich's ataxia, which manifests itself in teenage years and appears to run in families, as well as paralysis due to multiple sclerosis, polio, etc.

According to the National Spinal Cord Injury Statistical Center, approximately 282,000 persons in the United States are living with a spinal cord injury or dysfunction, with about 17,000 new cases each year. Most experts agree that this number is understated as cases involving instantaneous death, or death soon after injury, as well as those with little or no remaining neurological deficit or neurological problems secondary to trauma are not included. The majority (80 percent) of spinal cord injury victims are males. Most of the injuries result from motor vehicle accidents (38 percent), falls (30 percent), violence (14 percent), sports injuries (9 percent), medical/surgical (5 percent) or other (4 percent).

II. DESCRIPTION

The Advisory Board and program director will make research awards, consistent with the legislation, to investigators affiliated with a public or private educational, health care, voluntary health association or research institution.

III. COST EXPLANATION

State statute stipulates that the Board of Curators shall request annually an appropriation for research awards from the Spinal Cord Injury Fund. The maximum research award per legislative directive is $250,000. In FY2018, increased research demand required a one-time increase to $2.0 million. In FY2017 and the most recent prior years, $1.5 million has been appropriated for this effort. In FY2018 the requested amount totals $1.5 million. The request is composed of $1,350,000 for research funds and $150,000 for administrative funds.

IV. EVALUATION OF OUTCOMES

The university will require reports from funded investigators and will evaluate annually the extent to which this program achieves its programmatic objectives.

PROGRAM DESCRIPTION

Department of Higher Education
Program Name: Division of Four-year Colleges and Universities
Program is found in the following core budget(s): University of Missouri - State Seminary Fund

1a. What strategic priority does this program address?

Provide scholarships and operating funds from dedicated fund source

1b. What does this program do?

This program provides income for the general operation of University of Missouri College of Agriculture and School of Mines and Metallurgy and for three scholarships that the Curators added to the Seminary Fund in 1909. Funding for the investments that distribute to Agriculture and Mines & Metallurgy were derived from four sources - the First and Second Morrill Acts of 1862 which granted acreage to fund "at least one college to teach agriculture and mechanical arts", US Congressional reimbursement to the state of Missouri for subsisting troops during the Civil War, and fees from the sale or lease of railway equipment in 1895. Funding for the scholarships was from gifts/bequests to the university and per Board of Curators decision these were added to the Seminary Fund. Per state statute the Seminary monies belong to the university but the state must hold the securities.

2. What is the authorization for this program, i.e., federal or state statute, etc.? (Include the federal program number, if applicable.)

Section 172.610, RSMo

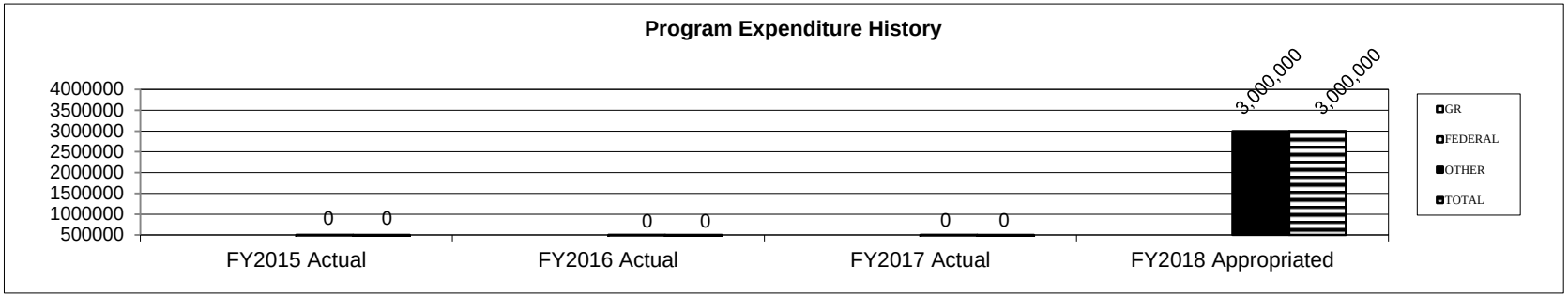
3. Are there federal matching requirements? If yes, please explain.

No

4. Is this a federally mandated program? If yes, please explain.

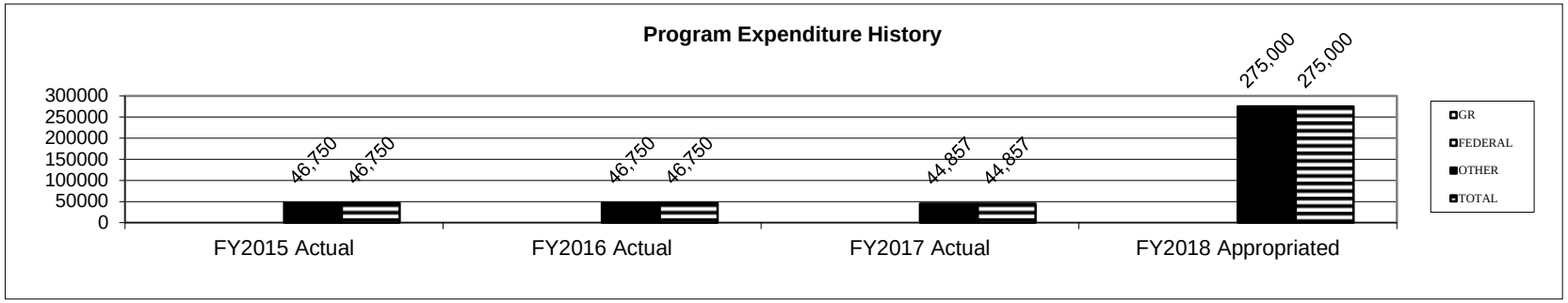
No

5. Provide actual expenditures for the prior three fiscal years and planned expenditures for the current fiscal year.



The expenditures in the graph above represent investments made by the university. As the investment instruments mature the university requisitions funds appropriated by the General Assembly for re-investment of investment instruments. This appropriation was not used for the FY2017 maturity. The State. Treasure purchased the investment instruments.

Department of Higher Education
Program Name: Division of Four-year Colleges and Universities
Program is found in the following core budget(s): University of Missouri - State Seminary Fund



The expenditures in the graph above represent interest from investments made by the university. The interest is used to fund operations at University of Missouri-Columbia (MU) and Missouri University of Science and Technology (S&T) campuses and to fund some scholarships.

6. What are the sources of the "Other " funds?

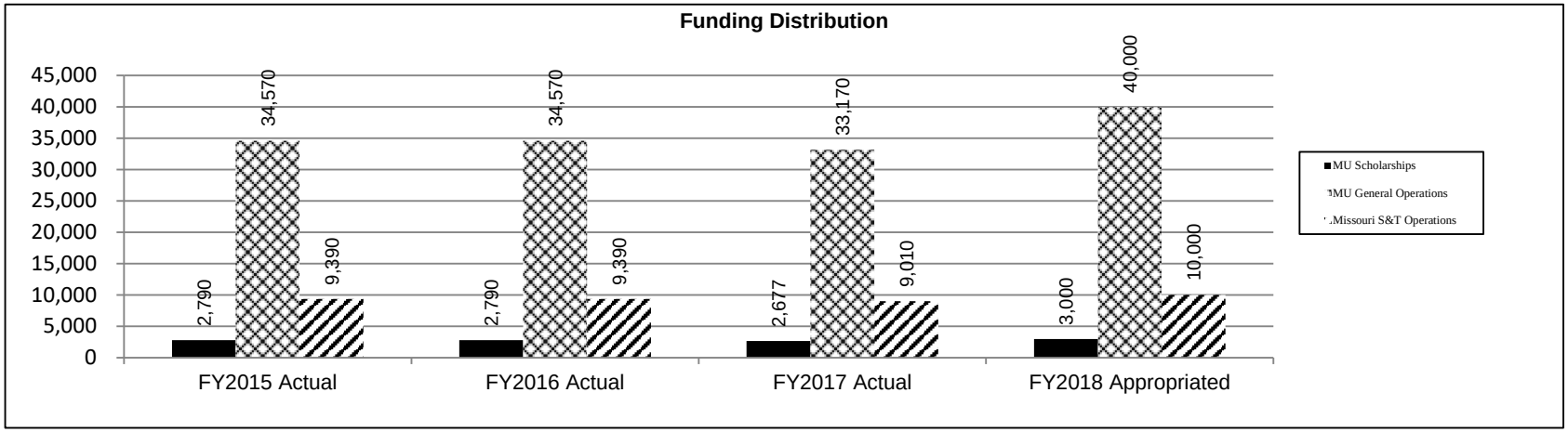
State Seminary Fund (0872); State Seminary Money Fund (0623)

7a. Provide an effectiveness measure.

Measure: Utilize interest earned to fund scholarships and program administration

Base Measure: Maintain prior year distribution level

Stretch Measure: Receive increase adjustment on distribution based on increased market returns



PROGRAM DESCRIPTION

Department of Higher Education
Program Name: Division of Four-year Colleges and Universities
Program is found in the following core budget(s): University of Missouri - State Seminary Fund

7b. Provide an efficiency measure.
N/A

7c. Provide the number of clients/individuals served, if applicable.
N/A

7d. Provide a customer satisfaction measure, if available.
N/A

NEW DECISION ITEM REQUEST

STATE SEMINARY FUND
FORM 5

Department: **Higher Education-Unrestricted**
Level 2 **University of Missouri System**
Level 3 **Other Curator Programs**
Decision Item Name: **Seminary Fund: $3,275,000**
Decision Item Rank: **1 of 1**

PURPOSE AND CRITERIA FOR INCLUSION IN REQUEST

The state **Seminary Fund** provides income for the general operation of University of Missouri – Columbia's College of Agriculture and Missouri Science and Technology's School of Mines and Metallurgy. This fund consists primarily from the sale of land grant property and other moneys donated on behalf of the University to the State of Missouri. Per state statute, the Seminary monies belong to the University but the state must hold the securities. A request must be made to the state annually for earnings, estimated at $275,000, from the monies to be distributed to the University. An appropriation request must also be made for any reinvestment of the principal from maturing investments but is only used when the government securities mature and must be sold and reinvested. The $3.0 million dollar appropriation level is sufficient for all investments to be reinvested in one fiscal year.

The Board of Curators is the commissioner of the Seminary Fund, and all money and funds held in or received by it, with the exception of interest, shall be invested by the commissioner in registered bonds of the United States or the State of Missouri, bonds of school districts of the State of Missouri or other securities on which the United States fully guarantees payment of not less than par value.

The State Treasurer is the custodian of the Seminary Fund and is not authorized to disburse any of these funds except upon a warrant drawn by the State Commissioner of Administration in accordance with the requisition made by the Board of Curators. The State Treasurer is empowered to collect the interest on bonds when due, credit the Seminary Fund and pay the Board of Curators the annual income received in the Seminary Funds upon requisition by the Board of Curators.

For FY2019 the university is requesting $3,000,000 in principal that will need to be reinvested during the fiscal year in Government Securities held in the Seminary Fund and $275,000 in earnings from principal held in the Seminary Fund.

	FY2018 Appropriation	FY2019 Request
To Cover Investment in Government Securities	$3,000,000	$3,000,000
To Cover Investment Earnings from Principal Held in the Seminary Fund	$275,000	$275,000

NEW DECISION ITEM REQUEST

UNRESTRICTED EDUCATIONAL AND GENERAL
FORM 5

Department: **Higher Education Unrestricted**
Level 2 **University of Missouri System**
Level 3 **All Programs**
Decision Item Name: **Missouri Returning Heroes Education Act: $749,693**
Decision Item Rank: **1 of 1**

I. PURPOSE AND CRITERIA FOR INCLUSION IN REQUEST

The Missouri Returning Heroes Act limits the amount of tuition charged to combat veterans who meet certain criteria but provides that institutions may request the tuition waived in the following year's appropriation request. The University of Missouri is requesting an appropriation equivalent to tuition waived in FY17 of $749,693. This request was not funded in previous years, FY09 through FY16, but has benefited over 1,700 unduplicated students at $4.8 million.

II. DESCRIPTION

The Missouri Returning Heroes Education Act, RSMo Section 173.900, became law on August 28, 2008. This law provides that all public institutions of higher education that receive state appropriated funds shall limit the amount of tuition charged to combat veterans to fifty dollars per credit hour as long as the veteran achieves and maintains a grade point average of 2.5 on a 4.0 scale, is enrolled in a program leading to certification or degree, and is attending in the ten year period following the last discharge from service. The law also provides that institutions may report the amount of tuition waived in a fiscal year and include the amount in the following year's appropriation request. SB968 in the 98th General Assembly modifies the language of this act and could significantly increase the cost in future years.

III. COST EXPLANATION

Campus	FY17 Students	FY17 Fees Waived	FY09-FY17 Cumulative Students	FY09-FY17 Cumulative Fees Waived
Columbia	67	$299,564	722	$2,076,093
Kansas City	62	$145,613	441	$1,294,517
Rolla	8	$32,045	81	$188,352
St. Louis	64	$272,471	487	$1,198,400
Total	201	$749,693	1,731	$4,757,362

Total Increase from State Appropriation $749,693

The request is for FY2017 actual costs and reflects student headcounts and tuition waived for fall, spring, and summer semesters. The student counts are the individual unduplicated counts for each year.