

PROGRAM DESCRIPTION

Department of Higher Education and Workforce Development
Program Name: University of Missouri - UMKC/MSU Doctor of Pharmacy Program

HB Section(s): 3.255

Program is found in the following core budget(s):

	University of Missouri	Total
GR	1,056,000	1,056,000
Federal		
Other		
Total	1,056,000	1,056,000

60% of previous \$2.0 million appropriation level provided in FY 2019.

In FY 2021, there was an 9% core reduction and 3% statutory withhold, which is \$1,056,000.

1a. What strategic priority does this program address?

Access

1b. What does this program do?

This funding supports University of Missouri Kansas City's (UMKC) development of a satellite doctor of pharmacy program at Missouri State University(MSU). 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 satellite program admits up to 30 students per class. The first class of students was admitted in fall 2014. In FY 2014-15, the program completed renovation of a 15,000 square foot 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 administrative support staff. In FY 2016, the school admitted the second class of students and hired additional faculty, administrative support staff, and IT specialist to assist with distance education. In subsequent years, the full cohort of faculty and staff were hired and are in place in FY 2021 including the associate dean, seven additional faculty, and two full time administrative assistants. The appropriation supports the personnel and distance education costs for the program. The program is graduating highly knowledgeable and skilled pharmacists who are prepared to pass necessary board exams, achieve high placement rates in employment, and are skilled scientists who are ready to make contributions to new drug development, as well as drug delivery and understanding underlying health and disease.

2a. Provide an activity measure(s) for the program.

The program has been working since FY 2014-15 to recruit faculty and students and produce pharmacists, particularly in southwest Missouri with the UMKC/MSU joint expansion of UMKC's pharmacy program. Significant effort of faculty and staff in Kansas City, Columbia, and Springfield was required to deliver course work, establish and implement experiential education, and assess student learning. Execution of the Doctor of Pharmacy (PharmD) program in Springfield would not have been possible without the expertise of faculty in Kansas City and Columbia, as well as state-of-the-art distance education technology. The program saves the state money in that a totally separate, independently accredited, and fully staffed pharmacy program at MSU would cost approximately \$12-15 M/year in compensation and an additional \$1-3M in operational expenses. These costs do not include facilities, so the overall cost would be substantially higher yet.

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2b. Provide a measure(s) of the program's quality.

- 92.9% of the 155 UMKC pharmacy students entering in the UMKC PharmD program in 2015 graduated on time in 2019
- 90.8% of the 141 UMKC pharmacy students entering in the UMKC PharmD program in 2016 graduated on time in 2020
- 28 students were admitted to the UMKC/MSU PharmD site in Springfield in 2016; 1 withdrew; 2 were delayed; 89.3% graduated on time in 2020
- 66% of the UMKC Class of 2020 had either full time employment or took post-doctoral positions; 34% were undecided or pending board exam passing at graduation in May 2020
- 47/57 UMKC PharmD grads who went into residency placement matched--82.4% match rate vs. 63.1% average national match rate
- 2020 data are pending, but 85.1% of 2019 graduates passed the national boards on first sitting; 96.6% passed by year end

2c. Provide a measure(s) of the program's impact.

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

FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2024
<u>Enrolled</u>	<u>Enrolled</u>	<u>Enrolled</u>	<u>Admitted</u>	<u>Planned</u>	<u>Planned</u>	<u>Planned</u>
31	30	26	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 and graduated in 2018; second class graduated in 2019, third in 2020.
- At the time of graduation in May 2018, 24 of 31 of the graduates from the UMKC/MSU PharmD expansion had a confirmed job or post-doctoral residency placement: 20 in southwest Missouri, 1 in southeast Missouri, 1 in Kansas City, and 2 out of state.
- In May 2019, 17/26 graduates had confirmed jobs or post-doctoral residencies; 14 in southwest MO, 1 in KC, 1 in St. Louis
- 2020 graduate data pending

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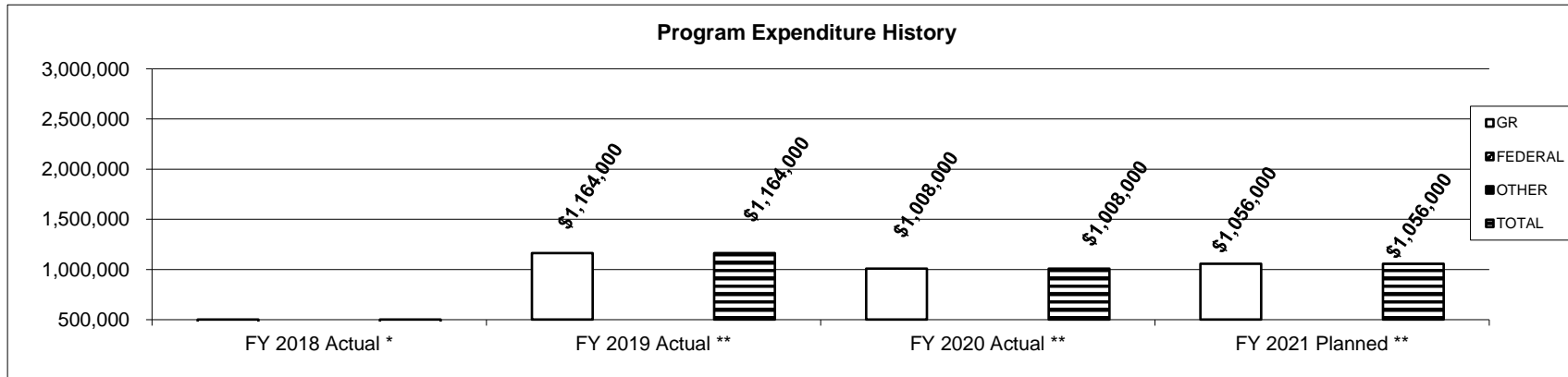
2d. Provide a measure(s) of the program's efficiency.

Number of student graduates from joint pharmacy program:

FY2020 Actual	FY2021 Planned	FY2022 Planned	FY2023 Planned	FY2024 Planned	FY2025 Planned	FY2026 Planned
25	31	29	30	30	30	30

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

3. Provide actual expenditures for the prior three fiscal years and planned expenditures for the current fiscal year. (Note: Amounts do not include fringe benefit costs.)



* \$1.0 million appropriated in FY 2018 shown net of expenditure restriction.

** No longer a separate line item, rolled into University of Missouri core budget at 60% of previous funding in FY 2019. In FY 2019 there was a 3% reserve, in FY 2020 there was a 12% core extraordinary withhold plus a 3% reserve, and in FY 21 there was a 9% core reduction plus a 3% reserve.

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

None

5. 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.

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

No

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

No