

TOPIC: Report on Extramural Funding – FY 2022

COMMITTEE: Education Policy and Student Life

DATE OF COMMITTEE MEETING: Tuesday, January 10, 2023

SUMMARY: This report provides information on extramural awards received by USM institutions in support of specific initiatives in research, education, or service for FY 2022. In addition to detailed information by institution and funding source for FY 2021 and FY 2022, the report also provides five years of summary data by institution for comparison purposes. It is important to note that while the report on extramural awards is consistent within the USM, it is not directly comparable with NSF accounting-based reports nor with expenditure data in System budget documents.

In FY 2022, when accounting for funding received by USM institutions from sources other than another USM institution, the System received a total of \$1,573,438,515.81 in extramural funding, a 1.58% decrease from the FY 2021 total of \$1,598,843,604.81. UMB and UMCP garnered the largest extramural funding totals among System institutions. BSU, CSU, FSU, SU, TU, UBalt, UMBC, UMCES, and UMCP obtained higher levels of extramural funding than in FY 2021.

ALTERNATIVE(S): This is an information item.

FISCAL IMPACT: This is an information item.

CHANCELLOR'S RECOMMENDATION: This is an information item.

COMMITTEE ACTION: Information Only

DATE: January 10, 2023

BOARD ACTION:

DATE:

SUBMITTED BY: Joann A. Boughman 301-445-1992

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USM Report on Extramural Funding FY 2022

Major sources of support for activities at the USM institutions come from extramural sources, including grants and contracts. The faculty and staff of USM institutions obtain funding for research, education, and public service activities from many sources. This report shows how many proposals were generated, how many awards were received, and the total amount of funding received from external sources for each institution and the USM overall.

In FY 2022, when accounting for funding received by USM institutions from sources other than another USM institution, the System received a total of \$1,573,438,515.81 in extramural funding, a 1.58% decrease from the FY 2021 total of \$1,598,843,604.81. UMB and UMCP garnered the largest extramural funding totals among System institutions. BSU, CSU, FSU, SU, TU, UBalt, UMBC, UMCES, and UMCP obtained higher levels of extramural funding than in FY 2021.

Table 1 shows how much income each institution generated in the past two years from grants and contracts from the federal government, Maryland state agencies, non-profit foundations, corporations, and other sources, such as non-governmental organizations. Table 1 also shows the number of proposals submitted to each type of funding source and the number of grants awarded. Awards are counted in the year they are received. It should also be noted that in this report, the number of awards represents not only new awards but also amendments to existing awards that provide additional funding not previously accounted for. Institutions that receive a high percentage of awards funded in increments will have a higher number of awards than proposals, since one initial proposal could result in multiple funding actions. It should also be noted that some awards received in FY 2022 were the result of proposals submitted in a prior fiscal year and that notification regarding the funding of some proposals was still pending when the fiscal year closed.

The degree to which institution secured funding from the various sources differs by institution. The federal government continues to be the largest funding source for the System as a whole (approximately 60% of the USM total – similar to FY 2021) and the majority of our institutions (eleven of twelve). However, the state government, corporations and foundations, and other sources also provide critical support for USM institutions. System-wide, the number of awards is up although the number of proposals has decreased. However, as noted above, awards received in FY 22 could be the result of proposals submitted in a prior fiscal year.

Table 2 shows how the overall external funding to the USM and the funding to most USM institutions have been steadily increasing since FY 2018 until the small decrease this year. Only three institutions are down in funding from last year, and one of those, UMES, is a shift back to their pre-FY 2021 totals. FY 2021 was the standout year for UMES; their FY 2022 total is more standard. UMB's and UMGC's decreases are nominal. On the other hand, Coppin and Frostburg posted over 100% increases in funding from FY 2021 totals, and several other institutions realized double-digit percent increases over FY 2021.

Institutions whose funding levels increased this year attribute those increases to the diversification of funding streams, staffing improvements in sponsored research offices, more efficient tracking of faculty awards, a focus on increasing the number of proposals with attention to higher-dollar value awards, and an increase in sponsors' releasing funding to resume projects that were on hold or extended during the height of COVID.

Finally, the USM recognizes that, in February 2022, UMBC was notified that the University had been reclassified by the Carnegie Commission on Higher Education and distinguished as a *Doctoral University – Very High Research Activity (R1)* institution. The Research and Creative Achievement Community at UMBC worked arduously to attain this prestigious designation and is dedicated to continue striving for research excellence to ensure UMBC's recognition as a leading research institution.

Table 1
Extramural Funding for the USM – Fiscal Years 2021 and 2022

FY 2021			
USM			
Source	Award Amount	Awards	Proposals
Federal	\$981,463,488.56	2,700	3,316
State	\$211,406,619.37	1,967	862
Corporate	\$93,801,776.00	1,503	1,175
Foundations	\$118,499,225.08	848	927
Other	\$216,154,025.75	2,727	2,343
TOTAL	\$1,621,325,134.76	9,745	8,623
Total Less Other USM	\$1,598,843,604.81		

BSU			
Source	Award Amount	Awards	Proposals
Federal	\$14,214,128.20	33	33
State	\$2,537,204.00	16	10
Corporate	\$12,400.00	2	0
Foundations	\$20,000.00	1	0
Other	\$5,000.00	7	4
TOTAL	\$16,788,732.20	59	47
Total Less Other USM	\$16,783,732.00		

CSU			
Source	Award Amount	Awards	Proposals
Federal	\$7,665,680.36	18	22
State	\$1,637,036.37	34	41
Corporate	\$298,349.00	7	26
Foundations	\$225,190.00	6	9
Other	\$117,538.75	22	22
TOTAL	\$9,943,794.48	87	120
Total Less Other USM	\$9,826,255.73		

FSU			
Source	Award Amount	Awards	Proposals
Federal	\$2,140,867.00	6	11
State	\$1,153,865.00	17	15
Corporate	\$0.00	0	0
Foundations	\$21,500.00	3	4
Other	\$513,210.00	12	19
TOTAL	\$3,829,442.00	38	49
Total Less Other USM	\$3,351,082.00		

SU			
Source	Award Amount	Awards	Proposals
Federal	\$1,267,788.00	3	12
State	\$4,721,019.00	49	50
Corporate	\$0.00	0	1
Foundations	\$39,735.00	8	12
Other	\$908,401.00	30	44
TOTAL	\$6,936,943.00	90	119
Total Less Other USM	\$5,135,529.00		

FY 2022			
USM			
Source	Award Amount	Awards	Proposals
Federal	\$982,150,520.42	2,771	3,015
State	\$216,597,040.69	1,285	838
Corporate	\$111,764,284.52	1,457	1,029
Foundations	\$65,623,111.14	907	667
Other	\$251,694,152.30	3,807	2,395
TOTAL	\$1,627,829,109.07	10,227	7,944
Total Less Other USM	\$1,573,438,515.81		

BSU			
Source	Award Amount	Awards	Proposals
Federal	\$25,402,538.42	50	31
State	\$514,093.00	10	10
Corporate	\$111,052.00	4	0
Foundations	\$18,000.00	1	2
Other	\$0.00	0	1
TOTAL	\$26,045,683.42	65	44
Total Less Other USM	\$26,044,683.42		

CSU			
Source	Award Amount	Awards	Proposals
Federal	\$17,358,807.00	10	35
State	\$859,834.44	17	25
Corporate	\$725,575.00	12	18
Foundations	\$936,250.35	14	28
Other	\$143,331.94	1	8
TOTAL	\$20,023,798.73	54	114
Total Less Other USM	\$19,046,559.90		

FSU			
Source	Award Amount	Awards	Proposals
Federal	\$4,834,634.01	12	19
State	\$2,911,359.23	22	19
Corporate	\$55,000.00	2	3
Foundations	\$28,600.00	5	8
Other	\$255,642.12	15	20
TOTAL	\$8,085,235.36	56	69
Total Less Other USM	\$7,960,944.36		

SU			
Source	Award Amount	Awards	Proposals
Federal	\$3,801,382.00	11	18
State	\$4,719,265.00	44	46
Corporate	\$25,000.00	1	2
Foundations	\$120,392.00	13	17
Other	\$661,090.00	36	62
TOTAL	\$9,327,129.00	105	145
Total Less Other USM	\$8,307,089.00		

FY 2021

TU

Source	Award Amount	Awards	Proposals
Federal	\$4,896,080.00	25	44
State	\$8,676,894.00	56	32
Corporate	\$360,167.00	9	12
Foundations	\$84,500.00	3	22
Other	\$721,841.00	25	36
TOTAL	\$14,739,482.00	118	146
Total Less Other USM	\$14,364,535.00		

UBalt

Source	Award Amount	Awards	Proposals
Federal	\$8,921,453.00	7	12
State	\$5,090,115.00	33	31
Corporate	\$0.00	0	2
Foundations	\$537,986.08	16	28
Other	\$1,899,919.00	12	16
TOTAL	\$16,449,473.08	68	89
Total Less Other USM	\$15,962,335.08		

UMB

Source	Award Amount	Awards	Proposals
Federal	\$365,003,989.00	765	1,049
State	\$92,682,859.00	328	307
Corporate	\$63,343,336.00	605	492
Foundations	\$93,474,990.00	360	560
Other	\$77,705,951.00	449	839
TOTAL	\$692,211,125.00	2,507	3,247
Total Less Other USM	\$690,112,744.00		

UMBC

Source	Award Amount	Awards	Proposals
Federal	\$40,084,209.00	209	307
State	\$20,545,578.00	43	62
Corporate	\$3,744,283.00	68	101
Foundations	\$3,240,208.00	49	85
Other	\$16,259,685.00	106	182
TOTAL	\$83,873,963.00	475	737
Total Less Other USM	\$72,825,769.00		

UMCES

Source	Award Amount	Awards	Proposals
Federal	\$13,428,869.00	115	141
State	\$5,521,399.00	44	33
Corporate	\$624,414.00	6	6
Foundations	\$1,566,265.00	28	28
Other	\$2,782,234.00	31	29
TOTAL	\$23,923,181.00	224	237
Total Less Other USM	\$23,461,321.00		

FY 2022

TU

Source	Award Amount	Awards	Proposals
Federal	\$8,072,387.00	26	41
State	\$4,115,455.00	39	35
Corporate	\$813,627.00	14	9
Foundations	\$315,316.00	11	23
Other	\$2,143,495.00	31	59
TOTAL	\$15,460,280.00	121	167
Total Less Other USM	\$15,385,281.00		

UBalt

Source	Award Amount	Awards	Proposals
Federal	\$10,240,360.00	7	6
State	\$6,576,578.48	32	27
Corporate	\$14,096.00	2	4
Foundations	\$455,082.00	14	27
Other	\$2,361,867.00	20	17
TOTAL	\$19,647,983.48	75	81
Total Less Other USM	\$19,361,183.48		

UMB

Source	Award Amount	Awards	Proposals
Federal	\$324,855,489.00	756	952
State	\$109,812,653.00	385	278
Corporate	\$63,646,080.00	578	388
Foundations	\$24,315,597.00	198	293
Other	\$113,544,152.00	557	949
TOTAL	\$636,173,971.00	2,474	2,860
Total Less Other USM	\$604,358,538.00		

UMBC

Source	Award Amount	Awards	Proposals
Federal	\$62,660,443.36	296	267
State	\$15,762,929.76	47	65
Corporate	\$4,355,166.52	72	72
Foundations	\$7,112,044.79	77	96
Other	\$24,423,579.24	145	182
TOTAL	\$114,314,163.67	637	682
Total Less Other USM	\$99,405,901.02		

UMCES

Source	Award Amount	Awards	Proposals
Federal	\$12,363,940.00	128	181
State	\$4,139,923.00	54	44
Corporate	\$11,254,909.00	13	13
Foundations	\$1,751,780.00	31	27
Other	\$1,812,160.00	37	32
TOTAL	\$31,322,712.00	263	297
Total Less Other USM	\$30,770,444.00		

FY 2021

UMCP

Source	Award Amount	Awards	Proposals
Federal	\$443,488,526.00	1,477	1,622
State	\$66,216,973.00	1,317	245
Corporate	\$25,012,552.00	798	529
Foundations	\$19,194,091.00	367	170
Other	\$114,614,730.00	2,021	1,133
TOTAL	\$668,526,872.00	5,980	3,699
Total Less Other USM	\$663,211,652.00		

UMES

Source	Award Amount	Awards	Proposals
Federal	\$24,435,803.00	37	58
State	\$2,253,519.00	29	34
Corporate	\$100,000.00	1	3
Foundations	\$25,760.00	2	6
Other	\$514,766.00	10	15
TOTAL	\$27,329,848.00	79	116
Total Less Other USM	\$27,036,371.00		

UMGC

Source	Award Amount	Awards	Proposals
Federal	\$55,916,096.00	5	5
State	\$370,158.00	1	2
Corporate	\$306,275.00	7	3
Foundations	\$69,000.00	5	3
Other	\$110,750.00	2	4
TOTAL	\$56,772,279.00	20	17
Total Less Other USM	\$56,772,279.00		

FY 2022

UMCP

Source	Award Amount	Awards	Proposals
Federal	\$446,399,505.00	1,434	1,401
State	\$65,516,133.00	604	266
Corporate	\$30,163,249.00	749	512
Foundations	\$30,477,549.00	536	138
Other	\$104,729,336.00	2,939	1,039
TOTAL	\$677,285,772.00	6,262	3,356
Total Less Other USM	\$673,615,145.00		

UMES

Source	Award Amount	Awards	Proposals
Federal	\$16,588,755.63	36	59
State	\$953,133.78	26	18
Corporate	\$235,155.00	2	1
Foundations	\$18,500.00	1	4
Other	\$1,563,249.00	26	25
TOTAL	\$19,358,793.41	91	107
Total Less Other USM	\$18,399,159.63		

UMGC

Source	Award Amount	Awards	Proposals
Federal	\$49,572,279.00	5	5
State	\$715,683.00	5	5
Corporate	\$365,375.00	8	7
Foundations	\$74,000.00	6	4
Other	\$56,250.00	0	1
TOTAL	\$50,783,587.00	24	22
Total Less Other USM	\$50,783,587.00		

Table 2
Extramural Funding Summary
Fiscal Years 2018-2022

Institution	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	% Change
						FY21 - FY22
BSU	\$10,054,156.20	\$9,877,588.50	\$12,195,822.12	\$16,788,732.20	\$26,045,683.42	+55.1%
CSU	\$7,254,220.22	\$8,455,960.85	\$9,701,729.56	\$9,943,794.48	\$20,023,798.73	+101.3%
FSU	\$2,436,317.00	\$3,950,208.00	\$3,619,088.00	\$3,829,442.00	\$8,085,235.36	+111.1%
SU	\$5,514,543.00	\$8,705,449.00	\$6,695,773.00	\$6,936,943.00	\$9,327,129.00	+34.4%
TU	\$14,966,768.00	\$12,069,844.00	\$6,727,767.00	\$14,739,482.00	\$15,460,280.00	+4.89%
UBalt	\$13,963,210.00	\$15,026,162.00	\$17,311,342.00	\$16,449,473.08	\$19,647,983.48	+19.4%
UMB	\$667,402,728.00	\$664,650,088.00	\$686,875,487.21	\$692,211,125.00	\$636,173,971.00	-8.09%
UMBC	\$86,214,206.00	\$90,474,514.00	\$81,005,288.00	\$83,873,963.00	\$114,314,163.67	+36.2%
UMCES	\$27,140,666.81	\$21,741,883.36	\$24,095,256.03	\$23,923,181.00	\$31,322,712.00	+30.9%
UMCP	\$545,314,107.00	\$569,462,970.00	\$619,908,919.00	\$668,526,872.00	\$677,285,772.00	+1.31%
UMES	\$16,098,480.91	\$17,194,525.54	\$18,890,552.00	\$27,329,848.00	\$19,358,793.41	-29.1%
UMGC	\$54,782,797.00	\$57,041,537.00	\$75,575,017.00	\$56,772,279.00	\$50,783,587.00	-10.5%
Institutional Total	\$1,451,142,200.14	\$1,478,650,730.25	\$1,562,602,040.92	\$1,621,325,134.76	\$1,627,829,109.07	+0.40%
USM Total (LESS OTHER USM)	\$1,429,166,242.14	\$1,460,932,947.34	\$1,542,951,565.87	\$1,598,843,604.81	\$1,573,438,515.81	-1.58%