

TOPIC: Report on Extramural Funding – FY 2018

COMMITTEE: Education Policy and Student Life

DATE OF COMMITTEE MEETING: Tuesday, January 15, 2019

SUMMARY: This report provides information on extramural awards received by USM institutions in support of specific initiatives in research, education, or service in FY 2018. In addition to detailed information by institution and funding source for FY 2017 and FY 2018, 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 2018, the System received a total of \$1,427,395,642.14 in extramural funding, a 10% increase from the FY 2017 total of \$1,292,254,826.32. UMB and UMCP garnered the largest extramural funding totals among System institutions. BSU, TU, UB, UMB, UMCES, UMCP, and UMUC obtained higher levels of extramural funding than in FY 2017.

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 15, 2019

BOARD ACTION:

DATE:

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

jboughman@usmd.edu



USM Report on Extramural Funding FY 2018

Major sources of support for the activities on the campuses of 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 each institution generated, how many awards were received, and the total amount of funding received from external sources.

In FY 2018, the System received a total of \$1,427,395,642.14 in extramural funding, a 10% increase from the FY 2017 total of \$1,292,254,826.32. The proportion of the total FY17 budget accounted for by extramural funding was essentially equal to that accounted for by General Funds/HEIF. As noted on table 2, overall external funding to the USM has been steadily increasing since FY 2014. These increases are promising, although securing federal funding is still challenging.

Awards are counted in the year they are received. By contrast, reports issued by government agencies, such as the National Science Foundation provide data on expenditures, not awards, for research; expenditures may be verified by accounting procedures but the data lag behind the receipt of awards by years.

Table I shows how much income each institution generated in each of 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 I also shows the number of proposals submitted to each type of funding source and the number of grants 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 were the result of proposals submitted in a prior fiscal year and that notification regarding the funding of some proposals submitted in FY 2018 were still pending as the fiscal year closed.

At every institution, extramural funding derives from a variety of sources. Although the federal government is the largest funding source for the System as a whole and the majority of our institutions, the state government, corporations and foundations, and other sources provide critical support on the same order of magnitude for several of our comprehensive universities.

Table 1
Extramural Funding for the USM – Fiscal Years 2017 and 2018

FY 2017

USM

| Source | Award Amount | Awards | Proposals |
|----------------------|---------------------------|--------------|--------------|
| Federal | \$793,563,440.34 | 3,004 | 3,771 |
| State | \$187,779,852.84 | 1,426 | 983 |
| Corporate | \$106,334,186.34 | 1,821 | 1,169 |
| Foundations | \$109,445,636.73 | 988 | 863 |
| Other | \$113,221,839.26 | 2,569 | 1,896 |
| TOTAL | \$1,310,344,955.51 | 9,808 | 8,682 |
| Total Less Other USM | \$1,292,254,826.32 | | |

BSU

| Source | Award Amount | Awards | Proposals |
|----------------------|-----------------------|-----------|-----------|
| Federal | \$8,033,374.86 | 45 | 26 |
| State | \$575,548.00 | 5 | 8 |
| Corporate | \$5,300.00 | 1 | 1 |
| Foundations | \$135,800.00 | 5 | 4 |
| Other | \$0.00 | 0 | 1 |
| TOTAL | \$8,750,022.86 | 56 | 40 |
| Total Less Other USM | \$8,750,022.86 | | |

CSU

| Source | Award Amount | Awards | Proposals |
|----------------------|-----------------------|-----------|------------|
| Federal | \$5,411,138.80 | 23 | 38 |
| State | \$1,461,307.00 | 18 | 25 |
| Corporate | \$459,767.80 | 12 | 19 |
| Foundations | \$433,650.20 | 11 | 22 |
| Other | \$170,000.00 | 8 | 11 |
| TOTAL | \$7,935,863.80 | 72 | 115 |
| Total Less Other USM | \$7,765,863.80 | | |

FSU

| Source | Award Amount | Awards | Proposals |
|----------------------|-----------------------|-----------|-----------|
| Federal | \$2,422,337.00 | 9 | 13 |
| State | \$5,301,229.00 | 21 | 24 |
| Corporate | \$0.00 | 0 | 0 |
| Foundations | \$71,866.00 | 8 | 11 |
| Other | \$370,672.00 | 11 | 20 |
| TOTAL | \$8,166,104.00 | 49 | 68 |
| Total Less Other USM | \$7,818,382.00 | | |

SU

| Source | Award Amount | Awards | Proposals |
|----------------------|-----------------------|------------|------------|
| Federal | \$1,261,354.00 | 8 | 15 |
| State | \$4,037,922.00 | 44 | 49 |
| Corporate | \$39,687.00 | 4 | 6 |
| Foundations | \$362,276.00 | 21 | 23 |
| Other | \$717,348.00 | 62 | 75 |
| TOTAL | \$6,418,587.00 | 139 | 168 |
| Total Less Other USM | \$5,760,833.00 | | |

FY 2018

USM

| Source | Award Amount | Awards | Proposals |
|----------------------|---------------------------|--------------|--------------|
| Federal | \$860,251,346.82 | 2,911 | 3,715 |
| State | \$188,248,025.77 | 1,560 | 842 |
| Corporate | \$105,895,202.21 | 1,699 | 1,243 |
| Foundations | \$148,929,850.30 | 981 | 850 |
| Other | \$146,047,175.04 | 2,468 | 1,965 |
| TOTAL | \$1,449,371,600.14 | 9,619 | 8,615 |
| Total Less Other USM | \$1,427,395,642.14 | | |

BSU

| Source | Award Amount | Awards | Proposals |
|----------------------|------------------------|-----------|-----------|
| Federal | \$9,697,161.70 | 54 | 30 |
| State | \$138,298.50 | 4 | 8 |
| Corporate | \$75,000.00 | 1 | 0 |
| Foundations | \$115,500.00 | 3 | 0 |
| Other | \$28,196.00 | 3 | 4 |
| TOTAL | \$10,054,156.20 | 65 | 42 |
| Total Less Other USM | \$10,025,960.20 | | |

CSU

| Source | Award Amount | Awards | Proposals |
|----------------------|-----------------------|-----------|------------|
| Federal | \$4,262,905.00 | 20 | 32 |
| State | \$1,153,458.71 | 17 | 22 |
| Corporate | \$641,842.21 | 16 | 26 |
| Foundations | \$465,970.30 | 12 | 24 |
| Other | \$730,044.00 | 14 | 18 |
| TOTAL | \$7,254,220.22 | 79 | 122 |
| Total Less Other USM | \$6,524,176.22 | | |

FSU

| Source | Award Amount | Awards | Proposals |
|----------------------|-----------------------|-----------|-----------|
| Federal | \$1,150,456.00 | 12 | 9 |
| State | \$867,174.00 | 17 | 19 |
| Corporate | \$10,000.00 | 1 | 1 |
| Foundations | \$11,414.00 | 6 | 9 |
| Other | \$397,273.00 | 7 | 11 |
| TOTAL | \$2,436,317.00 | 43 | 49 |
| Total Less Other USM | \$2,041,543.00 | | |

SU

| Source | Award Amount | Awards | Proposals |
|----------------------|-----------------------|------------|------------|
| Federal | \$1,602,025.00 | 7 | 15 |
| State | \$3,437,315.00 | 40 | 46 |
| Corporate | \$15,851.00 | 3 | 6 |
| Foundations | \$172,159.00 | 18 | 37 |
| Other | \$287,193.00 | 41 | 60 |
| TOTAL | \$5,514,543.00 | 109 | 164 |
| Total Less Other USM | \$5,141,941.00 | | |

FY 2017

TU

| Source | Award Amount | Awards | Proposals |
|-------------------------|------------------------|--------|-----------|
| Federal | \$5,834,363.00 | 26 | 60 |
| State | \$3,338,216.00 | 67 | 95 |
| Corporate | \$503,447.00 | 18 | 30 |
| Foundations | \$258,090.00 | 8 | 22 |
| Other | \$915,826.00 | 35 | 70 |
| TOTAL | \$10,849,942.00 | 154 | 277 |
| Total Less Other USM | \$10,439,414.00 | | |

UB

| Source | Award Amount | Awards | Proposals |
|-------------------------|------------------------|--------|-----------|
| Federal | \$1,572,845.00 | 6 | 8 |
| State | \$7,489,517.00 | 43 | 38 |
| Corporate | \$60,073.00 | 6 | 4 |
| Foundations | \$821,710.00 | 28 | 35 |
| Other | \$925,228.00 | 14 | 16 |
| TOTAL | \$10,869,373.00 | 97 | 101 |
| Total Less Other USM | \$10,582,279.00 | | |

UMB

| Source | Award Amount | Awards | Proposals |
|-------------------------|-------------------------|--------|-----------|
| Federal | \$285,099,637.66 | 887 | 1,160 |
| State | \$79,895,227.13 | 334 | 372 |
| Corporate | \$66,995,810.27 | 582 | 529 |
| Foundations | \$86,617,906.21 | 335 | 533 |
| Other | \$37,462,631.33 | 409 | 560 |
| TOTAL | \$556,071,212.60 | 2,547 | 3,154 |
| Total Less Other USM | \$553,170,320.29 | | |

UMBC

| Source | Award Amount | Awards | Proposals |
|-------------------------|------------------------|--------|-----------|
| Federal | \$48,910,501.00 | 318 | 317 |
| State | \$33,687,694.00 | 160 | 94 |
| Corporate | \$1,934,158.00 | 45 | 36 |
| Foundations | \$2,696,184.00 | 37 | 35 |
| Other | \$11,956,082.00 | 136 | 146 |
| TOTAL | \$99,184,619.00 | 696 | 628 |
| Total Less Other USM | \$92,193,683.00 | | |

UMCES

| Source | Award Amount | Awards | Proposals |
|-------------------------|------------------------|--------|-----------|
| Federal | \$12,320,268.28 | 163 | 184 |
| State | \$6,695,455.07 | 102 | 56 |
| Corporate | \$1,795,160.10 | 89 | 21 |
| Foundations | \$682,865.00 | 29 | 15 |
| Other | \$3,807,776.46 | 197 | 37 |
| TOTAL | \$25,301,524.91 | 580 | 313 |
| Total Less Other USM | \$24,739,097.91 | | |

FY 2018

TU

| Source | Award Amount | Awards | Proposals |
|-------------------------|------------------------|--------|-----------|
| Federal | \$4,020,010.00 | 24 | 50 |
| State | \$6,476,578.00 | 87 | 77 |
| Corporate | \$949,619.00 | 27 | 35 |
| Foundations | \$1,092,400.00 | 6 | 20 |
| Other | \$657,561.00 | 32 | 55 |
| TOTAL | \$13,196,168.00 | 176 | 237 |
| Total Less Other USM | \$12,953,604.00 | | |

UB

| Source | Award Amount | Awards | Proposals |
|-------------------------|------------------------|--------|-----------|
| Federal | \$6,653,753.00 | 9 | 10 |
| State | \$4,832,026.00 | 38 | 21 |
| Corporate | \$90,930.00 | 2 | 2 |
| Foundations | \$823,787.00 | 25 | 20 |
| Other | \$1,562,714.00 | 10 | 9 |
| TOTAL | \$13,963,210.00 | 84 | 62 |
| Total Less Other USM | \$13,698,053.00 | | |

UMB

| Source | Award Amount | Awards | Proposals |
|-------------------------|-------------------------|--------|-----------|
| Federal | \$336,079,522.00 | 816 | 1,280 |
| State | \$87,383,998.00 | 380 | 286 |
| Corporate | \$68,832,881.00 | 557 | 542 |
| Foundations | \$126,206,745.00 | 373 | 507 |
| Other | \$48,899,582.00 | 430 | 649 |
| TOTAL | \$667,402,728.00 | 2,556 | 3,264 |
| Total Less Other USM | \$664,599,070.00 | | |

UMBC

| Source | Award Amount | Awards | Proposals |
|-------------------------|------------------------|--------|-----------|
| Federal | \$40,457,391.00 | 254 | 276 |
| State | \$28,227,746.00 | 114 | 90 |
| Corporate | \$2,241,196.00 | 53 | 26 |
| Foundations | \$754,356.00 | 10 | 37 |
| Other | \$14,533,517.00 | 163 | 113 |
| TOTAL | \$86,214,206.00 | 594 | 542 |
| Total Less Other USM | \$77,180,308.00 | | |

UMCES

| Source | Award Amount | Awards | Proposals |
|-------------------------|------------------------|--------|-----------|
| Federal | \$16,481,299.21 | 171 | 132 |
| State | \$4,376,060.56 | 103 | 53 |
| Corporate | \$2,520,760.00 | 80 | 13 |
| Foundations | \$816,441.00 | 44 | 31 |
| Other | \$2,946,106.04 | 193 | 26 |
| TOTAL | \$27,140,666.81 | 591 | 255 |
| Total Less Other USM | \$26,833,196.81 | | |

FY 2017

UMCP

| Source | Award Amount | Awards | Proposals |
|-------------------------|-------------------------|--------------|--------------|
| Federal | \$361,545,198.84 | 1,472 | 1,865 |
| State | \$44,985,537.43 | 623 | 212 |
| Corporate | \$34,369,180.49 | 1,055 | 518 |
| Foundations | \$17,154,616.32 | 488 | 142 |
| Other | \$56,692,963.47 | 1,691 | 953 |
| TOTAL | \$514,747,496.55 | 5,329 | 3,690 |
| Total Less Other USM | \$509,225,381.67 | | |

UMES

| Source | Award Amount | Awards | Proposals |
|-------------------------|------------------------|-----------|------------|
| Federal | \$19,252,290.90 | 44 | 82 |
| State | \$295,200.21 | 7 | 8 |
| Corporate | \$143,602.68 | 5 | 1 |
| Foundations | \$154,673.00 | 14 | 17 |
| Other | \$123,312.00 | 4 | 6 |
| TOTAL | \$19,969,078.79 | 74 | 114 |
| Total Less Other USM | \$19,728,417.79 | | |

UMUC

| Source | Award Amount | Awards | Proposals |
|-------------------------|------------------------|-----------|-----------|
| Federal | \$41,900,131.00 | 3 | 3 |
| State | \$17,000.00 | 2 | 2 |
| Corporate | \$28,000.00 | 4 | 4 |
| Foundations | \$56,000.00 | 4 | 4 |
| Other | \$80,000.00 | 2 | 1 |
| TOTAL | \$42,081,131.00 | 15 | 14 |
| Total Less Other USM | \$42,081,131.00 | | |

FY 2018

UMCP

| Source | Award Amount | Awards | Proposals |
|-------------------------|-------------------------|--------------|--------------|
| Federal | \$371,357,141.00 | 1,492 | 1,790 |
| State | \$50,104,546.00 | 738 | 195 |
| Corporate | \$30,019,623.00 | 952 | 587 |
| Foundations | \$17,947,107.00 | 469 | 144 |
| Other | \$75,885,690.00 | 1,571 | 1,014 |
| TOTAL | \$545,314,107.00 | 5,222 | 3,730 |
| Total Less Other USM | \$538,013,239.00 | | |

UMES

| Source | Award Amount | Awards | Proposals |
|-------------------------|------------------------|-----------|------------|
| Federal | \$14,094,991.91 | 47 | 86 |
| State | \$1,215,219.00 | 20 | 23 |
| Corporate | \$445,000.00 | 3 | 1 |
| Foundations | \$303,971.00 | 10 | 16 |
| Other | \$39,299.00 | 2 | 5 |
| TOTAL | \$16,098,480.91 | 82 | 131 |
| Total Less Other USM | \$15,601,753.91 | | |

UMUC

| Source | Award Amount | Awards | Proposals |
|-------------------------|------------------------|-----------|-----------|
| Federal | \$54,394,691.00 | 5 | 5 |
| State | \$35,606.00 | 2 | 2 |
| Corporate | \$52,500.00 | 4 | 4 |
| Foundations | \$220,000.00 | 5 | 5 |
| Other | \$80,000.00 | 2 | 1 |
| TOTAL | \$54,782,797.00 | 18 | 17 |
| Total Less Other USM | \$54,782,797.00 | | |

Table 2
Extramural Funding Summary
Fiscal Years 2014-2018

| Institution | FY2014 | FY2015 | FY2016 | FY 2017 | FY 2018 | % Change FY17- FY18 |
|---|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--|
| BSU | \$7,532,575.52 | \$8,823,812.70 | \$8,033,222.39 | \$8,750,022.86 | \$10,054,156.20 | +14.9% |
| CSU | \$7,669,564.52 | \$7,666,276.66 | \$6,105,918.50 | \$7,935,863.80 | \$7,254,220.22 | -8.6% |
| FSU | \$3,578,720.00 | \$7,408,335.00 | \$3,783,294.00 | \$8,166,104.00 | \$2,436,317.00 | -70.2% |
| SU | \$5,019,735.00 | \$5,598,086.00 | \$5,108,180.00 | \$6,418,587.00 | \$5,514,543.00 | -14.1% |
| TU | \$14,447,113.00 | \$18,010,901.00 | \$16,970,018.00 | \$10,849,942.00 | \$13,196,168.00 | +21.6% |
| UB | \$6,095,525.00 | \$7,615,763.00 | \$7,901,178.00 | \$10,869,373.00 | \$13,963,210.00 | +28.4% |
| UMB | \$500,912,032.00 | \$499,638,679.00 | \$497,537,747.00 | \$556,071,212.60 | \$667,402,728.00 | +20.0% |
| UMBC | \$74,026,763.00 | \$76,159,624.00 | \$85,305,358.00 | \$99,184,619.00 | \$86,214,206.00 | -13.0% |
| UMCES | \$23,783,962.18 | \$25,425,607.42 | \$25,723,496.06 | \$25,301,524.91 | \$27,140,666.81 | +7.3% |
| UMCP | \$479,069,009.00 | \$550,384,755.00 | \$560,216,354.00 | \$514,747,496.55 | \$545,314,107.00 | +5.9% |
| UMES | \$17,629,598.00 | \$21,445,048.00 | \$18,150,421.00 | \$19,969,078.79 | \$16,098,480.91 | -19.4% |
| UMUC | \$53,091,189.00 | \$51,321,961.00 | \$52,172,670.00 | \$42,081,131.00 | \$54,782,797.00 | +30.2% |
| Institutional Total | \$1,192,855,786.22 | \$1,279,498,848.78 | \$1,287,007,856.95 | \$1,310,344,955.51 | \$1,449,371,600.14 | +10.6% |
| USM Total (LESS OTHER USM) | \$1,177,693,708.76 | \$1,264,331,163.78 | \$1,265,909,656.95 | \$1,292,254,826.32 | \$1,427,395,642.14 | +10.4% |