



## BOARD OF REGENTS

### SUMMARY OF ITEM FOR ACTION, INFORMATION OR DISCUSSION

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**TOPIC:** Report on Extramural Funding, FY 2011

**COMMITTEE:** Education Policy

**DATE OF COMMITTEE MEETING:** January 25, 2012

**SUMMARY:** This report provides information on extramural awards received by USM institutions in support of specific initiatives in research, education, or service in FY 2011; in addition to detailed information by institution and funding source for FY 2010 and FY 2011, 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 based on national standards nor with expenditure data in System budget documents.

In FY 2011, the System received \$1,311,196,159 in extramural funding, a 4.3% decrease from the FY 2010 total of \$1,370,245,201. UMB once again garnered the largest extramural funding total among System institutions and realized an almost 4% increase over last year's total. TU, UB, UMES and UMUC also had higher extramural funding totals in FY 2011 than in FY 2010. Double-digit declines in funding at three research-intensive institutions (UMBC, UMCP and UMCES) contributed to the overall decline in System funding.

FY 2010 was the first year in which UMBI was not a constituent institution of the USM. Extramural funding totals for UMBI in prior years is included in the summary table in the report.

**ALTERNATIVE(S):** This is an information item only.

**FISCAL IMPACT:** This is an information item only.

**CHANCELLOR'S RECOMMENDATION:** This is an information item only.

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COMMITTEE RECOMMENDATION:

DATE:

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BOARD ACTION:

DATE:

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SUBMITTED BY: Irwin L. Goldstein

(301) 445-1992

irv@usmd.edu

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## **UNIVERSITY SYSTEM OF MARYLAND Extramural Support for USM Institutions FY 2011**

USM institutions seek and receive funding for their 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 2011, the System received \$1,311,196,159 in extramural funding, a 4.3% decrease from the FY 2010 total of \$1,370,245,201. In spite of the decline, it should be noted that once again, the proportion of the total budget accounted for by extramural funding exceeded that accounted for by either state general funds or tuition and fee revenue.

Awards are counted in the year they are received. By contrast, reports issued by government agencies, such as the National Science Foundation (NSF) 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 several years. No new NSF data are available for comparison with other states.

Table 1 shows how much income each institution generated in the past two years from grants and contracts from the federal government, from Maryland state agencies, from non-profit foundations, from corporations, and from 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 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 2011 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 for research-intensive institutions, state government, corporations and foundations, and other sources provided support on the same order of magnitude as federal funds for the regional comprehensive universities.

Most of the System increases in extramural funding through FY 2010 were due to significant jumps in federal funding. In FY 2011, the federal funding bubble burst, with federal support to USM institutions declining by roughly 11%. Increases in state, corporate and foundation funding helped soften the impact of the federal funding decline.

**Table 1  
Extramural Funding for the USM  
Fiscal years 10 and 11**

Award Amount	Awards	Proposals	USM
FY10			
\$958,768,928	3,351	3,967	Federal
\$156,525,906	952	970	State
\$56,284,595	1,491	722	Corporate
\$110,464,372	835	858	Foundations
\$101,382,210	1,770	1,152	Other
<b>\$1,383,426,011</b>	<b>8,399</b>	<b>7,669</b>	<b>TOTAL</b>
<b>\$1,370,245,201</b>			Total less USM

Award Amount	Awards	Proposals	USM
FY11			
\$855,020,632	3,384	3,535	Federal
\$168,153,266	1,284	855	State
\$60,928,156	1,636	773	Corporate
\$137,892,463	943	661	Foundations
\$101,224,415	1,954	1,239	Other
<b>\$1,323,218,932</b>	<b>9,201</b>	<b>7,063</b>	<b>TOTAL</b>
<b>\$1,311,196,159</b>			Total less USM

BSU			
\$18,339,372	43	79	Federal
\$1,776,846	11	18	State
\$310,000	4	4	Corporate
\$5,000	1	4	Foundations
			Other
<b>\$20,431,218</b>	<b>59</b>	<b>105</b>	<b>TOTAL</b>
<b>\$20,287,729</b>			Total less USM

BSU			
\$17,747,520	42	70	Federal
\$25,000	1	3	State
\$299,053	3	3	Corporate
\$258,270	5	5	Foundations
\$144,700	4	6	Other
<b>\$18,474,543</b>	<b>55</b>	<b>87</b>	<b>TOTAL</b>
<b>\$18,414,543</b>			Total less USM

CSU			
\$7,148,736	12	17	Federal
\$1,444,535	10	15	State
\$145,224	5	9	Corporate
\$468,483	22	26	Foundation
\$337,650	4	5	Other
<b>\$9,544,628</b>	<b>53</b>	<b>72</b>	<b>TOTAL</b>
<b>\$9,486,977</b>			Total less USM

CSU			
\$6,877,089	11	15	Federal
\$1,039,524	5	10	State
\$242,562	8	10	Corporate
\$402,467	15	20	Foundation
\$335,400	2	6	Other
<b>\$8,897,042</b>	<b>41</b>	<b>61</b>	<b>TOTAL</b>
<b>\$8,561,642</b>			Total less USM

FSU			
\$2,690,343	18	13	Federal
\$646,108	18	18	State
\$5,000	1	1	Corporate
\$260,048	12	11	Foundations
\$895,802	12	21	Other
<b>\$4,497,301</b>	<b>61</b>	<b>64</b>	<b>TOTAL</b>
<b>\$4,144,578</b>			Total less USM

FSU			
\$1,366,235	11	6	Federal
\$1,132,602	17	15	State
\$5,000	1	1	Corporate
\$321,669	14	10	Foundations
\$495,019	11	18	Other
<b>\$3,320,525</b>	<b>54</b>	<b>50</b>	<b>TOTAL</b>
<b>\$2,834,786</b>			Total less USM

SU			
\$1,007,732	4	18	Federal
\$2,840,604	45	42	State
\$120,506	6	8	Corporate
\$55,374	2	1	Foundations
\$1,445,736	15	22	Other
<b>\$5,469,952</b>	<b>72</b>	<b>91</b>	<b>TOTAL</b>
<b>\$4,700,613</b>			Total less USM

SU			
\$822,925	5	21	Federal
\$2,141,734	51	58	State
\$150,729	11	14	Corporate
\$19,950	5	18	Foundations
\$871,213	24	36	Other
<b>\$4,006,551</b>	<b>96</b>	<b>147</b>	<b>TOTAL</b>
<b>\$3,414,321</b>			Total less USM

Award Amount	Awards	Proposals	
FY10			TU
\$4,643,112	27	67	Federal
\$17,975,201	69	80	State
\$836,761	11	12	Corporate
\$2,796,647	30	40	Foundations
\$3,706,542	31	53	Other
<b>\$29,958,263</b>	<b>168</b>	<b>252</b>	<b>TOTAL</b>
<b>\$29,493,680</b>			Total less USM

Award Amount	Awards	Proposals	
FY11			TU
\$5,844,256	28	68	Federal
\$19,251,006	68	79	State
\$1,404,328	34	34	Corporate
\$2,436,027	19	24	Foundations
\$1,382,023	25	33	Other
<b>\$30,317,640</b>	<b>174</b>	<b>238</b>	<b>TOTAL</b>
<b>\$30,252,411</b>			Total less USM

			UB
\$570,533	5	21	Federal
\$2,949,230	37	66	State
\$132,426	10	12	Corporate
\$963,174	26	50	Foundations
\$76,746	6	17	Other
<b>\$4,692,109</b>	<b>84</b>	<b>166</b>	<b>TOTAL</b>
<b>\$4,594,526</b>			Total less USM

			UB
\$442,990	3	8	Federal
\$4,968,729	43	38	State
\$226,738	11	9	Corporate
\$941,832	21	23	Foundations
\$57,119	4	8	Other
<b>\$6,637,408</b>	<b>82</b>	<b>86</b>	<b>TOTAL</b>
<b>\$5,571,603</b>			Total less USM

			UMB
\$353,671,295	1211	1315	Federal
\$63,282,704	312	347	State
\$26,611,907	372	312	Corporate
\$87,791,345	409	551	Foundations
\$35,741,861	260	364	Other
<b>\$567,099,112</b>	<b>2564</b>	<b>2889</b>	<b>TOTAL</b>
<b>\$565,961,418</b>			Total less USM

			UMB
\$340,326,061	870	1136	Federal
\$68,773,020	316	296	State
\$30,208,172	378	329	Corporate
\$113,535,882	348	389	Foundations
\$35,708,858	268	350	Other
<b>\$588,551,993</b>	<b>2180</b>	<b>2500</b>	<b>TOTAL</b>
<b>\$587,353,266</b>			Total less USM

			UMBC
\$73,537,504	481	485	Federal
\$13,721,697	88	66	State
\$2,211,079	50	27	Corporate
\$2,451,890	52	55	Foundations
\$2,713,915	40	44	Other
<b>\$94,636,085</b>	<b>711</b>	<b>677</b>	<b>TOTAL</b>
<b>\$89,011,751</b>			Total less USM

			UMBC
\$50,983,038	395	372	Federal
\$21,401,595	101	61	State
\$1,607,336	55	35	Corporate
\$4,061,652	57	42	Foundations
\$5,386,755	91	132	Other
<b>\$83,440,376</b>	<b>699</b>	<b>642</b>	<b>TOTAL</b>
<b>\$79,969,483</b>			Total less USM

			UMCES
\$21,657,776	166	161	Federal
\$4,248,496	102	41	State
\$287,908	132	7	Corporate
\$452,563	7	12	Foundation
\$955,053	112	46	Other
<b>\$27,601,796</b>	<b>519</b>	<b>267</b>	<b>TOTAL</b>
<b>\$27,173,330</b>			Total less USM

			UMCES
\$17,425,937	119	155	Federal
\$4,280,144	159	32	State
\$167,825	141	1	Corporate
\$433,032	9	9	Foundation
\$2,027,645	122	49	Other
<b>\$24,334,583</b>	<b>550</b>	<b>246</b>	<b>TOTAL</b>
<b>\$23,095,626</b>			Total less USM

Award Amount	Awards	Proposals	UMCP
FY10			
\$402,967,908	1331	1682	Federal
\$46,842,093	243	245	State
\$25,247,099	894	308	Corporate
\$14,934,043	265	90	Foundations
\$54,870,109	1280	567	Other
<b>\$544,861,252</b>	<b>4013</b>	<b>2892</b>	<b>TOTAL</b>
<b>\$540,906,304</b>			Total less USM

Award Amount	Awards	Proposals	UMCP
FY11			
\$333,185,824	1848	1578	Federal
\$44,246,567	499	230	State
\$26,100,856	986	313	Corporate
\$13,909,606	441	105	Foundations
\$54,122,432	1393	585	Other
<b>\$471,565,285</b>	<b>5167</b>	<b>2811</b>	<b>TOTAL</b>
<b>\$468,377,525</b>			Total less USM

UMES			
\$17,477,669	48	102	Federal
\$794,700	16	30	State
\$326,685	4	9	Corporate
\$220,805	6	11	Foundations
\$563,796	9	13	Other
<b>\$19,383,655</b>	<b>83</b>	<b>165</b>	<b>TOTAL</b>
<b>\$19,233,655</b>			Total less USM

UMES			
\$21,881,926	48	102	Federal
\$888,192	23	30	State
\$174,957	1	1	Corporate
\$73,141	3	8	Foundations
\$618,251	9	16	Other
<b>\$23,636,467</b>	<b>84</b>	<b>157</b>	<b>TOTAL</b>
<b>\$23,314,434</b>			Total less USM

UMUC			
\$55,056,948	5	7	Federal
\$3,692	1	2	State
\$50,000	2	13	Corporate
\$65,000	3	7	Foundations
\$75,000	1	0	Other
<b>\$55,250,640</b>	<b>12</b>	<b>29</b>	<b>TOTAL</b>
<b>\$55,250,640</b>			Total less USM

UMUC			
\$58,116,831	4	4	Federal
\$5,153	1	3	State
\$340,600	7	23	Corporate
\$1,498,935	6	8	Foundations
\$75,000	1	0	Other
<b>\$60,036,519</b>	<b>19</b>	<b>38</b>	<b>TOTAL</b>
<b>\$60,036,519</b>			Total less USM

The bottom line for each institution is the total received diminished by the amount of collaborative grants or contracts that it passes through to another USM institution. The USM total is non-duplicative.

Table 2 summarizes institutional total income in FY 2011 and compares it with the previous four years.

UMB once again garnered the largest extramural funding total among System institutions and realized an almost 4% increase over last year's total. TU, UB, UMES and UMUC also had higher extramural funding totals in FY 2011 than in FY 2010. Double-digit declines in funding at three research-intensive institutions (UMBC, UMCP and UMCES) contributed to the overall decline in System funding.

**Table 2**  
**Extramural Funding Summary**  
**Fiscal Years 2007 - 2011**

<b>Institution</b>	<b>FY2007</b>	<b>FY2008</b>	<b>FY2009</b>	<b>FY2010</b>	<b>FY2011</b>	<b>% change FY10- FY11</b>
<b>BSU</b>	\$9,571,537	\$7,151,777	\$14,423,545	\$20,431,218	\$18,474,543	-9.6%
<b>CSU</b>	\$8,349,825	\$10,593,398	\$9,367,912	\$9,544,628	\$8,897,042	-6.8%
<b>FSU</b>	\$2,082,782	\$2,724,163	\$4,176,512	\$4,497,301	\$3,320,525	-26.2%
<b>SU</b>	\$3,886,661	\$4,702,476	\$5,608,378	\$5,469,952	\$4,006,551	-26.8%
<b>TU</b>	\$19,045,341	\$23,491,037	\$26,097,960	\$29,958,263	\$30,317,640	1.2%
<b>UB</b>	\$8,054,190	\$7,350,064	\$5,522,631	\$4,692,109	\$6,637,408	41.5%
<b>UMB</b>	\$410,917,310	\$449,976,706	\$517,057,446	\$567,099,112	\$588,551,993	3.8%
<b>UMBC</b>	\$87,605,526	\$87,460,966	\$88,790,877	\$94,636,085	\$83,440,376	-11.8%
<b>UMBI</b>	\$48,341,002	\$26,284,026	\$20,257,107	\$0	\$0	NA
<b>UMCES</b>	\$14,299,325	\$21,887,437	\$19,527,314	\$27,601,795	\$24,334,583	-11.8%
<b>UMCP</b>	\$407,325,936	\$400,922,612	\$518,277,933	\$544,861,253	\$471,565,285	-13.5%
<b>UMES</b>	\$18,258,370	\$19,639,242	\$19,676,273	\$19,383,655	\$23,636,467	21.9%
<b>UMUC</b>	\$57,684,810	\$52,840,923	\$55,402,970	\$55,250,640	\$60,036,519	8.7%
<b>Inst. Total</b>	<b>\$1,095,422,615</b>	<b>\$1,115,024,827</b>	<b>\$1,304,186,858</b>	<b>\$1,383,426,011</b>	<b>\$1,323,218,932</b>	-4.4%
<b>USM Total</b>	<b>\$1,082,037,651</b>	<b>\$1,104,851,795</b>	<b>\$1,292,781,413</b>	<b>\$1,370,245,201</b>	<b>\$1,311,196,159</b>	-4.3%

Institutional figures reflect all awards made to each institution, even if as a subcontractor to or joint awardee with another USM institution. Thus, the institutional total double-counts some awards. The USM Total is unduplicated; that is, support for projects in which more than one institution is an award recipient is counted only once.