

# Sponsored Program Summary FY22 and 1<sup>st</sup> Quarter FY23 Activities

David Reed  
Vice President for Research  
December, 2022



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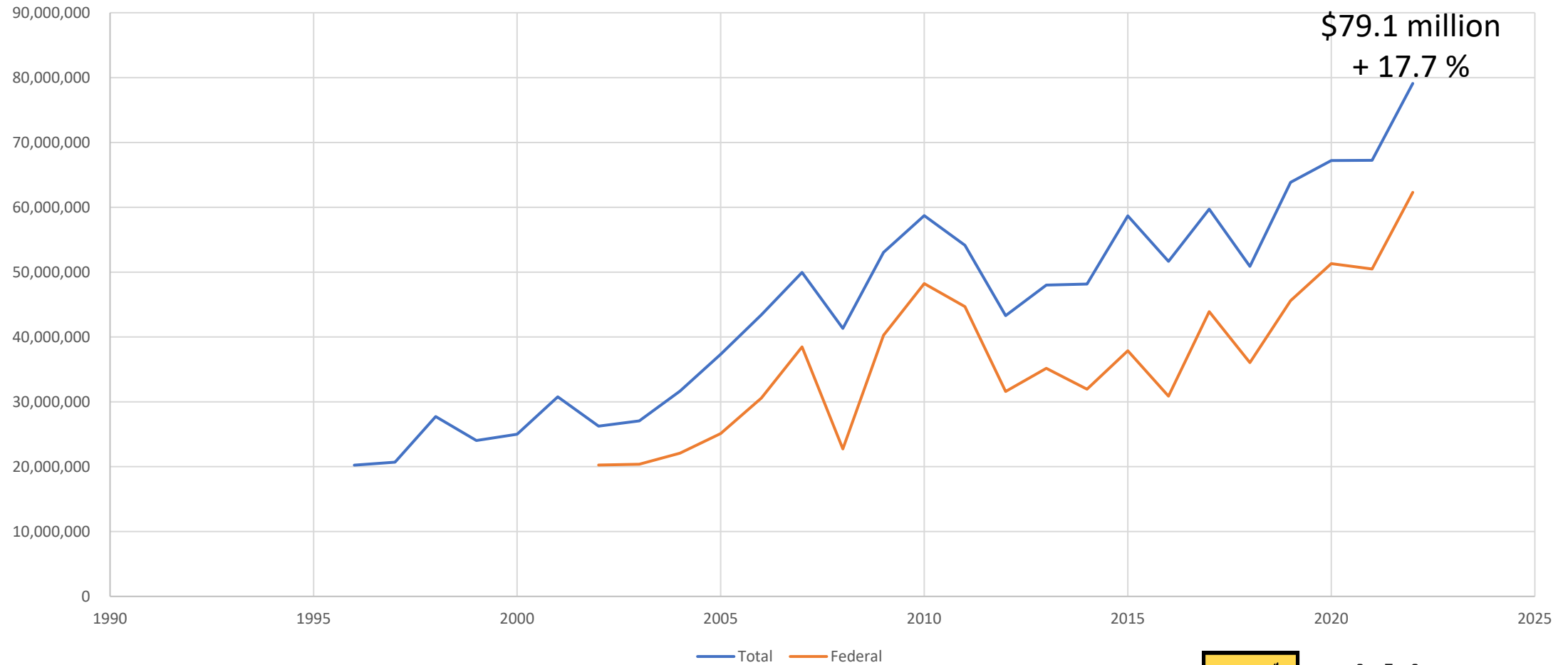
# Outline

- FY22 Results
  - Sponsored Awards
  - Research Expenditures
  - Intellectual Property/Commercialization
  - Corporate Sponsorship
- 1<sup>st</sup> Quarter FY23
  - Sponsored Awards
  - Research Expenditures



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# Sponsored Awards, FY22



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# Sponsored Awards, FY22

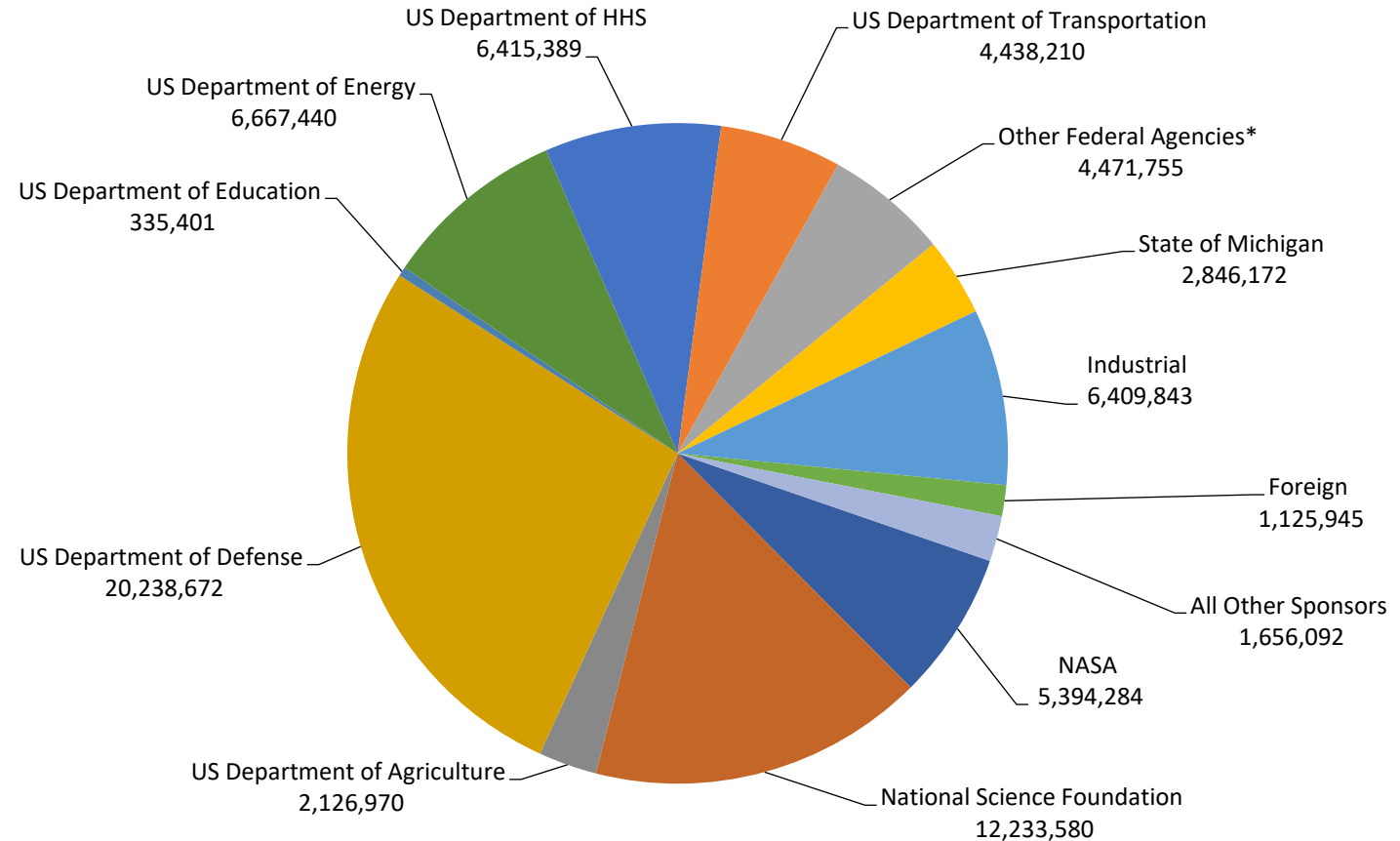
Sponsored Awards  
Fiscal Year 2022  
4th Quarter  
Ended June 30, 2022

**TOTAL: \$79,117,166**

## Pre-Proposals Submitted

*(excluded from Proposals  
Submitted figures below)*

**FYTD 2021: 39  
FYTD 2022: 37**



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# Sponsored Awards FY22

Sponsor	Proposals Submitted		Awards Received		Awards Received (\$)		Variance \$	Variance %
	FY '22 as of 6/30	FY '21 as of 6/30	FY '22 as of 6/30	FY '21 as of 6/30	FY '22 as of 6/30	FY '21 as of 6/30		
NASA	79	66	42	57	5,394,284	3,758,802	1,635,482	43.5%
National Science Foundation	135	149	54	51	12,233,580	9,276,246	2,957,334	31.9%
US Department of Agriculture	43	50	42	60	2,126,970	2,536,208	-409,238	-16.1%
US Department of Defense	117	109	104	107	20,238,672	18,203,270	2,035,402	11.2%
US Department of Education	6	2	4	1	335,401	7,670	327,731	4272.9%
US Department of Energy	42	55	34	40	6,667,440	9,557,024	-2,889,584	-30.2%
US Department of HHS	60	70	9	12	6,415,389	2,343,332	4,072,057	173.8%
US Department of Transportation	17	11	19	8	4,438,210	977,688	3,460,522	353.9%
Other Federal Agencies*	68	68	47	42	4,471,755	3,822,011	649,744	17.0%
Federal Agency Total	567	580	355	378	62,321,701	50,482,251	11,839,450	23.5%
State of Michigan	43	51	30	38	2,846,172	5,058,255	-2,212,083	-43.7%
Industrial	149	172	145	154	6,409,843	5,496,106	913,737	16.6%
Foreign	16	23	11	18	1,125,945	2,217,088	-1,091,143	-49.2%
All Other Sponsors	78	90	45	45	1,656,092	1,255,330	400,762	31.9%
Subtotal	853	916	586	633	74,359,753	64,509,030	9,850,723	15.3%
Gifts**	N/A	N/A	245	211	4,531,416	2,722,474	1,808,942	66.4%
Crowdfunding	N/A	N/A	10	10	225,997	12,804	213,193	1665.0%
Grand Total	853	916	841	854	79,117,166	67,244,308	\$11,872,858	17.7%

Federal award dollars do NOT include \$19,356,604 CRRSAA HEERF II [Covid Relief] from US Department of Education; received in last two quarters of FY21.

\* US Dept of Commerce, US Environmental Protection Agency, US Dept of the Interior, National Endowments for the Arts & Humanities, US Dept of Homeland Security, US Dept of Justice, US Dept of Housing & Urban Development, US Dept of Labor, US Dept of State

\*\*Gifts represent non-contractual funding from corporations, foundations, associations and societies in support of academic programs, scholarships/fellowships, student design & enterprise, research, youth programs and special programs.



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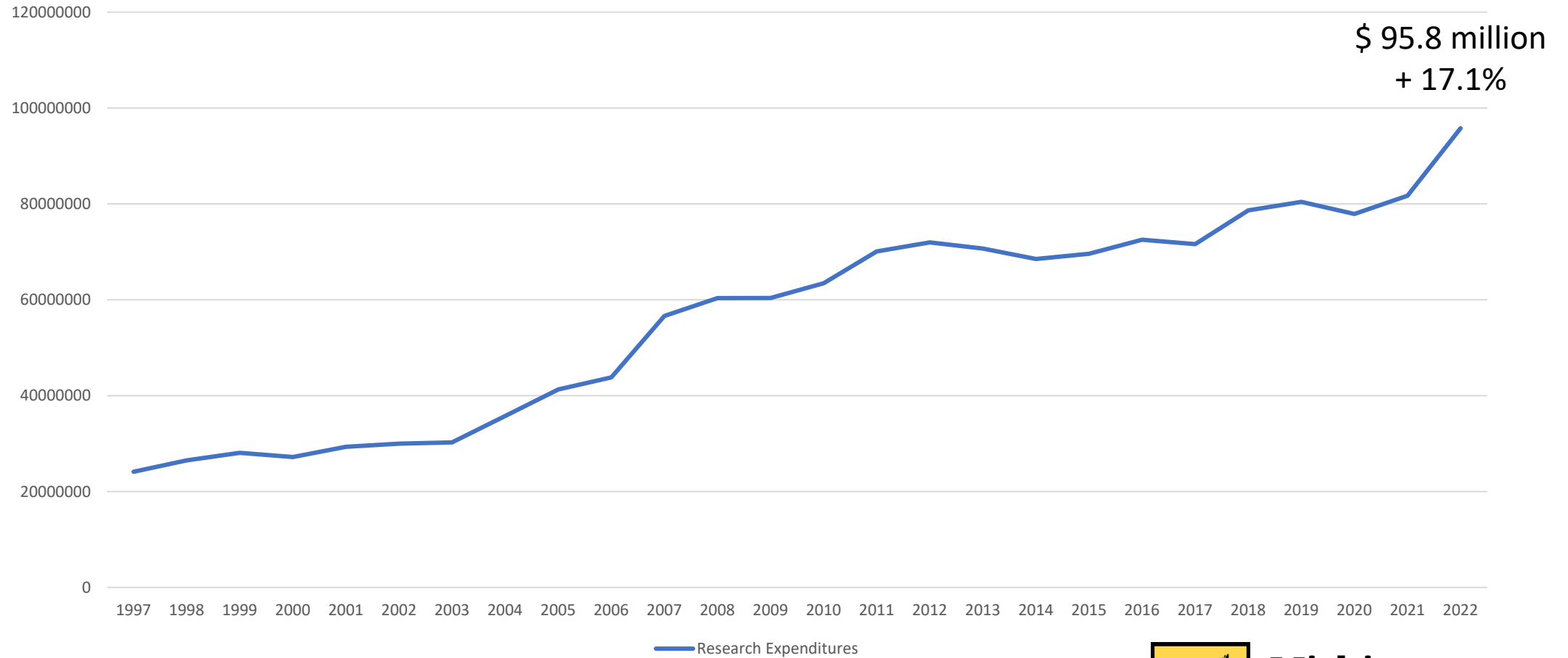
# Research Expenditures FY22

College/School/Division	Preliminary FY2022	Preliminary FY2021	Variance	%
Administration*	3,097,604	820,733	2,276,871	277.4%
Advanced Power Systems Research Center (APSRC)/ME-EM	1,020,792	N/A	1,020,792	N/A
College of Business	1,823,367	1,522,209	301,158	19.8%
College of Computing	4,940,119	4,021,921	918,198	22.8%
College of Engineering	33,957,094	31,614,848	2,342,246	7.4%
College of Forest Resources & Environmental Science	6,964,038	6,084,790	879,248	14.4%
College of Science & Arts	16,503,279	14,267,247	2,236,032	15.7%
Great Lakes Research Center (GLRC)**	1,419,899	1,480,740	(60,841)	-4.1%
Pavlis Honors College	585,952	597,330	(11,378)	-1.9%
Keweenaw Research Center (KRC)	11,276,788	10,090,175	1,186,613	11.8%
Michigan Tech Research Institute (MTRI)	13,322,889	11,215,400	2,107,489	18.8%
Total	94,911,821	81,715,393	13,196,428	16.1%
	Final = \$95.78	million		
*Includes the Vice Presidents, Provost, and others who report to a VP, Provost or the President. Except for the research institutes that report to the VPR.	External	+ 17.1 %		
**Includes GLRC department (non-academic researchers) expenditures only. All other GLRC center expenditures are shown in the researchers' respective colleges.	Internal	+ 17.3 %		



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# Research Expenditures, FY22



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# Intellectual Property, FY22

	FY21	FY22	Change
Disclosures Received	23	31	34.8 %
Nondisclosure Agreements	84	88	4.8 %
Patents Filed or Issued	26	22	- 15.4 %
License Agreements	13	6	- 53.8 %
Gross Royalties	\$ 121,965	\$ 76,548	- 37.2 %

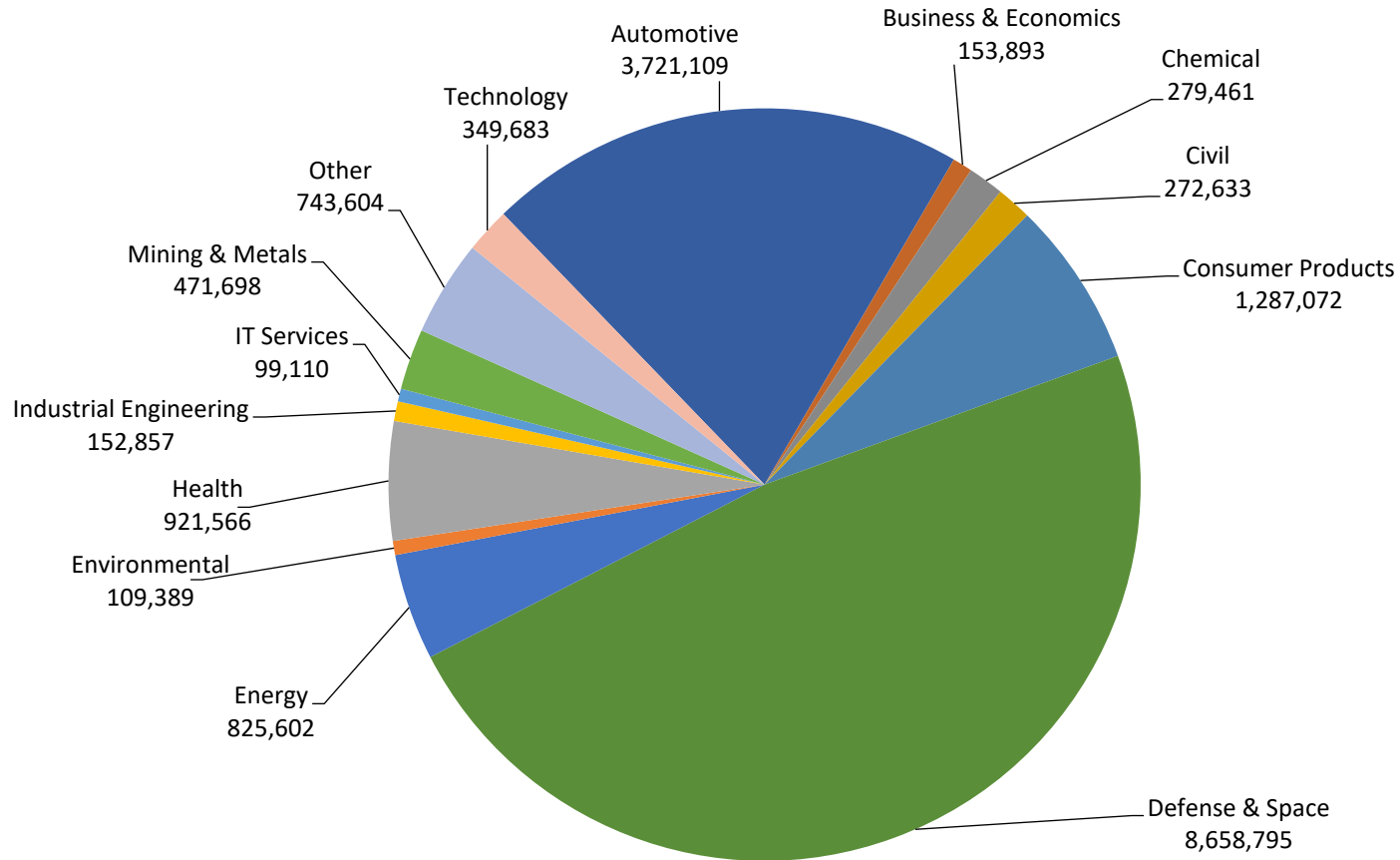




# Corporate Sponsorship, FY22

Sponsored Awards  
-Industry-  
COMBINED  
Fiscal Year 2022  
4th Quarter  
Ended June 30, 2022

**TOTAL: \$18,046,472**



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# Sponsored Awards 1<sup>st</sup> Qtr FY23

Sponsor	Proposals Submitted		Awards Received		Awards Received (\$)		Variance \$	Variance %
	FY '23 as of 9/30	FY '22 as of 9/30	FY '23 as of 9/30	FY '22 as of 9/30	FY '23 as of 9/30	FY '22 as of 9/30		
NASA	7	16	9	10	1,769,094	2,700,962	-931,868	-34.5%
National Science Foundation	38	41	23	23	6,631,768	8,033,360	-1,401,592	-17.4%
US Department of Agriculture	11	31	12	16	1,697,824	1,053,037	644,787	61.2%
US Department of Defense	20	17	22	29	7,309,278	7,175,561	133,717	1.9%
US Department of Education	2	1	2	1	281,024	102,145	178,879	175.1%
US Department of Energy	13	9	13	10	841,097	2,231,969	-1,390,872	-62.3%
US Department of HHS	6	6	4	2	1,080,434	386,583	693,851	179.5%
US Department of Transportation	12	1	3	7	498,843	885,066	-386,223	-43.6%
Other Federal Agencies*	13	17	5	17	1,104,617	1,302,529	-197,912	-15.2%
Federal Agency Total	122	139	93	115	21,213,979	23,871,212	-2,657,233	-11.1%
State of Michigan	9	17	6	7	169,075	890,640	-721,565	-81.0%
Industrial	42	38	24	38	570,587	1,138,907	-568,320	-49.9%
Foreign	2	2	4	2	306,000	25,291	280,709	1109.9%
All Other Sponsors	19	22	7	11	256,988	208,008	48,980	23.5%
Subtotal	194	218	134	173	22,516,629	26,134,058	-3,617,429	-13.8%
Gifts**	N/A	N/A	54	51	1,081,690	635,045	446,645	70.3%
Crowdfunding	N/A	N/A	4	-	1,281	-	1,281	N/A
Grand Total	194	218	192	224	23,599,600	26,769,103	-\$3,169,503	-11.8%

\* National Endowment for the Arts and Humanities, US Dept of Commerce, US Dept of the Interior, US Dept of Labor, US Environmental Protection Agency, US Small Business Administration

\*\*Gifts represent non-contractual funding from corporations, foundations, associations and societies in support of academic programs, scholarships/fellowships, student design & enterprise, research, youth programs and special programs.



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# Research Expenditures 1<sup>st</sup> Qtr FY23

College/School/Division	FY2023	FY2022	Variance	%
Administration*	2,997,877	2,327,481	670,396	28.8%
Advanced Power Systems Research Center (APSRC)	281,331	216,678	64,653	29.8%
College of Business	330,646	283,587	47,059	16.6%
College of Computing	914,928	902,188	12,740	1.4%
College of Engineering	7,122,208	6,747,269	374,939	5.6%
College of Forest Resources & Environmental Science	1,748,679	1,394,688	353,991	25.4%
College of Science & Arts	3,403,327	2,976,747	426,580	14.3%
Great Lakes Research Center (GLRC)**	400,530	343,546	56,984	16.6%
Pavlis Honors College	N/A	84,904	(84,904)	N/A
Keweenaw Research Center (KRC)	1,619,323	1,870,631	(251,308)	-13.4%
Michigan Tech Research Institute (MTRI)	2,767,981	2,895,737	(127,756)	-4.4%
<b>Total</b>	<b>21,586,830</b>	<b>20,043,456</b>	<b>1,543,374</b>	<b>7.7%</b>

External + 6.1 %

Internal + 9.9 %



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