

BOV/HERD update – Shenika

Electronic Research Administration
Office of the Vice President for Research



FY19 Q2 BOV Report

Comparison with FY19 Q1

UNIVERSITY OF VIRGINIA
SPONSORED PROGRAM GRANTS AND CONTRACTS
Fiscal Year 2019, Quarter 2
(in millions)

	Health & Human Services	National Science Foundation	Dept. Of Education	Dept. of Defense	Dept. of Energy	Other Federal ⁽²⁾	Subtotal Federal	Foundations	Industry	Foreign	State, Local Gov'ts	Total FYR 2019	% of Total FYR 2019
School of Medicine	61.83	0.86	0.00	1.01	0.00	0.21	63.91	8.74	8.04	2.09	1.09	83.87	47%
College of Arts & Sciences	5.48	9.47	0.02	0.88	2.91	3.75	22.51	1.62	1.07	0.00	0.11	25.31	14%
Engineering and Applied Science	3.45	12.02	0.25	16.15	4.71	2.44	39.02	1.34	1.72	0.21	0.43	42.72	24%
Curry School of Education	0.21	2.26	4.07	0.00	0.00	0.12	6.65	4.37	0.09	0.00	2.17	13.28	8%
Other ⁽¹⁾	1.28	1.94	0.59	0.22	0.03	2.37	6.44	3.42	0.09	0.00	1.46	11.41	6%
Fiscal Year 2019 Quarter 2	72.25	26.56	4.93	18.26	7.65	8.89	138.54	19.50	11.01	2.30	5.25	176.60	100%
Number of Awards	319	99	21	62	35	77	613	180	396	43	28	1260	
Fiscal Year 2019 Quarter 1	47.00	18.75	3.86	7.41	5.47	4.20	86.68	9.75	4.93	0.62	4.39		
	218	66	10	28	23	41	386	95	272	27	18		
% Increase/Decrease	54%	42%	28%	146%	40%	112%	60%	100%	123%	269%	20%		
Number of Awards	46%	50%	110%	121%	52%	88%	59%	89%	46%	59%	56%		

¹ Includes: School of Architecture, Frank Batten School of Leadership and Public Policy, Biocomplexity Institute & Initiative, Diversity Office, University of Virginia Library, School of Law, McIntire School of Commerce, School of Nursing, Office of the President, Office of the Vice President and Provost, Office of the Vice President and Provost, Office of the Vice President and Provost, Office of the VP for Research, Office of the VP for Student Affairs, University of Virginia's College at Wise.

² The top 2 sponsors within Other Federal for FY19, Q2 include, in order: U.S. Department of Transportation (2.04) and U.S. NASA (\$2.02) amounts in millions.

FY19 Q2 BOV Report

Comparison with FY18 Q2

UNIVERSITY OF VIRGINIA
 SPONSORED PROGRAM GRANTS AND CONTRACTS
 Fiscal Year 2019, Quarter 2
 (in millions)

	Dept. of Health & Human Services	National Science Foundation	Dept. Of Education	Dept. of Defense	Dept. of Energy	Other Federal ⁽²⁾	Subtotal Federal	Foundation	Industry	Foreign	Virginia State, Local Gov'ts	Total FYR 2019	% of Total FYR 2019	Total FYR 2018 as of Q2	% of Total FYR 2018 as of Q2	% Inc/Dec Over Prior Year
School of Medicine	61.83	0.86	0.00	1.01	0.00	0.21	63.91	8.74	8.04	2.09	1.09	83.87	47%	88.44	53%	-5%
College of Arts & Sciences	5.48	9.47	0.02	0.88	2.91	3.75	22.51	1.62	1.07	0.00	0.11	25.31	14%	22.21	13%	14%
Engineering and Applied Science	3.45	12.02	0.25	16.15	4.71	2.44	39.02	1.34	1.72	0.21	0.43	42.72	24%	37.56	22%	14%
Curry School of Education	0.21	2.26	4.07	0.00	0.00	0.12	6.65	4.37	0.09	0.00	2.17	13.28	8%	11.86	7%	12%
Other ⁽¹⁾	1.28	1.94	0.59	0.22	0.03	2.37	6.44	3.42	0.09	0.00	1.46	11.41	6%	7.35	4%	55%
Fiscal Year 2019 thru Quarter 2	72.25	26.56	4.93	18.26	7.65	8.89	138.54	19.50	11.01	2.30	5.25	176.60				
Number of Awards	319	99	21	62	35	77	613	180	396	43	28	1260				
Fiscal Year 2018 thru Quarter 2	75.81	21.94	8.57	10.10	5.75	12.04	134.21	18.39	9.55	1.38	3.89			167.42		
Number of Awards	283	80	29	59	24	74	549	155	315	41	27			1087		
% Increase/Decrease	-5%	21%	-42%	81%	33%	-26%	3%	6%	15%	66%	35%					5.5%
Number of Awards	13%	24%	-28%	5%	46%	4%	12%	16%	26%	5%	4%					15.9%

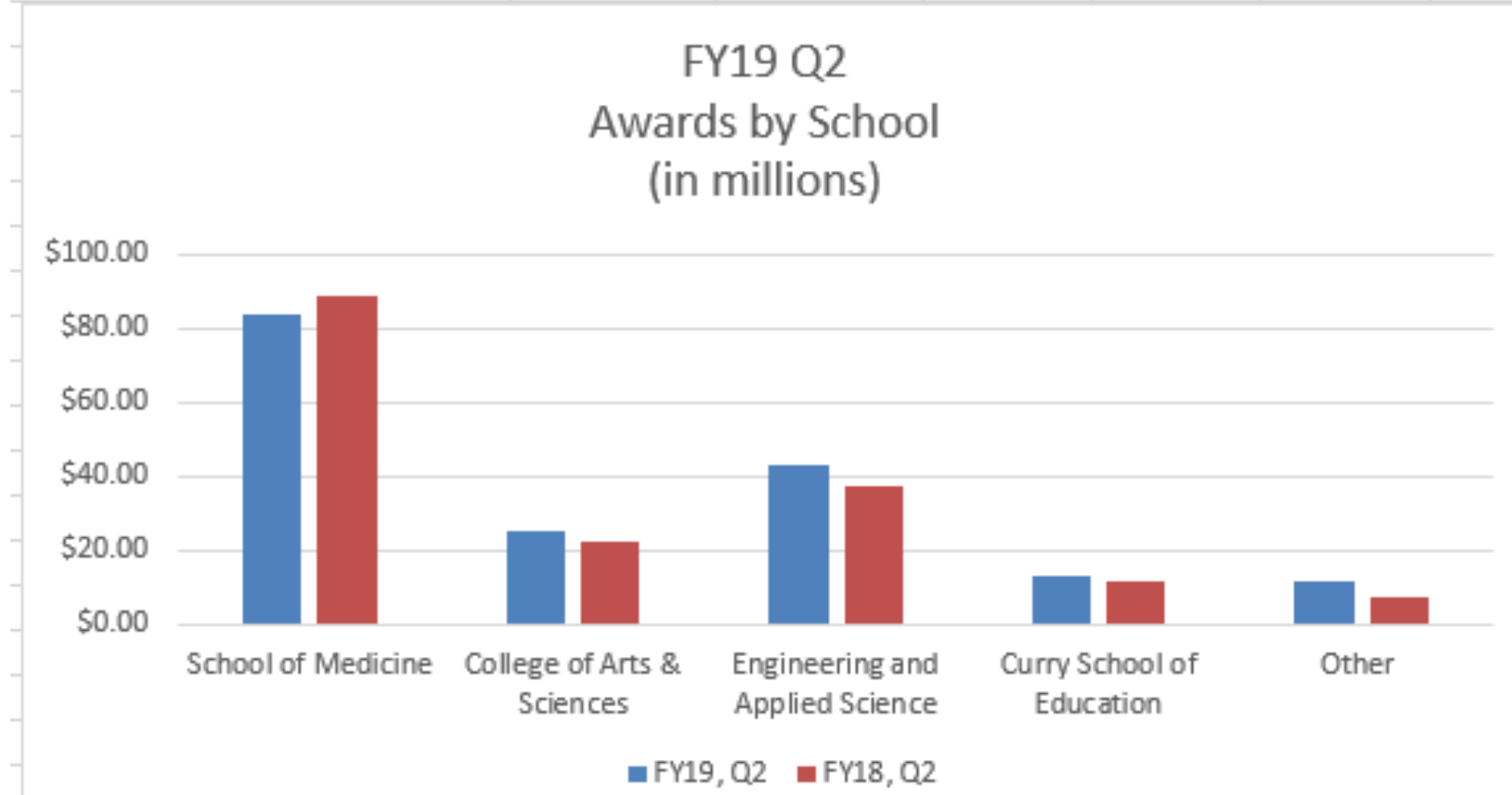
¹ Includes: School of Architecture, Frank Batten School of Leadership and Public Policy, Biocomplexity Institute & Initiative, Diversity Office, University of Virginia Library, School of Law, McIntire School of Commerce, School of Nursing, Office of the President, Office of the Vice President and Provost, Office of the Vice President and Provost, Office of the Vice President and Provost, Office of the VP for Research, Office of the VP for Student Affairs, University of Virginia's College at Wise.

² The top 2 sponsors within Other Federal for FY19, Q2 include, in order: U.S. Department of Transportation (2.04) and U.S. NASA (\$2.02) amounts in millions.

FY19 Q2 BOV Report

School Comparison with FY18 Q2

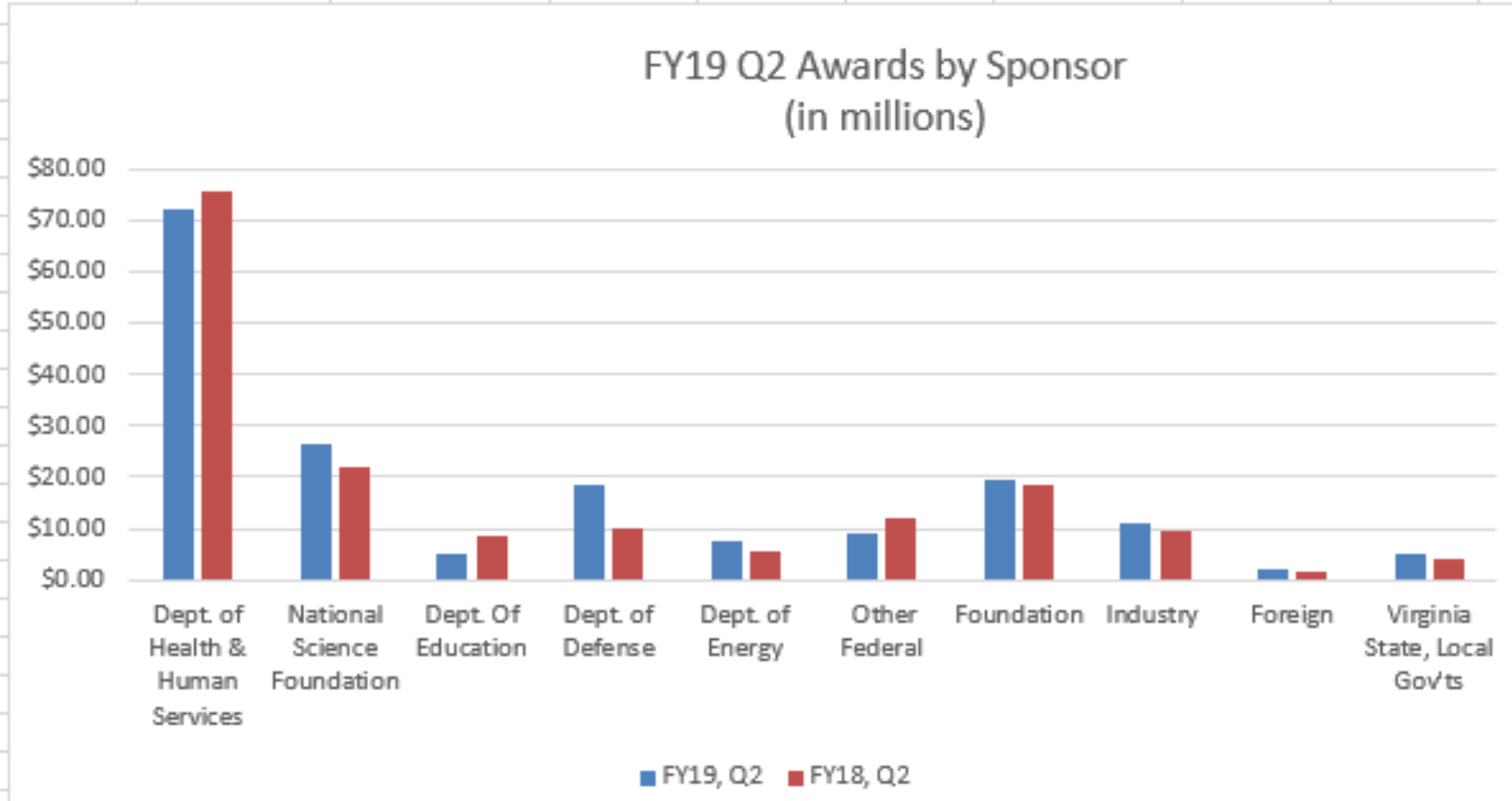
School	FY19, Q2	FY18, Q2			
School of Medicine	\$83.87	\$88.44			
College of Arts & Sciences	\$25.31	\$22.21			
Engineering and Applied Science	\$42.72	\$37.56			
Curry School of Education	\$13.28	\$11.86			
Other	\$11.41	\$7.35			
Total	\$176.60	\$167.42			



FY19 Q2 BOV Report

Sponsor Comparison with FY18 Q2

	Dept. of Health & Human Services	National Science Foundation	Dept. Of Education	Dept. of Defense	Dept. of Energy	Other Federal	Foundation	Industry	Foreign	Virginia State, Local Gov'ts	Total
FY19, Q2	\$72.25	\$26.56	\$4.93	\$18.26	\$7.65	\$8.89	\$19.50	\$11.01	\$2.30	\$5.25	\$176.60
FY18, Q2	\$75.81	\$21.94	\$8.57	\$10.10	\$5.75	\$12.04	\$18.39	\$9.55	\$1.38	\$3.89	\$167.42



HERD Survey

(Higher Education Research Development)

The Higher Education Research and Development (HERD) Survey, is the primary source of information on R&D expenditures at U.S. colleges and universities.

The survey collects information on R&D expenditures by field of research and source of funds and also gathers information on types of research and expenses and headcounts of R&D personnel.

The survey is an annual census of institutions that expended at least \$150,000 in separately budgeted R&D in the fiscal year.

Growth by the numbers FY16-FY18

Source of Funds	R&D Expenditures (Dollars in thousands)			
	Fiscal Year			% Change 2017-18
	2018	2017	2016	
U.S. federal government	250,168	228,910	210,980	9.3%
State and local government	7,828	5,378	4,366	45.6%
Business	23,521	22,001	21,470	6.9%
Nonprofit organizations	38,066	31,250	28,978	21.8%
Institutional funds				
1. Institutionally financed research	108,381	79,398	53,643	36.5%
2. Cost sharing	14,835	14,111	13,151	5.1%
3. Unrecovered indirect costs	55,583	41,536	28,309	33.8%
4. Total institutional funds	178,799	135,045	95,103	32.4%
All other sources	53,379	47,098	36,561	13.3%
Total	551,761	469,682	397,458	17.5%

Disclaimer-- This is what has been submitted to NSF, but not yet published by NSF

UVA's Rank

FY2016 Ranking https://ncesdata.nsf.gov/herd/2016/html/HERD2016_DST_05.html

Rank	Institution	All R&D expenditures
56	U. Virginia, Charlottesville	397,458

FY2017 Ranking https://ncesdata.nsf.gov/herd/2017/html/herd2017_dst_05.html

Rank	Institution	All R&D expenditures
51	U. Virginia, Charlottesville	469,682

Note: Based on our expenses this year if other institutions did not see an increase in expenses we could move up No. 43

Notable Reasons for Increase

- Overall increase in sponsored funding of 11% from FY17 to FY18
 - Sponsored research expenses increased by \$31.66M
 - Institutionally financed research increase of 32.4% due to Unrecovered F&A (provided to us by General Accounting) increased by \$13.9M and a true increase in non-sponsored research expenditures of \$35.68M in comparison with FY17.
 - Increase in expenses incurred on SIF funded awards
 - Increase in expenses incurred on SHI funded awards
- [\(https://news.med.virginia.edu/deans-office-blog/what-were-doing-with-60m/\)](https://news.med.virginia.edu/deans-office-blog/what-were-doing-with-60m/)

QUESTIONS?

