

Contract and Grant Data Fiscal Year 2019

Paul R. Sanberg, Ph.D., D.Sc.

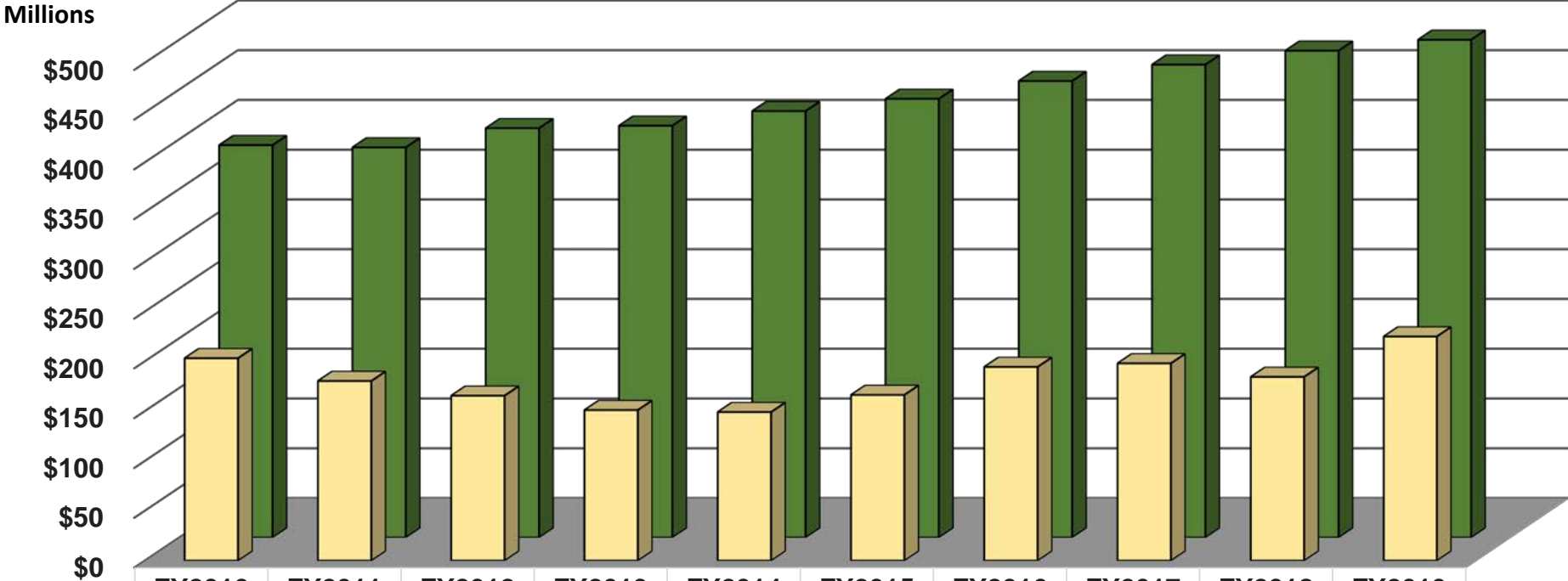
Senior Vice President for Research, Innovation & Knowledge Enterprise

President, USF Research Foundation

Distinguished University Professor

USF Research & Innovation

10 Year Research Funding History



Source: Total research funding amounts include Project and Non-Project data from USF and all affiliates.

College/Area 5-Year Comparison

Research Funding

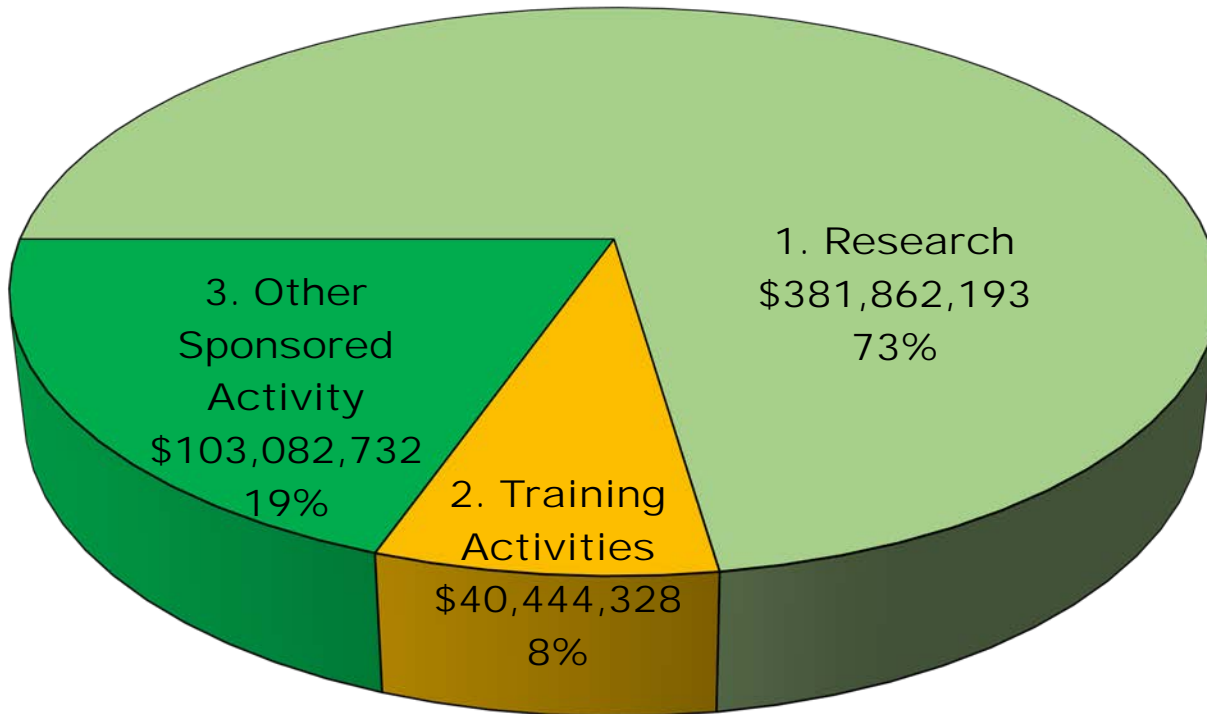
College/Institution	FY2015	FY2016	FY2017	FY2018	FY2019
College of Arts and Sciences	14,749,592	21,416,386	22,151,195	23,471,553	19,733,579
College of Behavioral and Community Sciences	30,689,037	33,367,233	24,140,587	29,438,269	30,975,976
College of Education	22,632,622	14,975,723	15,274,086	16,506,903	18,473,577
College of Engineering	73,320,765	38,189,526	45,088,515	45,637,646	43,419,291
College of Marine Science	16,051,471	17,015,671	18,396,178	12,815,156	14,970,574
College of The Arts	1,136,720	1,176,836	851,708	1,035,937	1,000,760
Muma College of Business	3,267,880	3,600,455	3,600,338	2,858,912	3,110,980
Patel College of Global Sustainability	10,000	50,115	166,000	586,363	813,713
USF Health-College of Nursing	2,624,392	4,603,491	3,119,991	4,685,303	3,340,520
USF Health-College of Pharmacy	998,881	1,590,815	1,749,626	2,489,526	2,055,723
USF Health-College of Public Health	25,075,350	23,030,377	25,785,913	23,021,031	20,288,216
USF Health-Morsani College of Medicine	215,866,942	271,692,851	288,574,820	302,802,190	340,395,970
USF Other Tampa Areas	25,550,516	23,300,069	19,862,325	17,146,583	19,227,695
USF Sarasota-Manatee	2,248,903	192,420	454,197	1,375,750	493,903
USF St. Petersburg	6,354,610	4,304,080	5,947,584	5,616,594	7,088,775
Grand Total	440,577,680	458,506,047	475,163,063	489,487,717	525,389,253

Recovery of Facilities & Administrative Costs (Indirect Costs) Five Year Summary by College/Area

College/Institution	FY2015	FY2016	FY2017	FY2018	FY2019
College of Arts and Sciences	2,959,743	3,615,839	3,936,372	4,396,225	4,414,134
College of Behavioral and Community Sciences	2,779,284	3,096,697	3,299,973	3,375,042	3,491,574
College of Education	1,173,058	1,012,163	980,299	1,333,054	1,337,422
College of Engineering	4,298,015	4,918,582	5,327,002	5,932,159	5,388,606
College of Marine Science	2,315,253	2,513,024	2,286,236	2,408,606	2,620,094
College of The Arts	34,256	39,199	25,417	104,697	39,606
Muma College of Business	243,239	258,287	186,429	180,102	213,871
Patel College of Global Sustainability	74,736	14,176	24,343	49,726	108,553
USF Health-College of Nursing	458,849	756,539	573,041	678,115	660,038
USF Health-College of Public Health	2,624,733	2,904,808	2,938,867	2,700,513	2,623,020
USF Health-Morsani College of Medicine	16,494,321	18,955,722	19,731,557	21,968,428	21,911,799
USF Health-Taneja College of Pharmacy	125,386	240,247	197,257	282,911	289,342
USF Other Tampa Areas	387,289	464,438	505,999	472,927	470,689
USF Sarasota/Manatee	7,681	11,077	600	3,977	4,307
USF St. Petersburg	209,419	408,478	621,383	676,755	493,886
Total Indirect Costs	34,185,261	39,209,276	40,634,776	44,563,235	44,066,940

Funding by Project Type

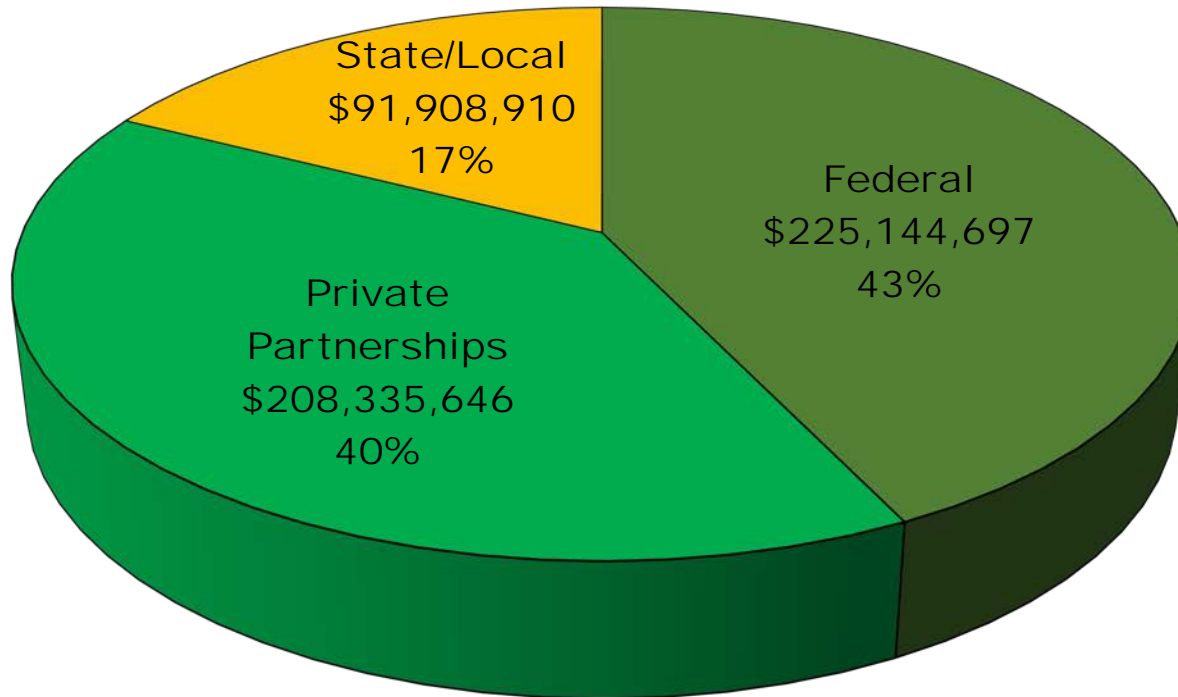
USF and Affiliates – FY2019



Research	Training	Other	Total
\$381.9	\$40.4	\$103.1	\$525.4

Research Funding by Funding Type

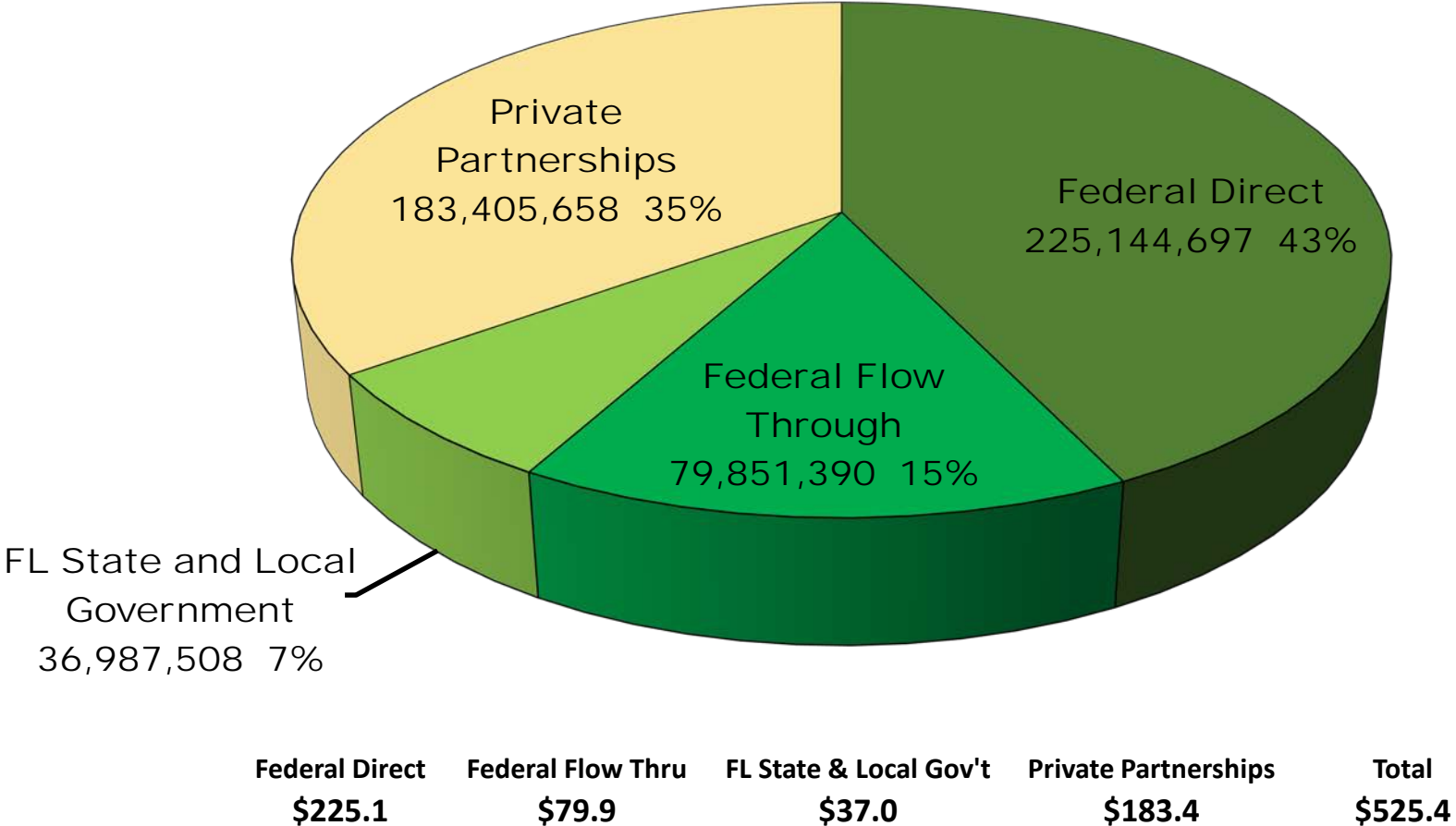
USF and Affiliates – FY2019



Federal	State	Private	Total
\$225.1	\$91.9	\$208.3	\$525.4

Research Funding by Source of Funds

USF and Affiliates – FY2019



Total Funding by Original Funding Source Five Year Summary

Funding Source	FY2015	FY2016	FY2017	FY2018	FY2019
Federal					
Federal Direct	166,307,979	194,381,278	197,810,618	184,471,149	225,144,697
Federal Total	166,307,979	194,381,278	197,810,618	184,471,149	225,144,697
Non Federal					
Federal Flow Through	62,223,661	71,594,331	68,415,290	78,021,236	79,851,390
FL State and Local Government	42,179,406	39,345,954	37,637,286	33,385,028	36,987,508
Private Partnerships	169,866,635	153,184,483	171,299,870	193,610,303	183,405,658
Non Federal Total	274,269,701	264,124,769	277,352,445	305,016,568	300,244,557
Grand Total	440,577,680	458,506,047	475,163,063	489,487,717	525,389,253

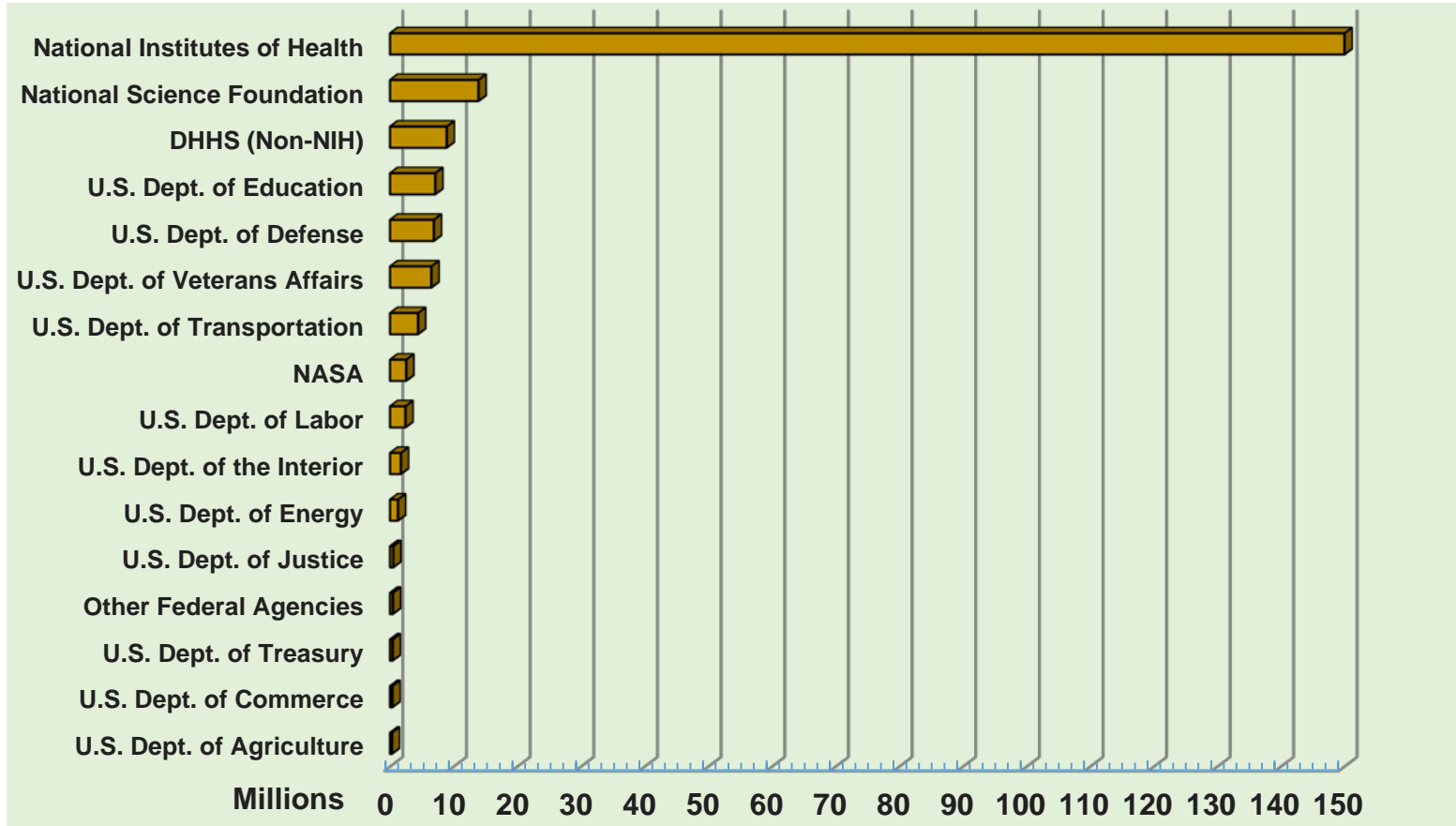
Federal Direct Funding by Agency

5-year Comparison

Federal Agency	FY2015	FY2016	FY2017	FY2018	FY2019
DHHS (Non-NIH)	15,664,625	12,594,615	13,810,228	12,602,130	8,895,834
NASA	3,685,196	2,674,332	3,515,974	2,613,031	2,533,485
National Institutes of Health	108,245,742	131,764,344	134,228,832	126,409,190	167,597,306
National Science Foundation	11,469,341	15,511,820	15,434,757	16,085,263	13,889,348
Other Federal Agencies	1,036,743	594,471	825,124	60,060	451,293
U.S. Dept. of Agriculture	687,633	474,407	512,261	529,400	288,339
U.S. Dept. of Commerce	260,047	811,532	967,706	790,613	375,520
U.S. Dept. of Defense	6,002,769	4,054,957	6,911,891	8,140,103	6,875,942
U.S. Dept. of Education	4,223,735	3,821,351	3,946,978	5,385,237	7,097,257
U.S. Dept. of Energy	2,518,122	1,075,386	2,019,389	456,965	1,238,454
U.S. Dept. of Homeland Security	488,977	460,149	316,375		
U.S. Dept. of Justice		848,300	210,256	50,000	498,077
U.S. Dept. of Labor	2,316,500	2,316,500	2,456,500	2,401,375	2,411,300
U.S. Dept. of the Interior	1,663,118	2,014,633	1,639,859	1,714,027	1,698,812
U.S. Dept. of Transportation	3,571,133	3,500,135	3,409,692	1,397,581	4,395,344
U.S. Dept. of Treasury		4,036,238	670,855		410,884
U.S. Dept. of Veterans Affairs	4,474,298	7,828,108	6,933,940	5,836,175	6,487,501
Grand Total	166,307,979	194,381,278	197,810,618	184,471,149	225,144,697

Primary Sources of Federal Direct Funding

USF and Affiliates – FY2019



Total Federal Direct Funding 5 year Comparison by College/Area

College/Institution	FY2015	FY2016	FY2017	FY2018	FY2019
College of Arts and Sciences	10,129,268	15,337,596	14,907,955	16,713,678	13,162,459
College of Behavioral and Community Sciences	7,091,362	6,098,158	4,058,924	6,531,456	6,832,580
College of Education	2,977,699	2,891,336	2,527,874	1,522,704	2,322,957
College of Engineering	12,689,662	12,090,176	13,842,955	13,191,985	15,079,658
College of Marine Science	5,749,631	5,855,592	6,681,894	5,962,305	6,300,960
College of The Arts	70,000	20,000	40,000		
Muma College of Business	329,806	327,332	135,140	(496)	
USF Health-College of Nursing	2,112,525	4,235,754	2,861,591	4,509,385	2,726,523
USF Health-College of Pharmacy	416,509	464,237	843,420	1,289,202	1,178,004
USF Health-College of Public Health	16,035,110	15,672,277	18,506,197	17,490,691	14,605,812
USF Health-Morsani College of Medicine	101,876,944	124,073,515	127,460,422	114,598,547	159,288,825
USF Other Tampa Areas	6,208,263	6,583,664	4,747,166	1,519,432	2,468,527
USF Sarasota-Manatee		49,383	45,197		
USF St. Petersburg	621,200	682,258	1,151,884	1,142,260	1,178,393
Grand Total	166,307,979	194,381,278	197,810,618	184,471,149	225,144,697

NIH Federal Direct Funding by College/Area

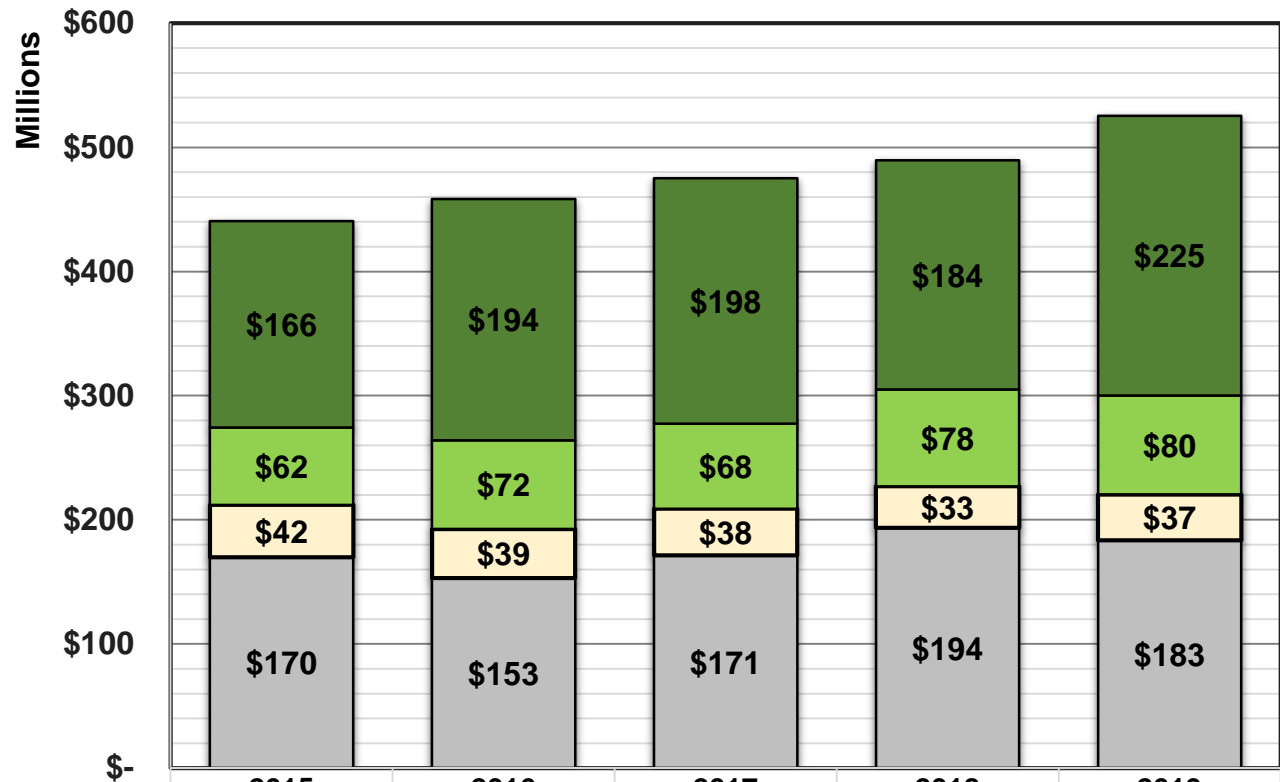
College/Institution	FY2015	FY2016	FY2017	FY2018	FY2019
College of Arts and Sciences	2,229,747	4,763,769	6,344,349	8,229,025	4,569,589
College of Behavioral and Community Sciences	2,554,587	2,961,059	1,767,935	1,776,287	1,360,382
College of Education	72,508				
College of Engineering	1,058,339	1,806,471	2,343,342	3,756,018	4,213,373
USF Health-College of Nursing	1,448,513	2,205,086	984,164	2,706,898	1,625,764
USF Health-College of Pharmacy	416,509	378,584	714,621	1,198,448	1,178,004
USF Health-College of Public Health	3,355,735	2,851,997	4,882,773	4,820,506	5,810,498
USF Health-Morsani College of Medicine	96,365,932	115,713,112	116,592,477	103,318,908	148,251,516
USF Other Tampa Areas	743,872	469,008			
USF St. Petersburg		615,258	599,172	603,100	588,180
Grand Total	108,245,742	131,764,344	134,228,832	126,409,190	167,597,306

NSF Federal Direct Funding by College/Area

College/Institution	FY2015	FY2016	FY2017	FY2018	FY2019
College of Arts and Sciences	2,919,958	6,334,120	5,347,346	5,837,810	4,721,976
College of Education	603,309	1,050,296	1,012,680	824,099	689,696
College of Engineering	5,035,004	5,379,102	6,045,562	6,665,013	5,007,013
College of Marine Science	1,457,940	1,332,819	1,707,990	1,935,043	2,432,150
College of The Arts	50,000				
Muma College of Business	329,806	268,389	105,140		
USF Health-College of Nursing		50,000	50,000	50,000	
USF Health-Morsani College of Medicine	365,606	242,534	82,708		231,528
USF Other Tampa Areas	683,769	755,177	1,038,134	773,298	506,000
USF Sarasota-Manatee		49,383	45,197		
USF St. Petersburg	23,949	50,000			300,986
Grand Total	11,469,341	15,511,820	15,434,757	16,085,263	13,889,348

USF All Colleges/Campuses

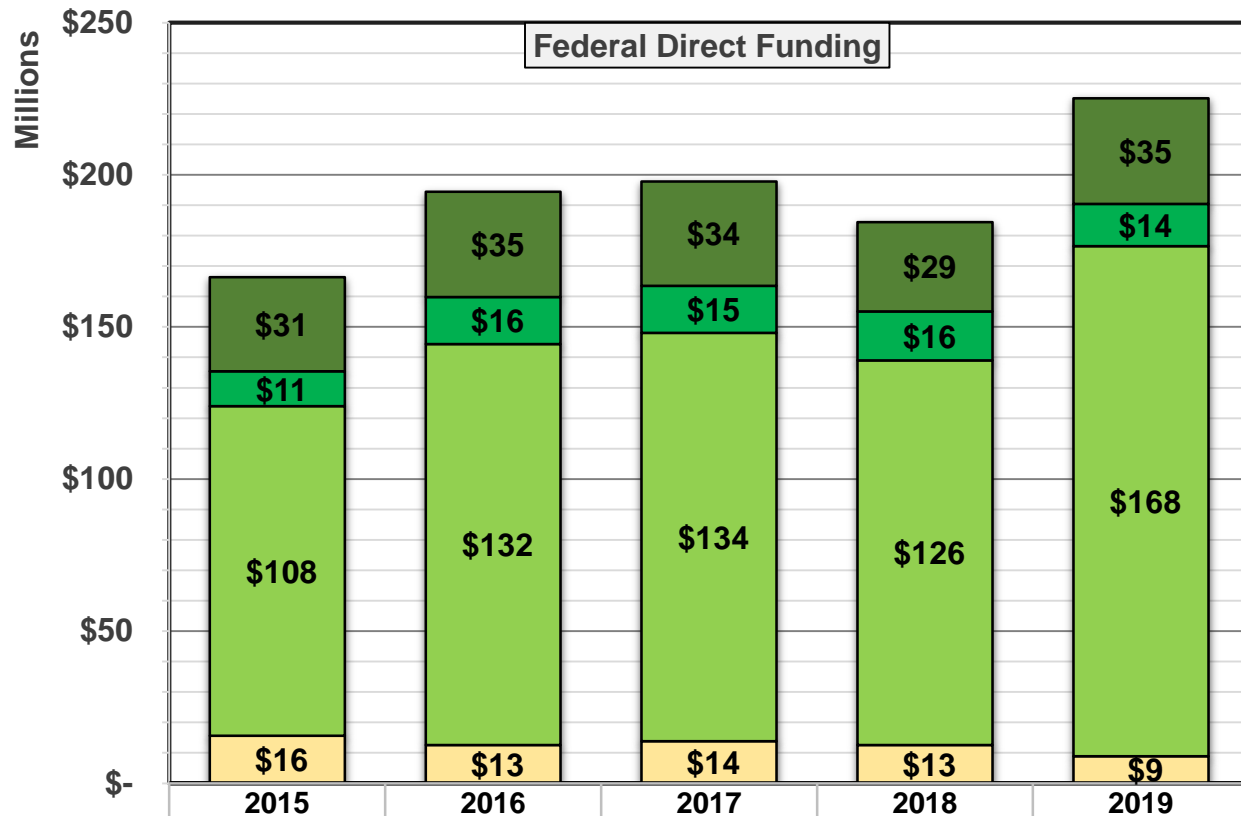
Research Funding by Fiscal Year



	2015	2016	2017	2018	2019
■ Federal Direct	\$166,307,979	\$194,381,278	\$197,810,618	\$184,471,149	\$225,144,697
■ Federal Flow Through	\$62,223,661	\$71,594,331	\$68,415,290	\$78,021,236	\$79,851,390
□ FL State and Local Government	\$42,179,406	\$39,345,954	\$37,637,286	\$33,385,028	\$36,987,508
□ Private Partnerships	\$169,866,635	\$153,184,483	\$171,299,870	\$193,610,303	\$183,405,658

USF All Colleges/Campuses

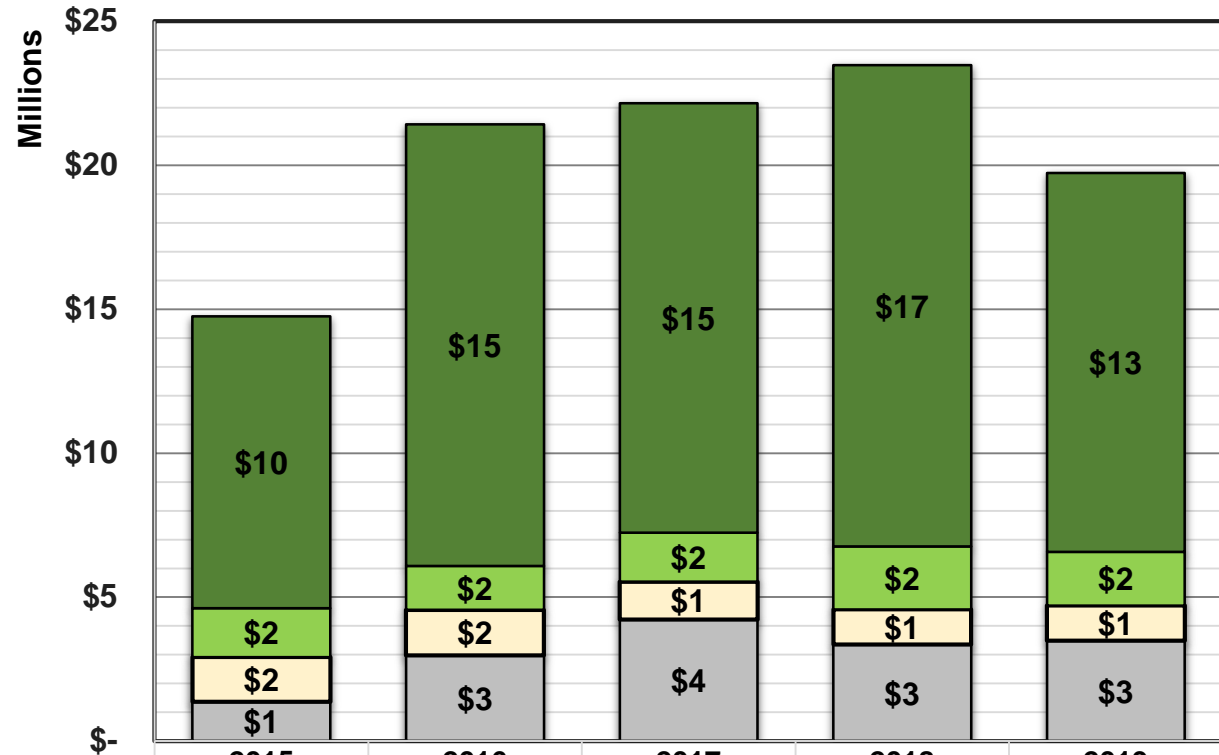
Federal Direct Funding by Fiscal Year



	2015	2016	2017	2018	2019
■ Other Federal Agencies	\$30,928,271	\$34,510,499	\$34,336,800	\$29,374,566	\$34,762,208
■ National Science Foundation	\$11,469,341	\$15,511,820	\$15,434,757	\$16,085,263	\$13,889,348
■ National Institutes of Health	\$108,245,742	\$131,764,344	\$134,228,832	\$126,409,190	\$167,597,306
■ DHHS (Non-NIH)	\$15,664,625	\$12,594,615	\$13,810,228	\$12,602,130	\$8,895,834

College of Arts & Sciences

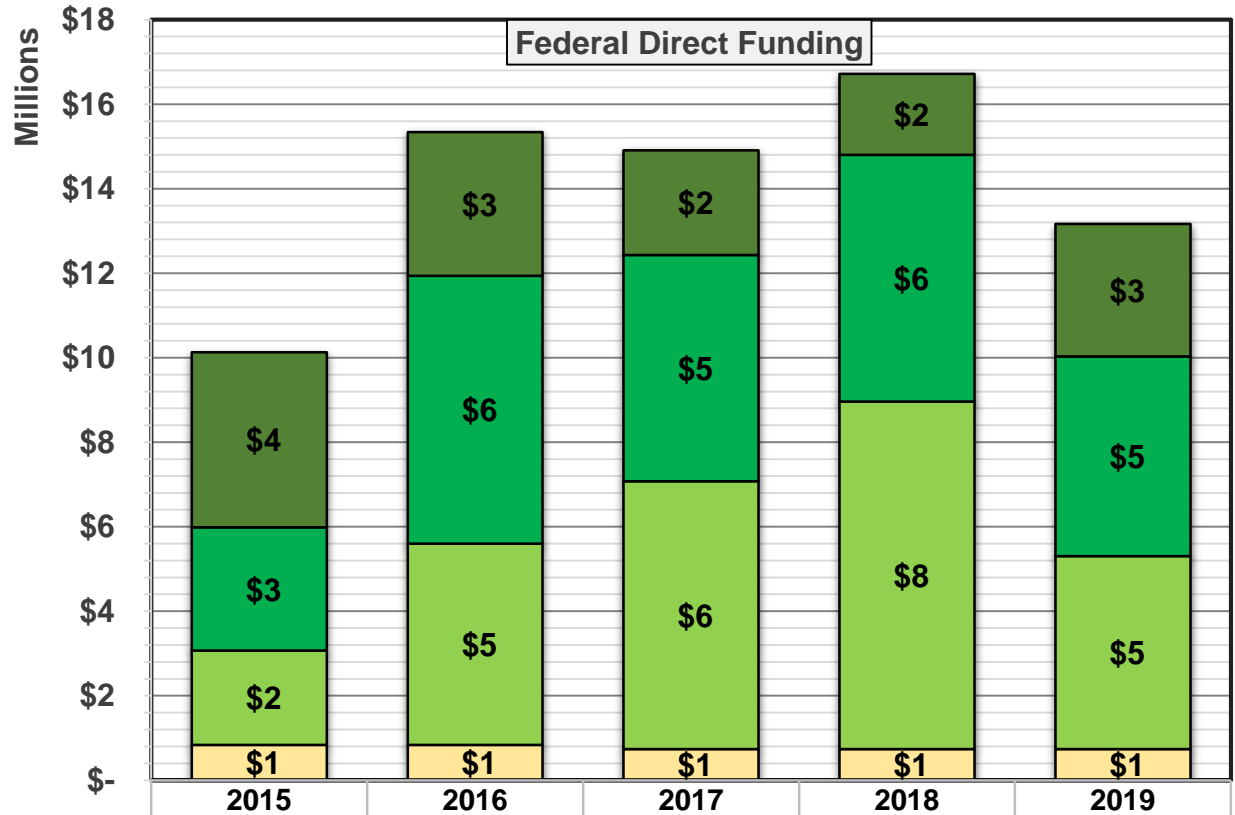
Research Funding by Fiscal Year



	2015	2016	2017	2018	2019
■ Federal Direct	\$10,129,268	\$15,337,596	\$14,907,955	\$16,713,678	\$13,162,459
■ Federal Flow Through	\$1,701,039	\$1,520,561	\$1,705,995	\$2,180,871	\$1,860,646
□ FL State and Local Government	\$1,550,115	\$1,581,812	\$1,314,197	\$1,221,984	\$1,222,939
□ Private Partnerships	\$1,369,170	\$2,976,417	\$4,223,048	\$3,355,019	\$3,487,535

College of Arts & Sciences

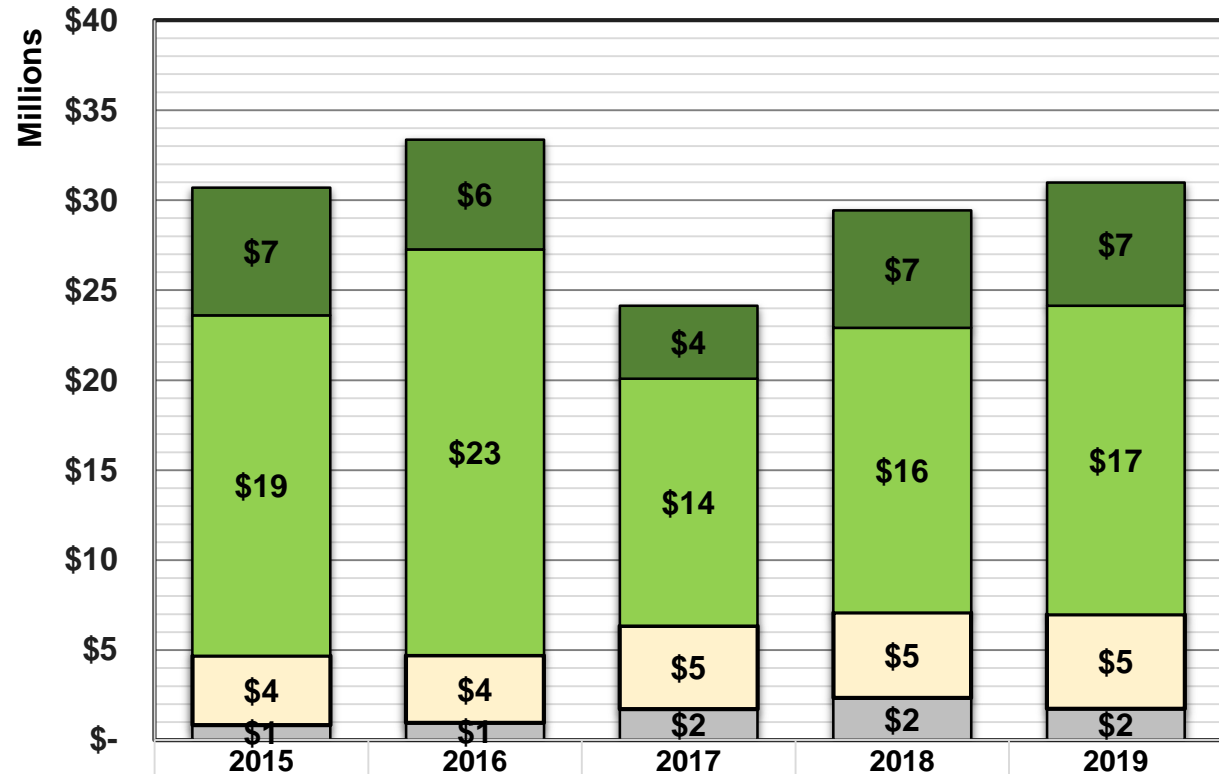
Federal Direct Funding by Fiscal Year



	2015	2016	2017	2018	2019
■ Other Federal Agencies	\$4,141,563	\$3,401,707	\$2,480,260	\$1,910,844	\$3,134,894
■ National Science Foundation	\$2,919,958	\$6,334,120	\$5,347,346	\$5,837,810	\$4,721,976
■ National Institutes of Health	\$2,229,747	\$4,763,769	\$6,344,349	\$8,229,025	\$4,569,589
■ DHHS (Non-NIH)	\$838,000	\$838,000	\$736,000	\$736,000	\$736,000

College of Behavioral and Community Sciences

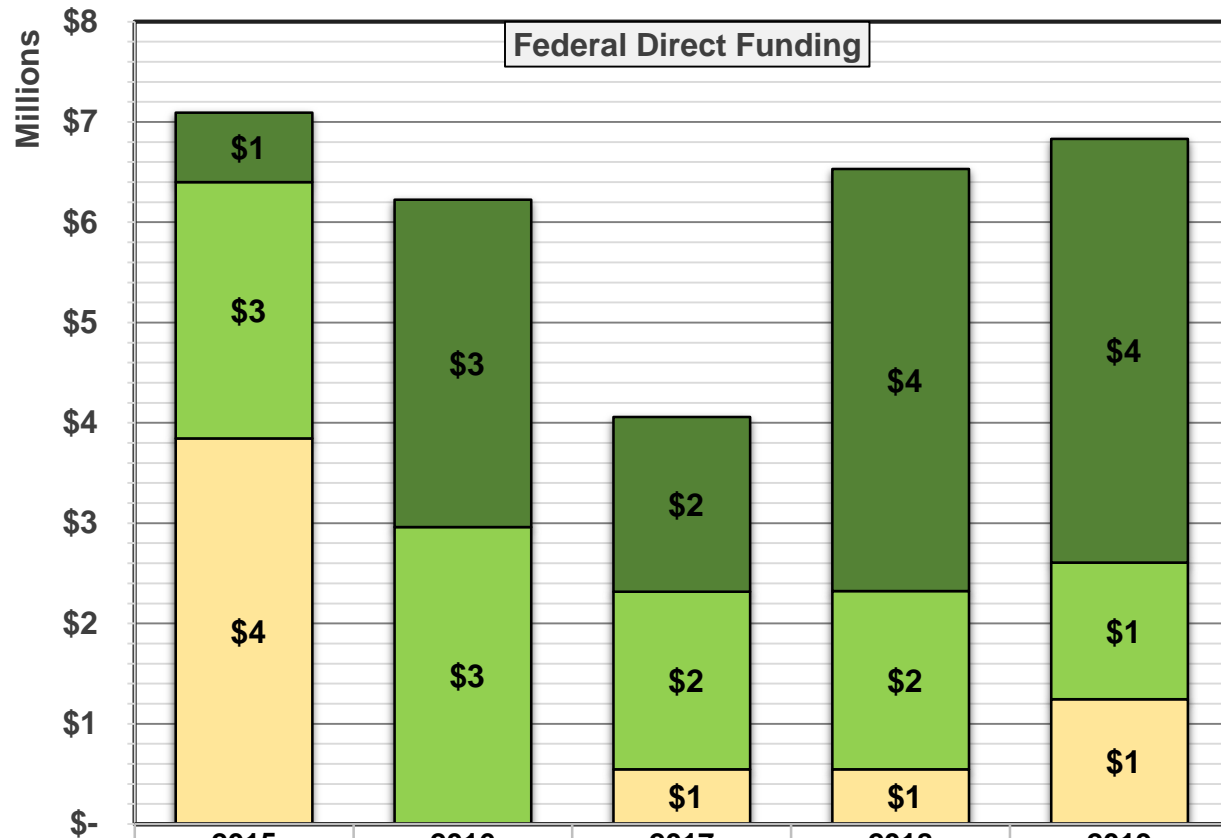
Research Funding by Fiscal Year



	2015	2016	2017	2018	2019
■ Federal Direct	\$7,091,362	\$6,098,158	\$4,058,924	\$6,531,456	\$6,832,580
■ Federal Flow Through	\$18,905,450	\$22,556,266	\$13,729,053	\$15,820,279	\$17,161,171
□ FL State and Local Government	\$3,852,031	\$3,745,123	\$4,627,555	\$4,733,922	\$5,245,933
□ Private Partnerships	\$840,194	\$967,686	\$1,725,056	\$2,352,613	\$1,736,292

College of Behavioral and Community Sciences

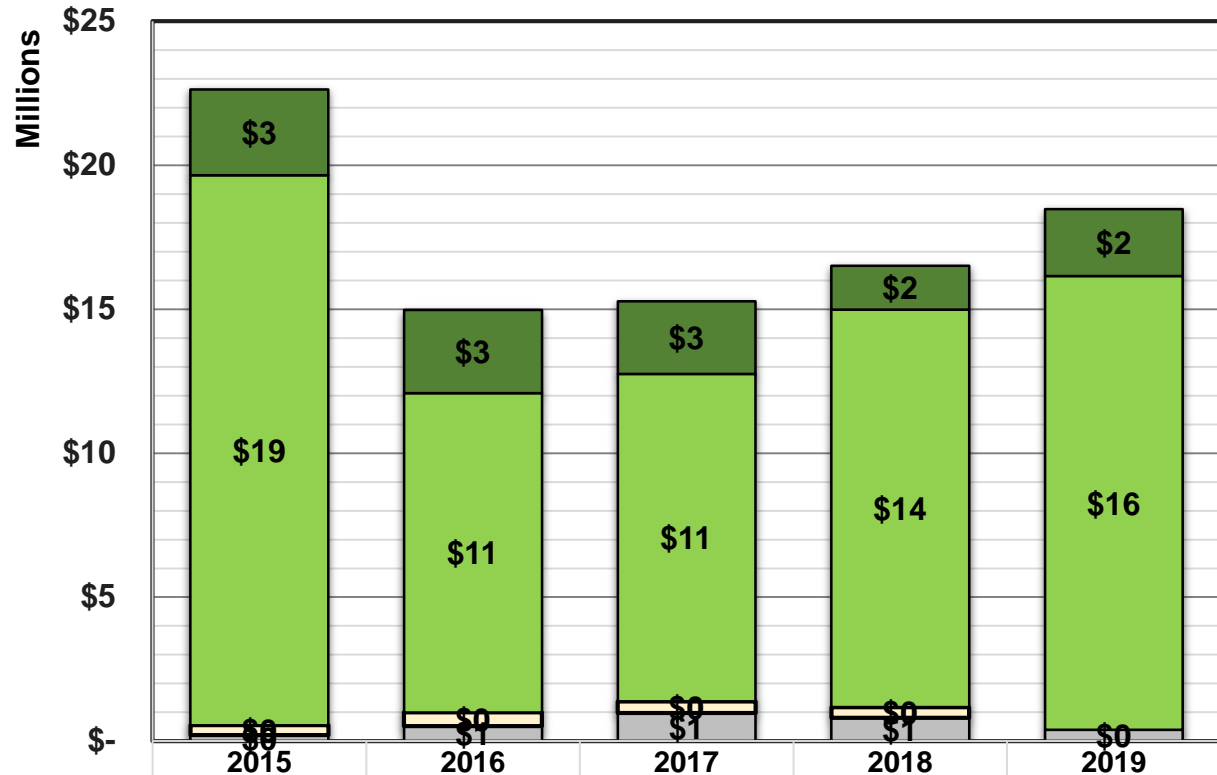
Federal Direct Funding by Fiscal Year



	2015	2016	2017	2018	2019
■ Other Federal Agencies	\$691,219	\$3,264,545	\$1,743,989	\$4,208,169	\$4,226,948
■ National Institutes of Health	\$2,554,587	\$2,961,059	\$1,767,935	\$1,776,287	\$1,360,382
■ DHHS (Non-NIH)	\$3,845,556	\$(127,446)	\$547,000	\$547,000	\$1,245,250

College of Education

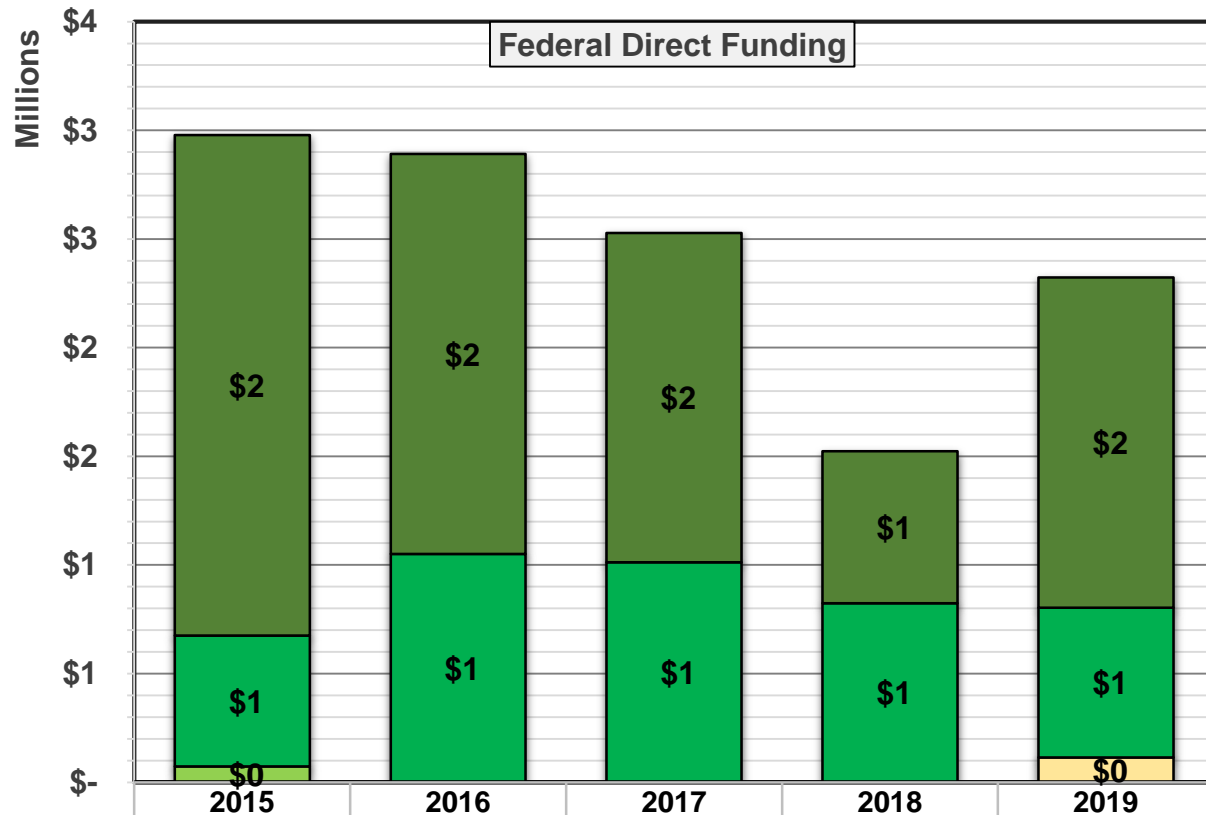
Research Funding by Fiscal Year



■ Federal Direct	\$2,977,699	\$2,891,336	\$2,527,874	\$1,522,704	\$2,322,957
■ Federal Flow Through	\$19,099,993	\$11,084,898	\$11,366,596	\$13,802,054	\$15,752,704
□ FL State and Local Government	\$349,493	\$478,262	\$401,927	\$372,072	
■ Private Partnerships	\$205,437	\$521,227	\$977,689	\$810,074	\$397,916

College of Education

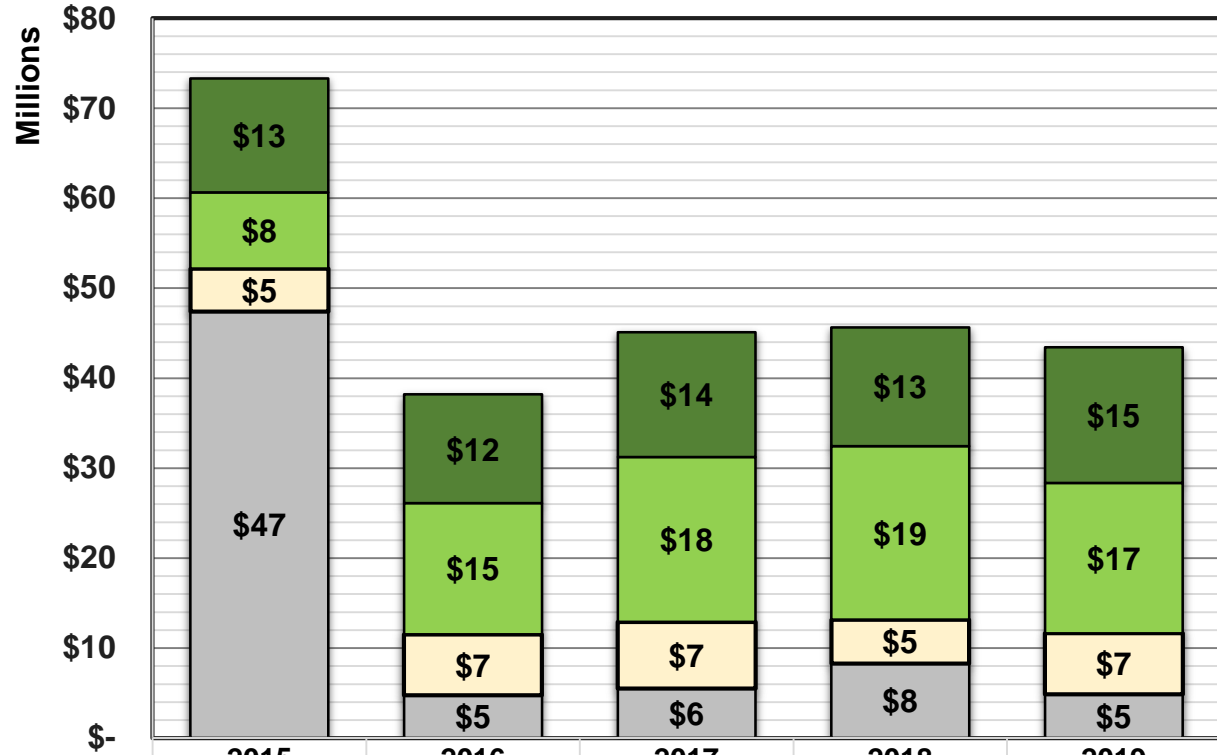
Federal Direct Funding by Fiscal Year



	2015	2016	2017	2018	2019
■ Other Federal Agencies	\$2,301,882	\$1,841,040	\$1,515,194	\$698,605	\$1,519,642
■ National Science Foundation	\$603,309	\$1,050,296	\$1,012,680	\$824,099	\$689,696
■ National Institutes of Health	\$72,508				
■ DHHS (Non-NIH)					\$113,619

College of Engineering

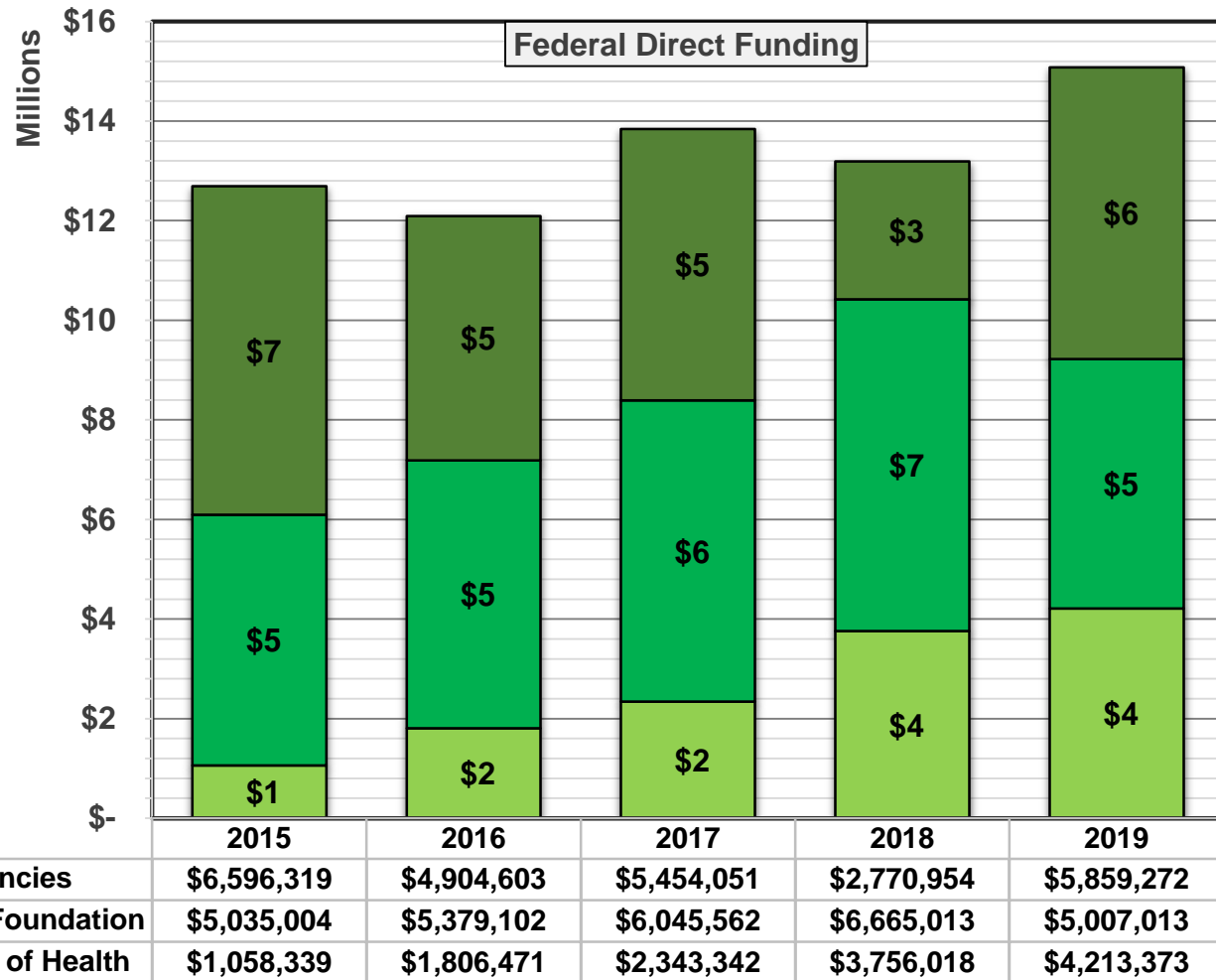
Research Funding by Fiscal Year



	2015	2016	2017	2018	2019
■ Federal Direct	\$12,689,662	\$12,090,176	\$13,842,955	\$13,191,985	\$15,079,658
■ Federal Flow Through	\$8,451,537	\$14,571,944	\$18,332,244	\$19,289,307	\$16,680,541
□ FL State and Local Government	\$4,770,034	\$6,768,969	\$7,407,711	\$4,861,833	\$6,791,747
□ Private Partnerships	\$47,409,532	\$4,758,438	\$5,505,605	\$8,294,520	\$4,867,345

College of Engineering

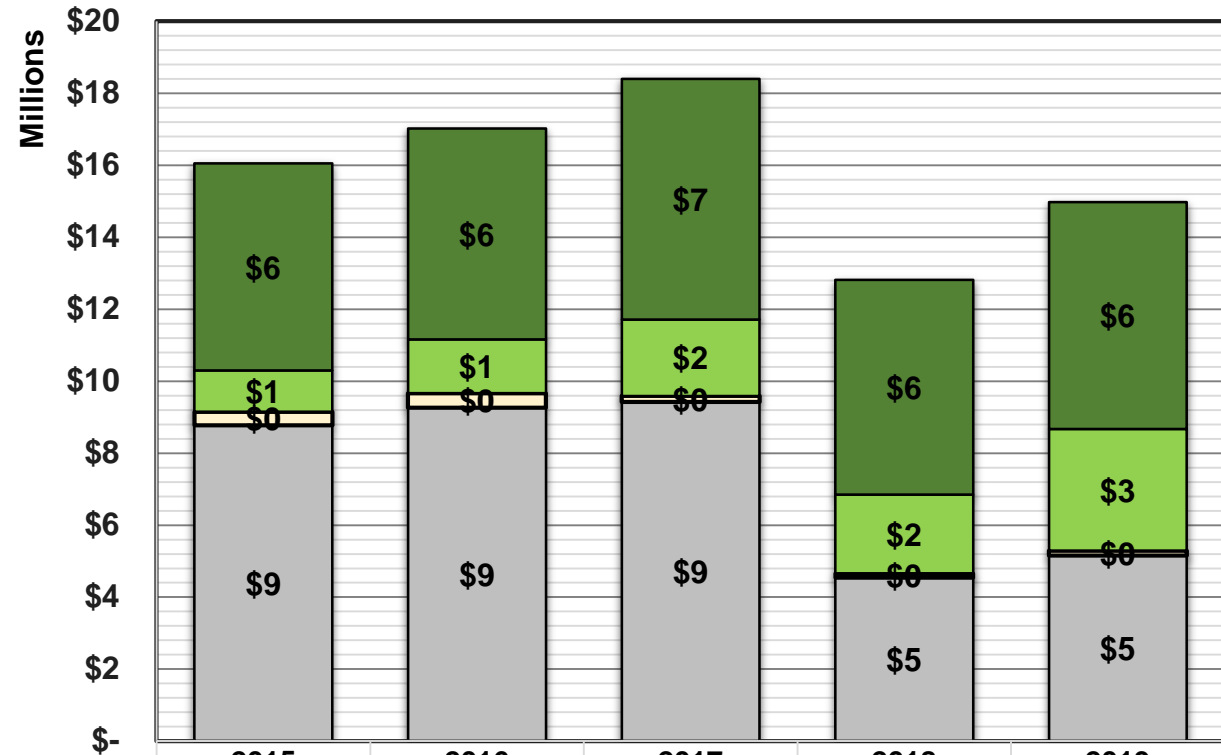
Federal Direct Funding by Fiscal Year



	2015	2016	2017	2018	2019
Other Federal Agencies	\$6,596,319	\$4,904,603	\$5,454,051	\$2,770,954	\$5,859,272
National Science Foundation	\$5,035,004	\$5,379,102	\$6,045,562	\$6,665,013	\$5,007,013
National Institutes of Health	\$1,058,339	\$1,806,471	\$2,343,342	\$3,756,018	\$4,213,373

College of Marine Science

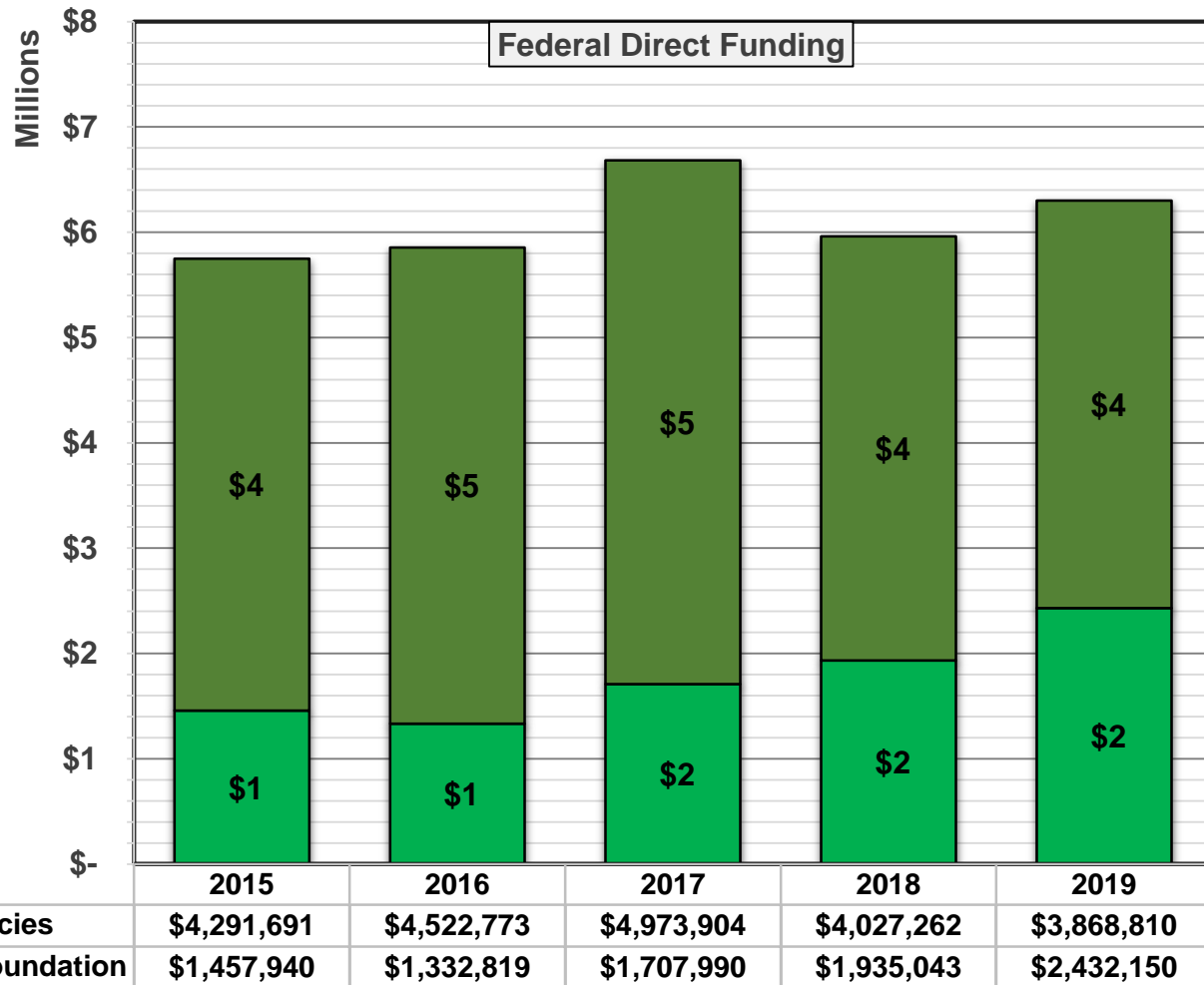
Research Funding by Fiscal Year



	2015	2016	2017	2018	2019
■ Federal Direct	\$5,749,631	\$5,855,592	\$6,681,894	\$5,962,305	\$6,300,960
■ Federal Flow Through	\$1,153,025	\$1,495,261	\$2,125,009	\$2,193,016	\$3,376,251
□ FL State and Local Government	\$371,812	\$398,182	\$163,051	\$120,307	\$138,453
■ Private Partnerships	\$8,777,004	\$9,266,636	\$9,426,224	\$4,539,528	\$5,154,910

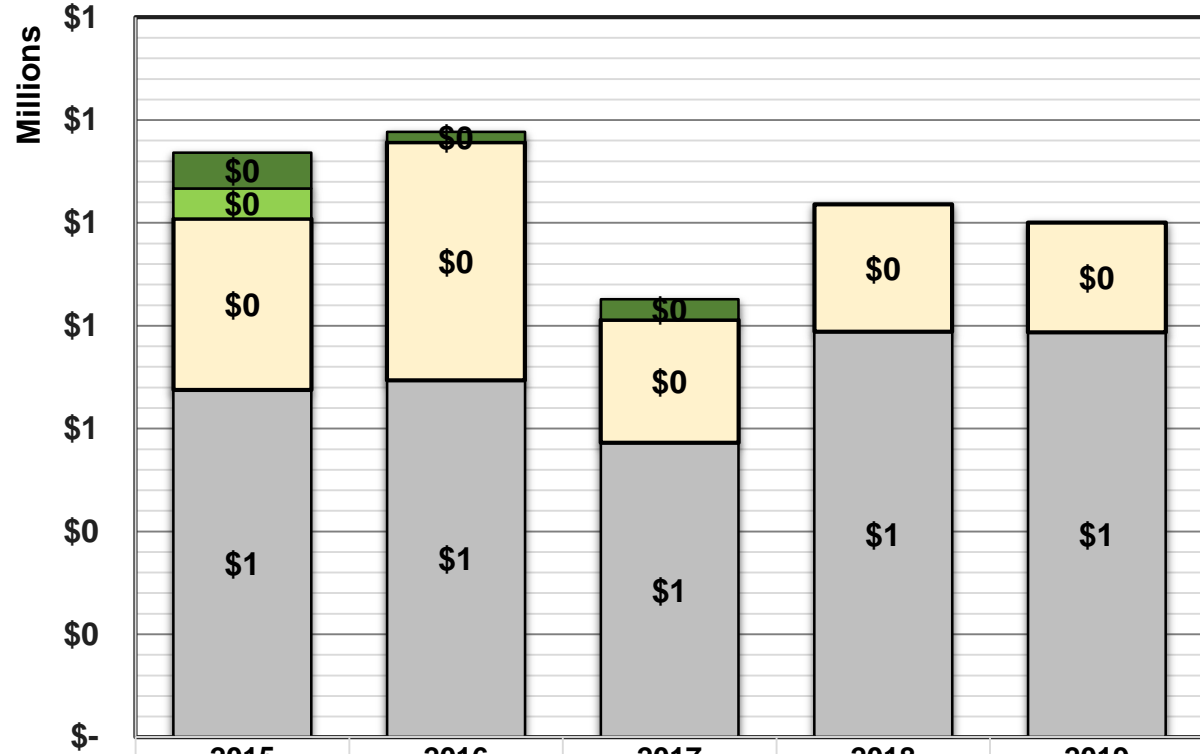
College of Marine Science

Federal Direct Funding by Fiscal Year



College of The Arts

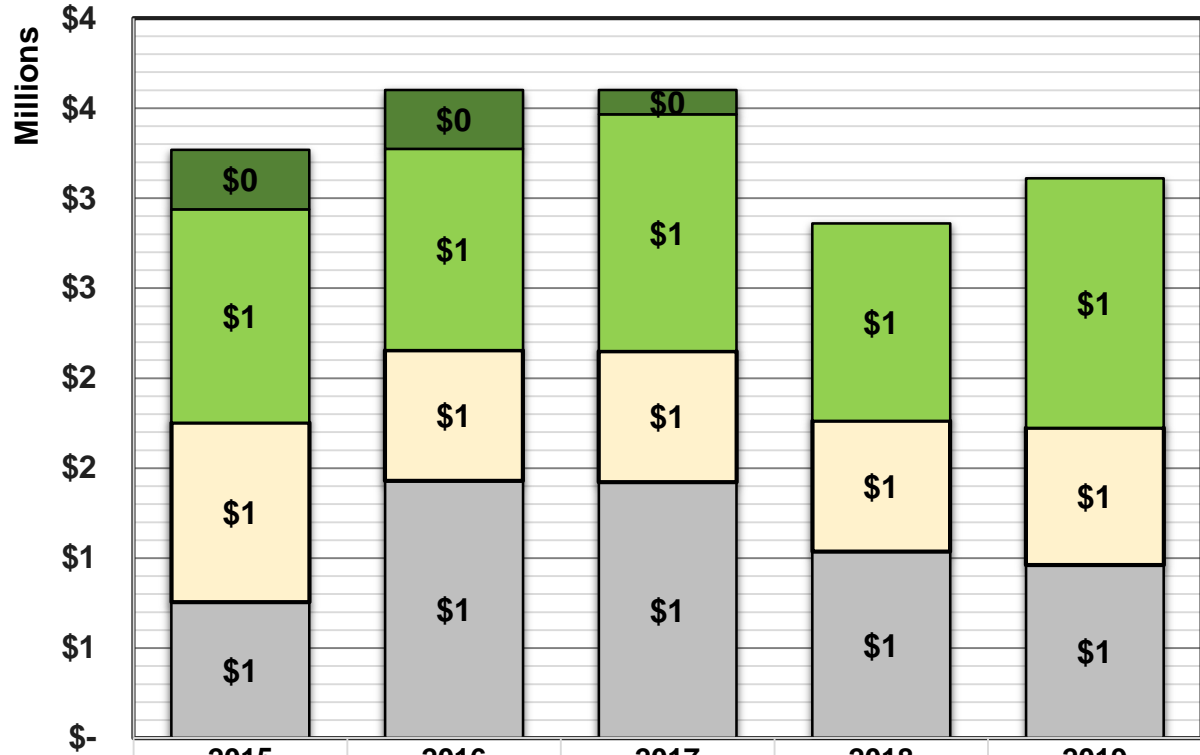
Research Funding by Fiscal Year



	2015	2016	2017	2018	2019
■ Federal Direct	\$70,000	\$20,000	\$40,000		
■ Federal Flow Through	\$58,400				
□ FL State and Local Government	\$333,157	\$462,907	\$239,366	\$247,793	\$213,635
□ Private Partnerships	\$675,163	\$693,929	\$572,342	\$788,144	\$787,125

Muma College of Business

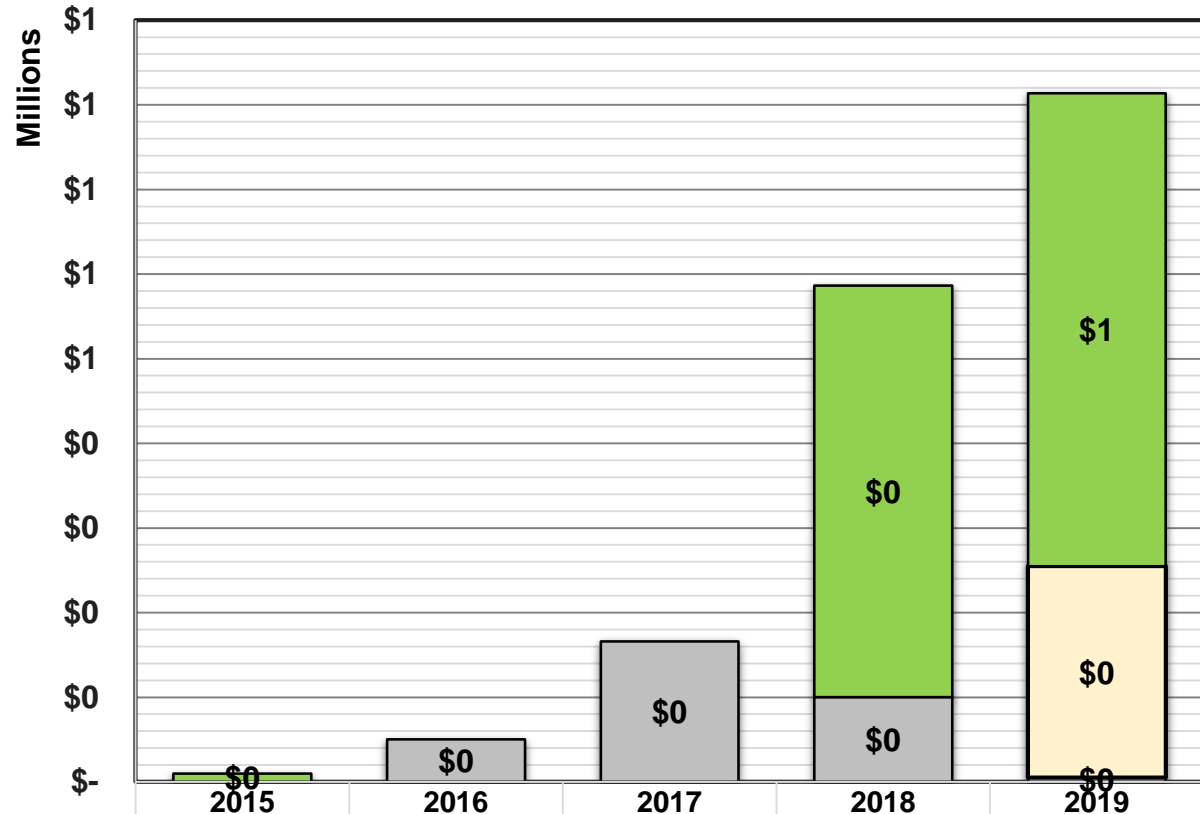
Research Funding by Fiscal Year



	2015	2016	2017	2018	2019
■ Federal Direct	\$329,806	\$327,332	\$135,140	(\$496)	
■ Federal Flow Through	\$1,185,613	\$1,117,800	\$1,315,552	\$1,096,375	\$1,387,186
□ FL State and Local Government	\$996,559	\$725,691	\$726,691	\$726,692	\$762,180
□ Private Partnerships	\$755,902	\$1,429,632	\$1,422,955	\$1,036,341	\$961,614

Patel College of Global Sustainability

Research Funding by Fiscal Year

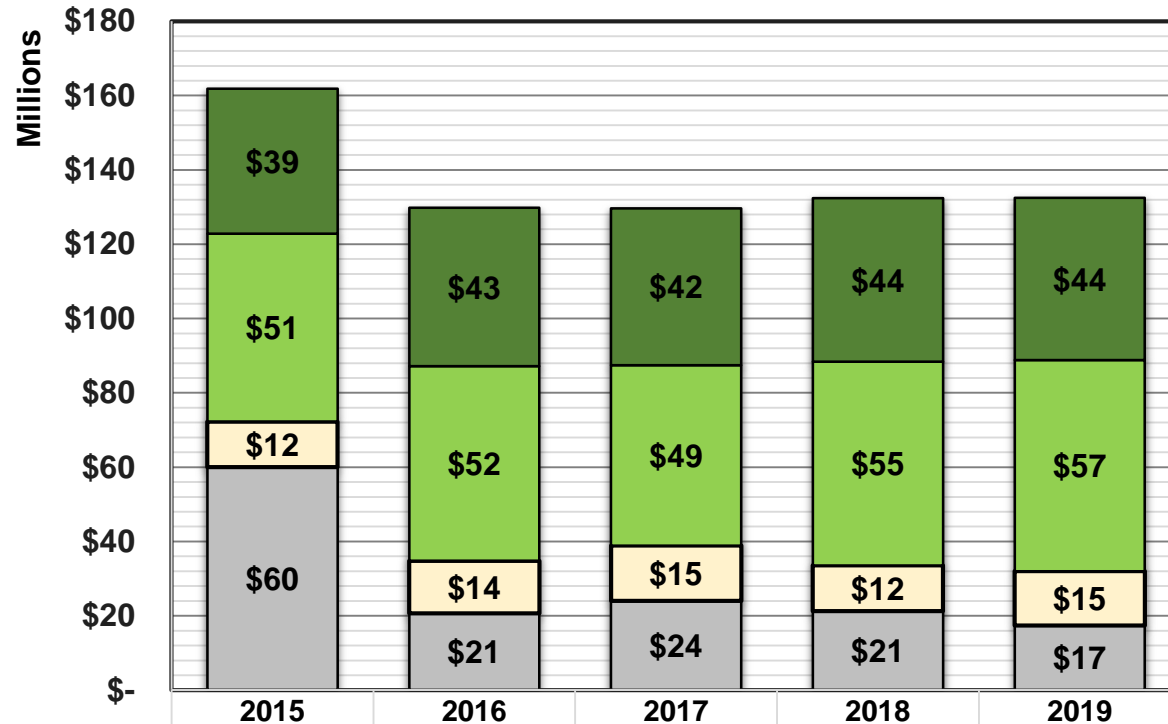


■ Federal Flow Through	\$10,000			\$486,355	\$558,712
■ FL State and Local Government					\$250,001
■ Private Partnerships		\$50,115	\$166,000	\$100,008	\$5,000

Tampa Academic Colleges

Research Funding by Fiscal Year

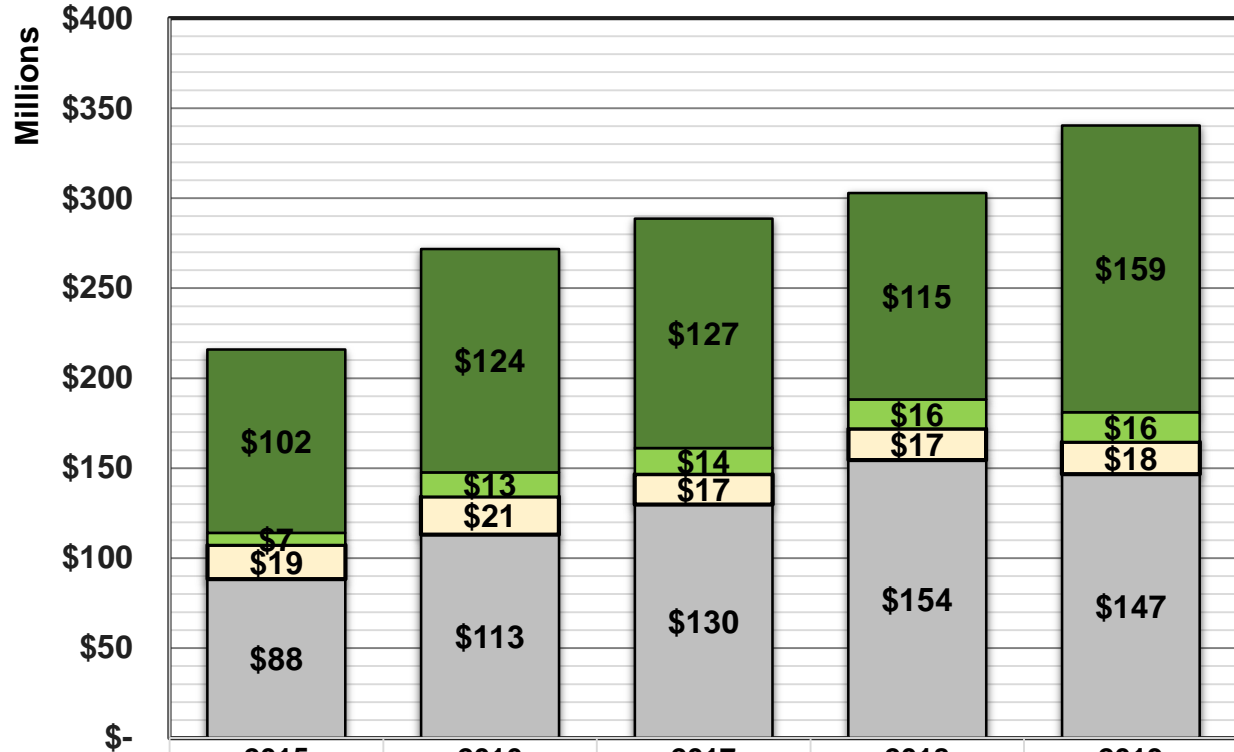
College of Arts & Sciences
 College of Behavioral and Community Sciences
 College of Education
 College of Engineering
 College of Marine Science
 College of The Arts
 Muma College of Business
 Patel College of Global Sustainability



	2015	2016	2017	2018	2019
■ Federal Direct	\$39,037,428	\$42,620,190	\$42,194,742	\$43,921,631	\$43,698,613
■ Federal Flow Through	\$50,565,058	\$52,346,730	\$48,574,449	\$54,868,257	\$56,777,212
□ FL State and Local Government	\$12,223,201	\$14,160,945	\$14,880,498	\$12,284,604	\$14,624,888
■ Private Partnerships	\$60,032,402	\$20,664,080	\$24,018,918	\$21,276,248	\$17,397,738

Morsani College of Medicine

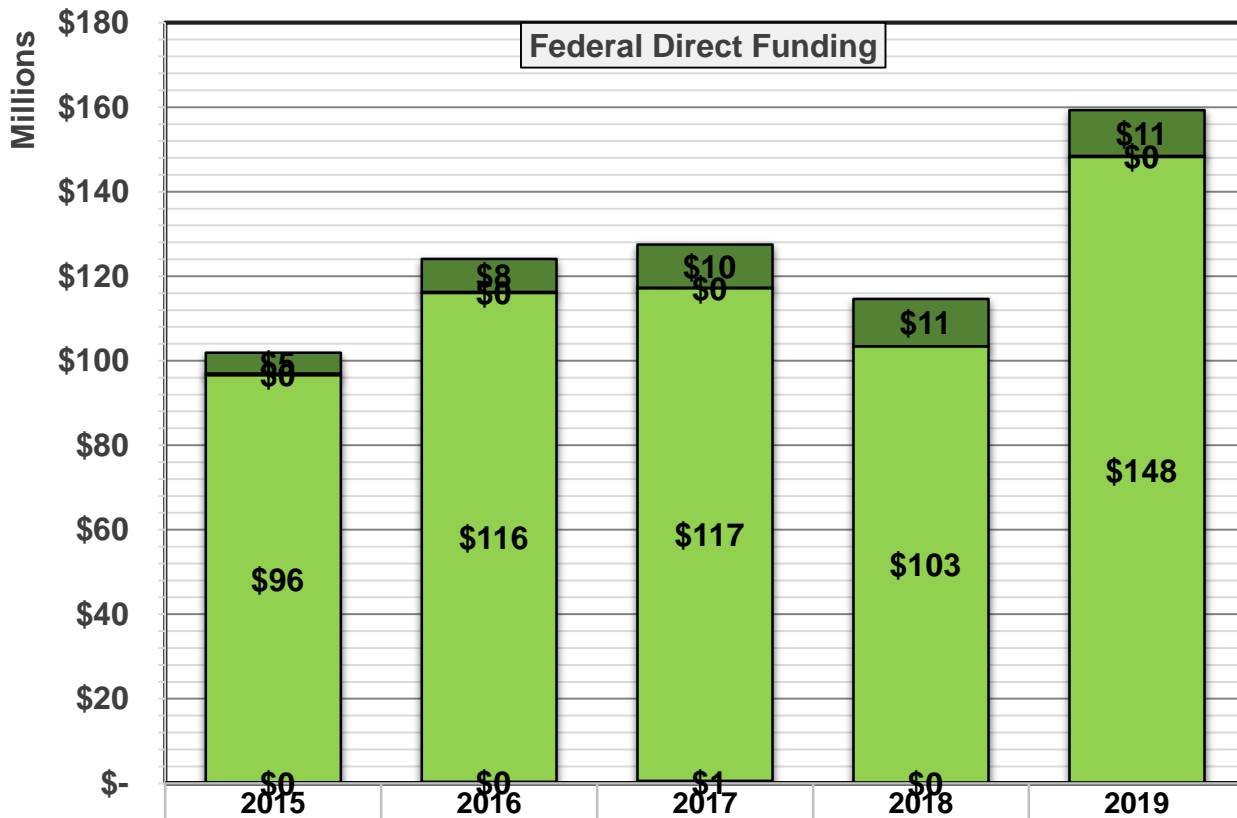
Research Funding by Fiscal Year



	2015	2016	2017	2018	2019
■ Federal Direct	\$101,876,944	\$124,073,515	\$127,460,422	\$114,598,547	\$159,288,825
■ Federal Flow Through	\$6,632,693	\$13,395,243	\$14,440,543	\$16,276,316	\$16,485,921
□ FL State and Local Government	\$18,966,397	\$21,197,248	\$16,907,606	\$17,447,450	\$18,023,918
□ Private Partnerships	\$88,390,908	\$113,026,845	\$129,766,249	\$154,479,877	\$146,597,306

Morsani College of Medicine

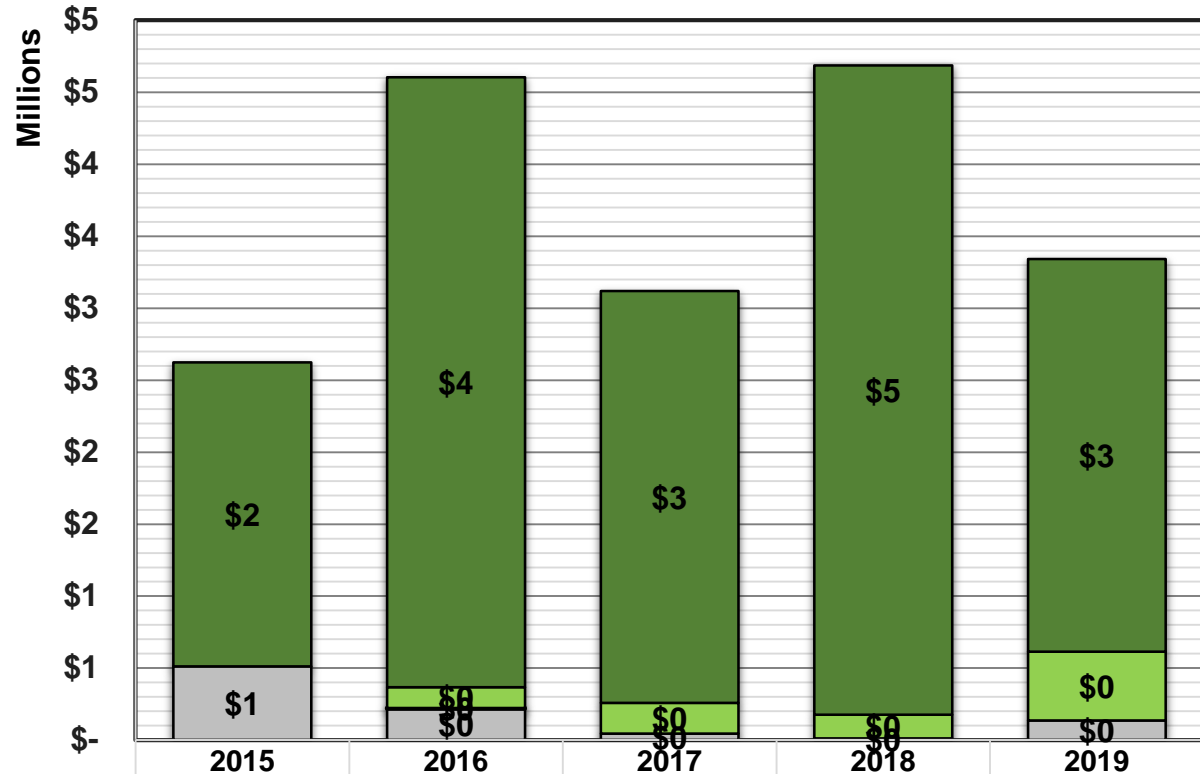
Federal Direct Funding by Fiscal Year



	2015	2016	2017	2018	2019
Other Federal Agencies	\$4,941,406	\$7,756,217	\$10,183,307	\$11,216,060	\$10,808,820
National Science Foundation	\$365,606	\$242,534	\$82,708		\$231,528
National Institutes of Health	\$96,365,932	\$115,713,112	\$116,592,477	\$103,318,908	\$148,251,516
DHHS (Non-NIH)	\$204,000	\$361,653	\$601,930	\$63,580	\$(3,040)

College of Nursing

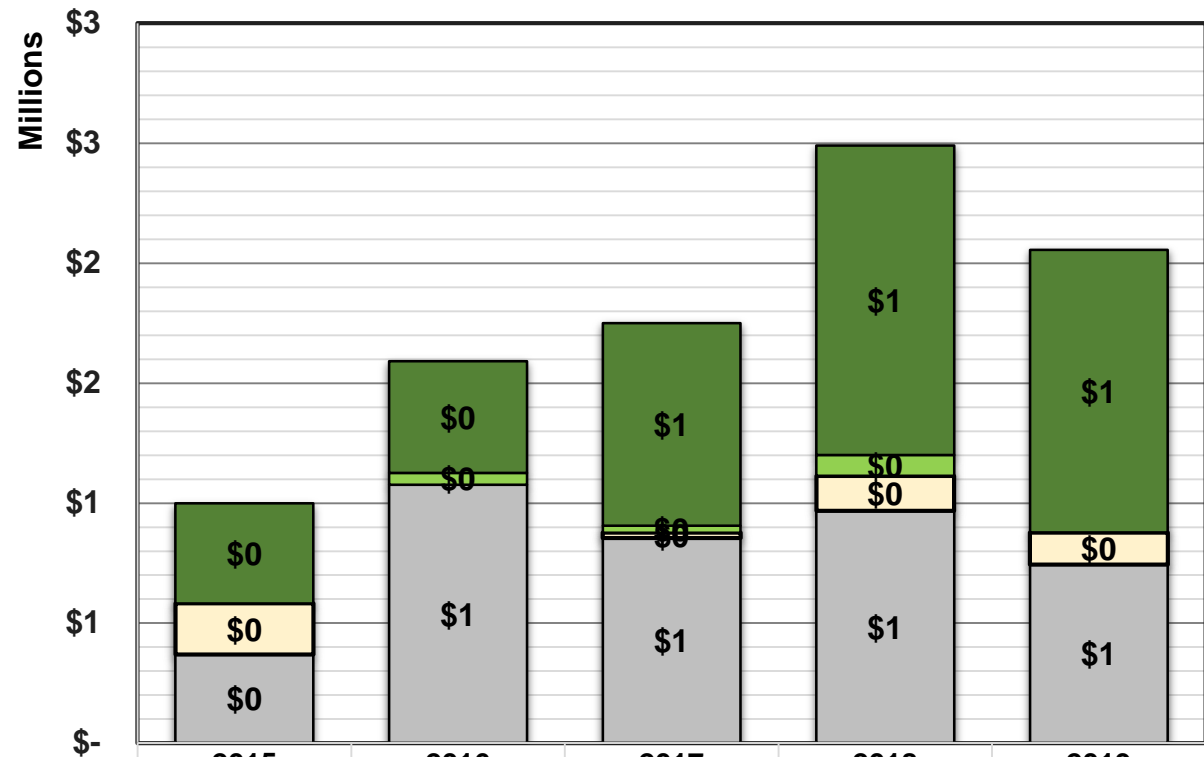
Research Funding by Fiscal Year



	2015	2016	2017	2018	2019
■ Federal Direct	\$2,112,525	\$4,235,754	\$2,861,591	\$4,509,385	\$2,726,523
■ Federal Flow Through		\$144,219	\$212,672	\$164,758	\$477,485
□ FL State and Local Government		\$5,000			
□ Private Partnerships	\$511,867	\$218,518	\$45,728	\$11,160	\$136,512

Taneja College of Pharmacy

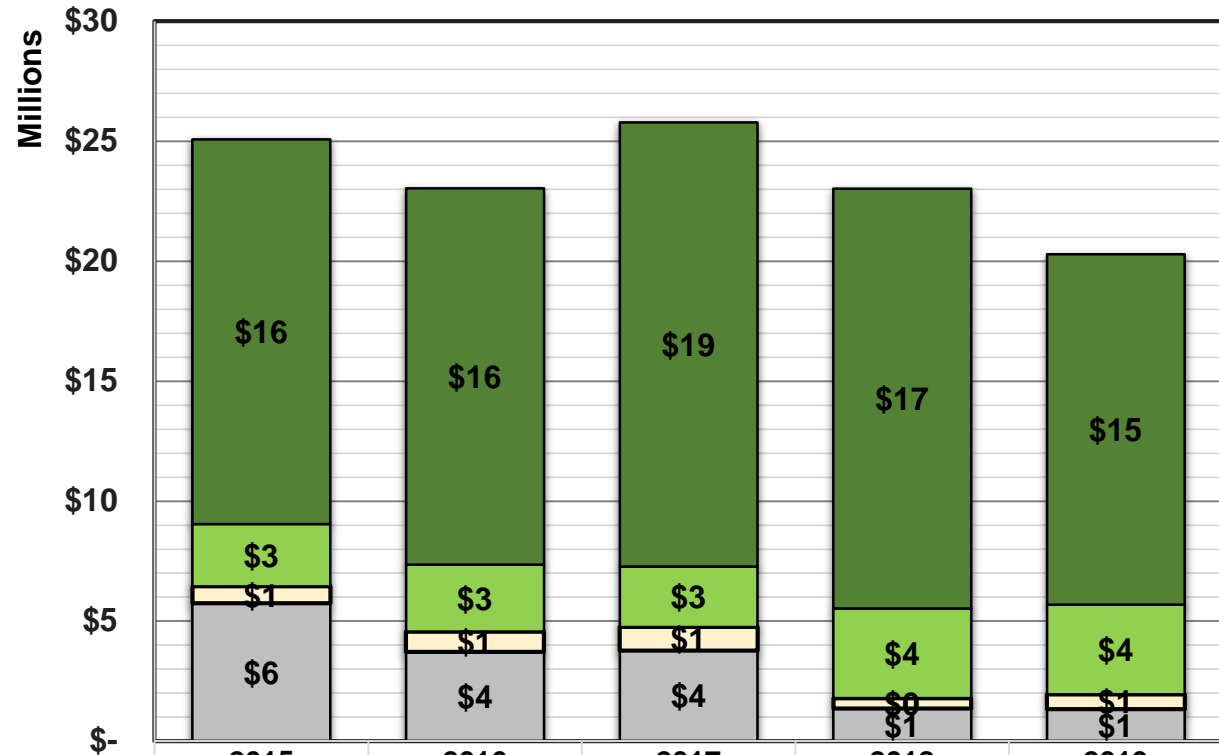
Research Funding by Fiscal Year



	2015	2016	2017	2018	2019
■ Federal Direct	\$416,509	\$464,237	\$843,420	\$1,289,202	\$1,178,004
■ Federal Flow Through		\$49,344	\$29,380	\$86,866	
□ FL State and Local Government	\$212,500		\$21,876	\$145,452	\$133,250
■ Private Partnerships	\$369,872	\$1,077,234	\$854,950	\$968,006	\$744,469

College of Public Health

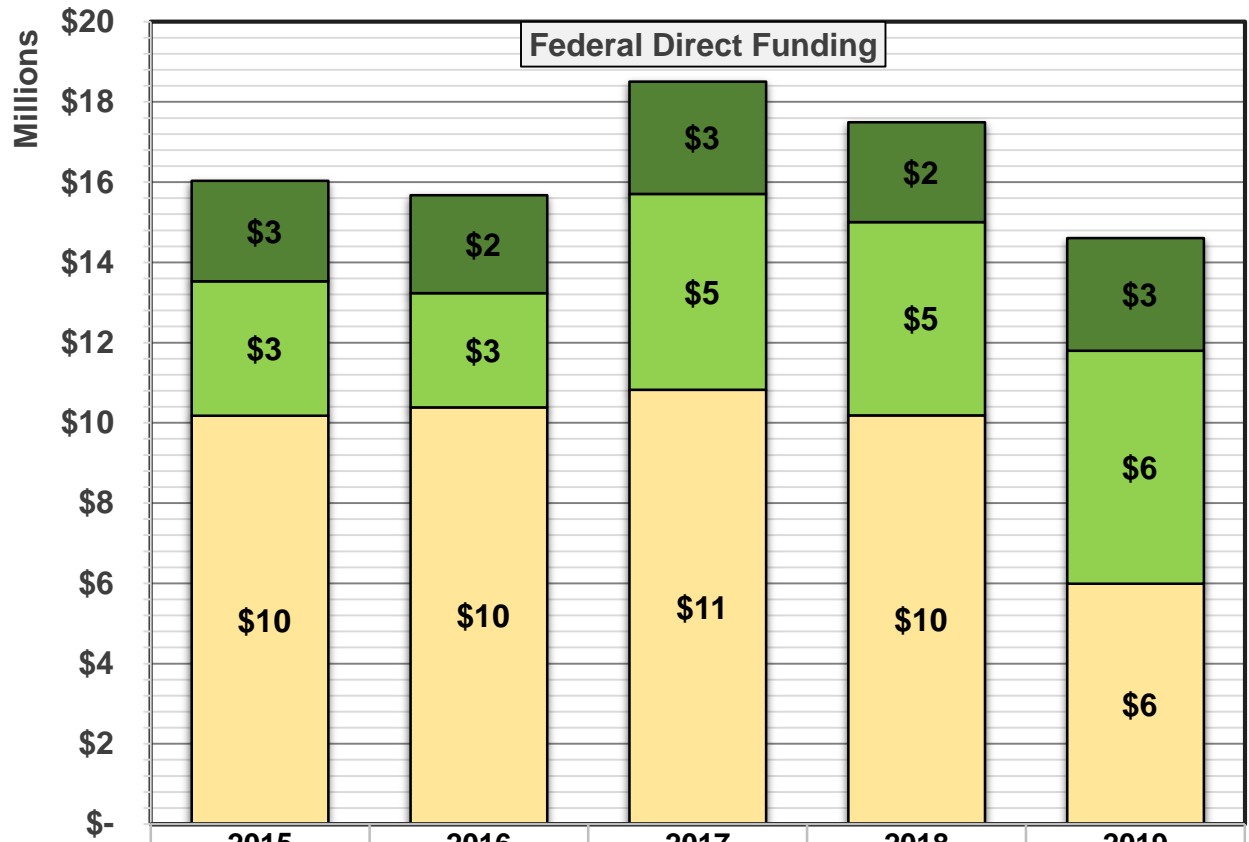
Research Funding by Fiscal Year



	2015	2016	2017	2018	2019
■ Federal Direct	\$16,035,110	\$15,672,277	\$18,506,197	\$17,490,691	\$14,605,812
■ Federal Flow Through	\$2,591,418	\$2,794,339	\$2,522,413	\$3,739,721	\$3,733,001
□ FL State and Local Government	\$706,728	\$844,174	\$978,282	\$432,834	\$616,043
□ Private Partnerships	\$5,742,094	\$3,719,588	\$3,779,021	\$1,357,786	\$1,333,361

College of Public Health

Federal Direct Funding by Fiscal Year

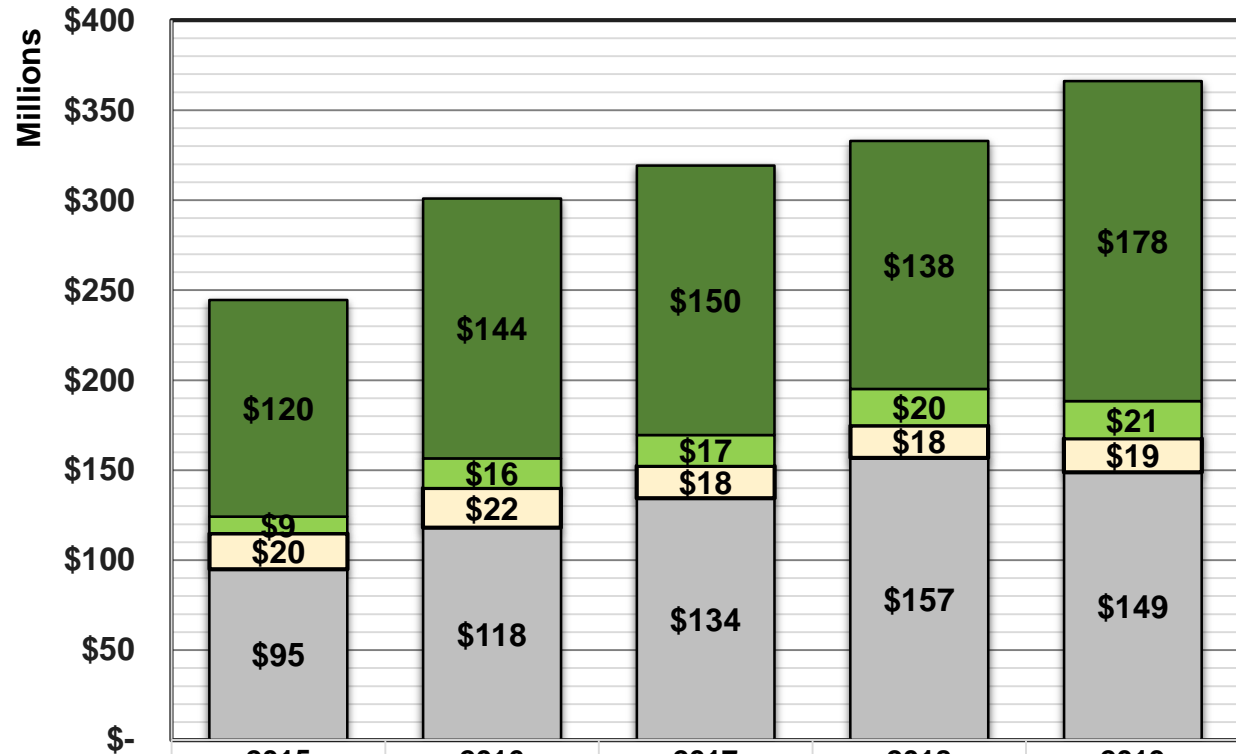


	2015	2016	2017	2018	2019
■ Other Federal Agencies	\$2,504,498	\$2,436,671	\$2,801,545	\$2,485,572	\$2,805,040
■ National Institutes of Health	\$3,355,735	\$2,851,997	\$4,882,773	\$4,820,506	\$5,810,498
■ DHHS (Non-NIH)	\$10,174,877	\$10,383,609	\$10,821,878	\$10,184,612	\$5,990,274

USF Health Summary

Research Funding by Fiscal Year

Morsani College of Medicine
 College of Nursing
 Taneja College of Pharmacy
 College of Public Health

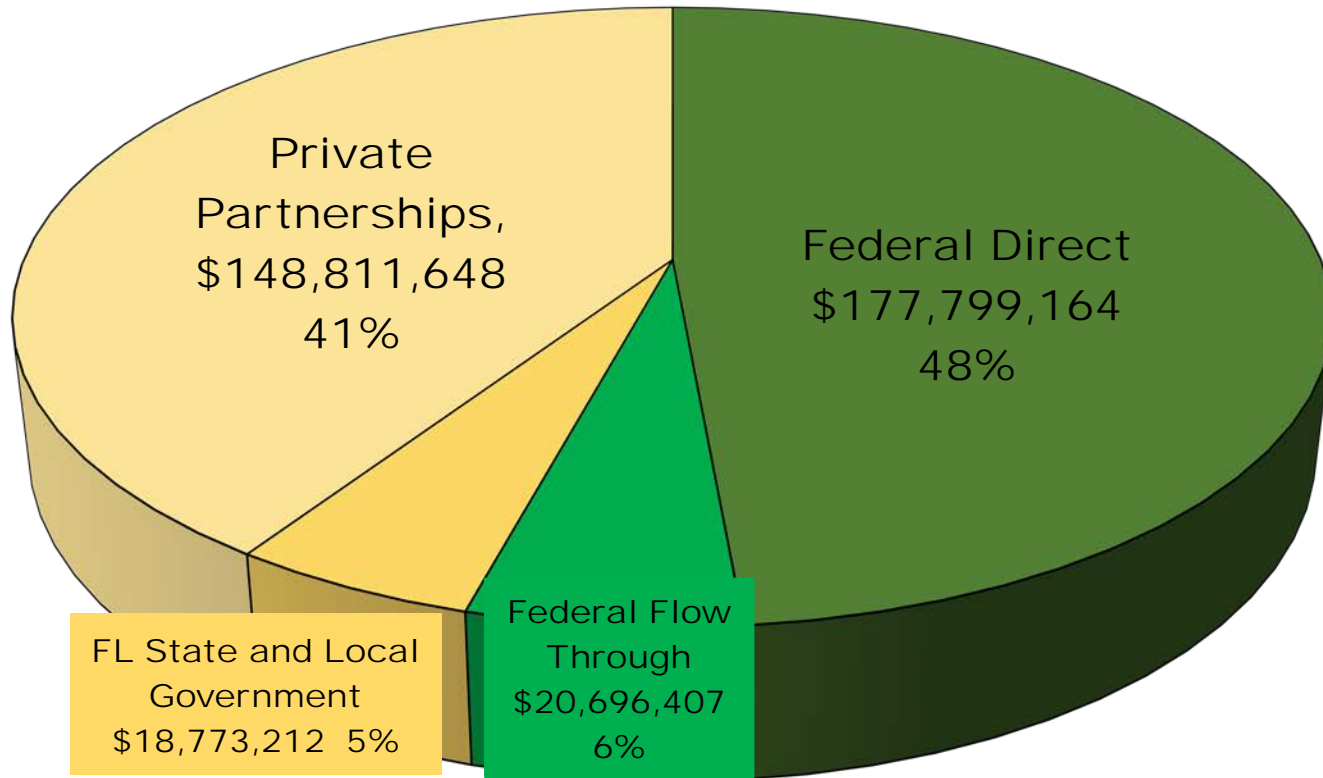


	2015	2016	2017	2018	2019
■ Federal Direct	\$120,441,088	\$144,445,783	\$149,671,629	\$137,887,826	\$177,799,164
■ Federal Flow Through	\$9,224,111	\$16,383,145	\$17,205,008	\$20,267,660	\$20,696,407
□ FL State and Local Government	\$19,885,625	\$22,046,421	\$17,907,764	\$18,025,736	\$18,773,212
□ Private Partnerships	\$95,014,740	\$118,042,184	\$134,445,949	\$156,816,828	\$148,811,648

USF Health

Research Funding By Source of Funds – FY2019

Morsani College of Medicine
College of Nursing
Taneja College of Pharmacy
College of Public Health

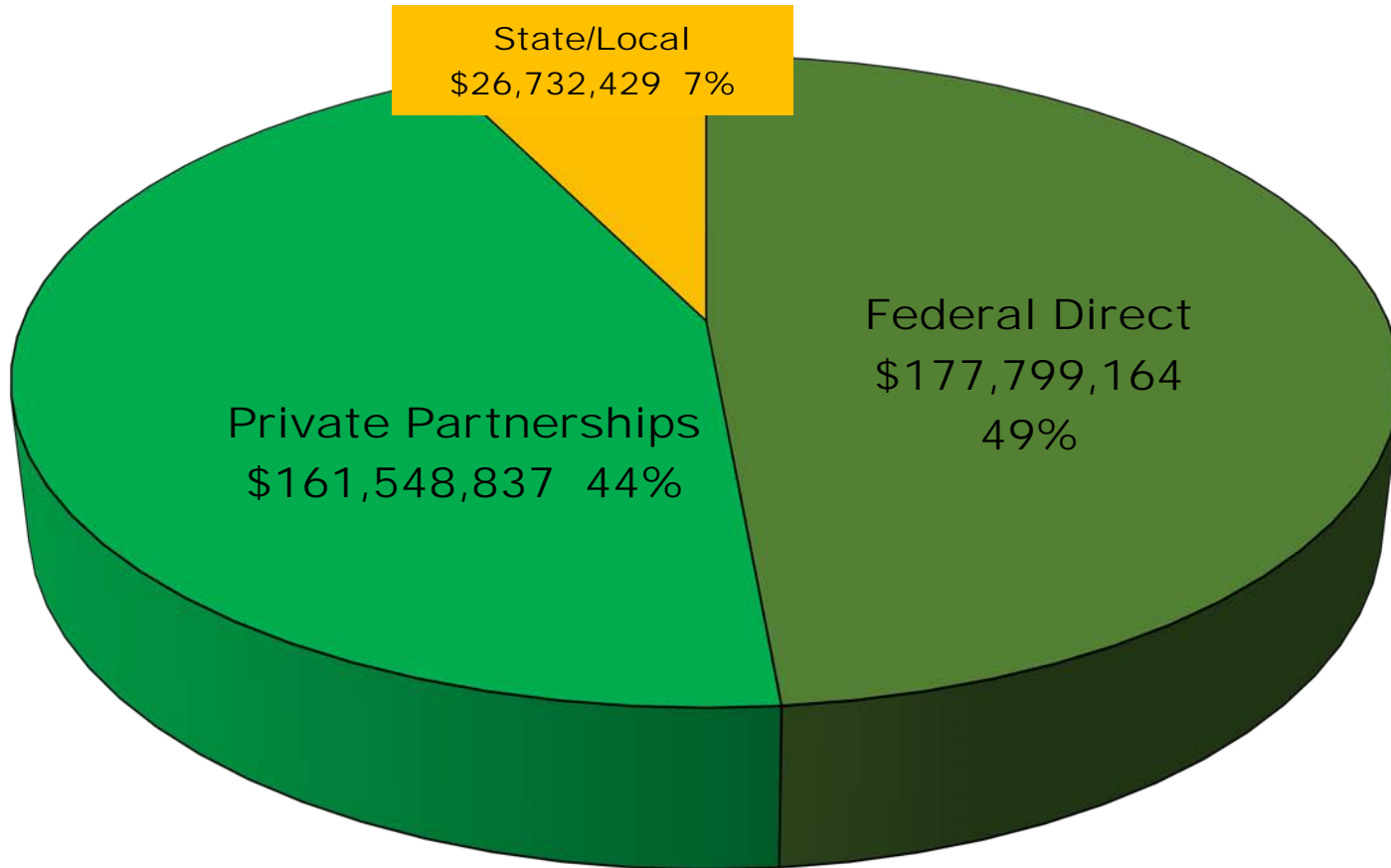


Federal Direct	Federal Flow Thru	FL State & Local Gov't	Private Partnerships	Total
\$177.8	\$20.7	\$18.8	\$148.8	\$366.1

USF Health

Research Funding By Funding Type - FY2019

Morsani College of Medicine
 College of Nursing
 Taneja College of Pharmacy
 College of Public Health



Federal Direct
\$177.8

State/Local
\$26.7

Private Partnerships
\$161.5

Grand Total
\$366.1

USF St. Petersburg

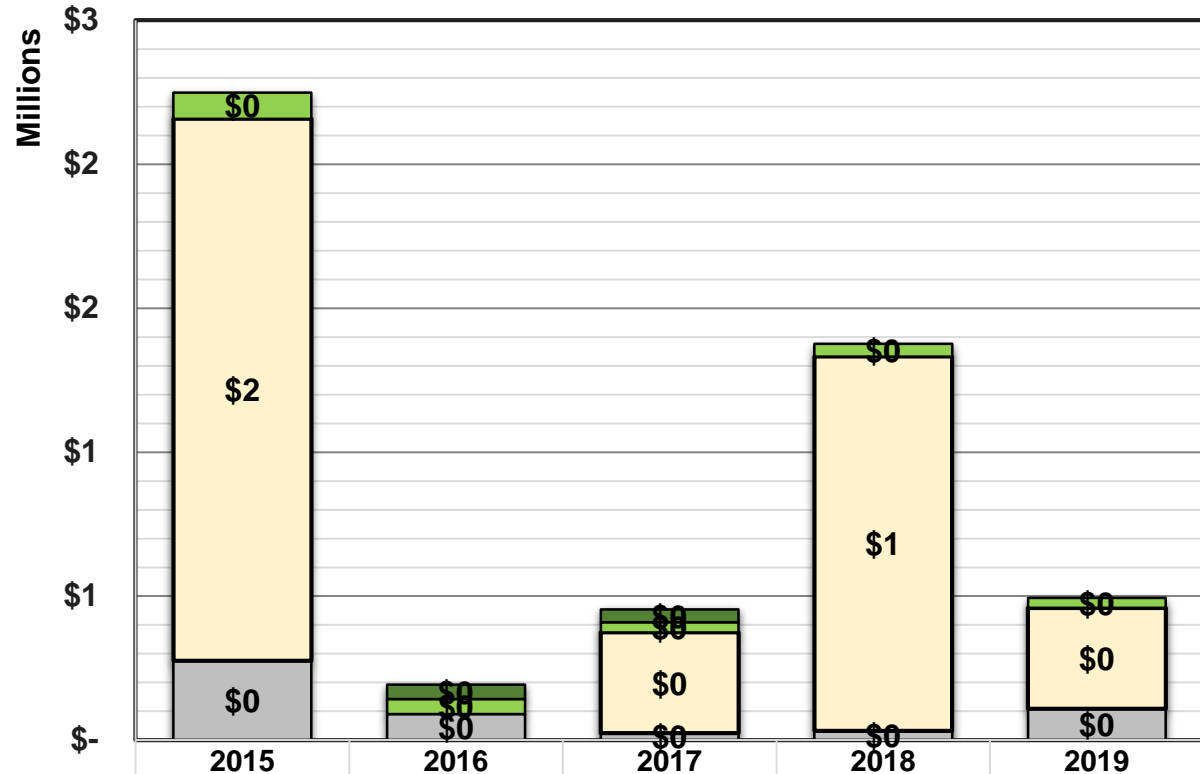
Research Funding by Fiscal Year



	2015	2016	2017	2018	2019
■ Federal Direct	\$621,200	\$682,258	\$1,151,884	\$1,142,260	\$1,178,393
■ Federal Flow Through	\$2,302,893	\$2,718,738	\$2,513,720	\$2,773,597	\$2,312,830
□ FL State and Local Government	\$2,254,016	\$595,998	\$1,296,410	\$1,284,191	\$3,015,433
□ Private Partnerships	\$1,176,501	\$307,086	\$985,570	\$416,546	\$582,119

USF Sarasota/Manatee

Research Funding by Fiscal Year



	2015	2016	2017	2018	2019
■ Federal Direct		\$49,383	\$45,197		
■ Federal Flow Through	\$91,000	\$52,500	\$35,000	\$43,750	\$35,000
□ FL State and Local Government	\$1,882,600		\$350,000	\$1,300,000	\$350,000
□ Private Partnerships	\$275,303	\$90,537	\$24,000	\$32,000	\$108,903