

Cornell University
Office of the Vice Provost for Research

RESEARCH EXPENDITURES

July 1, 2007 - June 30, 2008

CORNELL UNIVERSITY
RESEARCH EXPENDITURES

JULY 1, 2007 - JUNE 30, 2008

TABLE I

	SPONSORED RESEARCH			APPROPRIATED RESEARCH			CORNELL	TOTAL RESEARCH	
	Federal Government	Non-Federal	Subtotal Sponsored	NY State	Federal Government	Subtotal Appropriated	Cornell Support ***	Total Research	Percent of Total
ENDOWED UNITS (ITH)									
Arts & Sciences *	\$62,066,953	\$10,213,692	\$72,280,645			\$0	\$18,955,123	\$91,235,768	13.7
Engineering	45,339,825	21,019,252	66,359,077			0	12,741,053	\$79,100,130	11.8
Research Centers ****	47,993,019	4,976,072	52,969,091			0	11,939,719	\$64,908,810	9.7
Other Colleges & Units **	644,560	1,113,771	1,758,331			0	429,455	\$2,187,786	0.3
TOTAL ENDOWED	156,044,357	37,322,787	193,367,144	0	0	0	44,065,350	\$237,432,494	35.5
CONTRACT COLLEGE UNITS (ITH)									
Agriculture & Life Sciences	46,248,882	29,721,319	75,970,201	37,623,625	7,366,186	44,989,811	30,790,694	\$151,750,706	22.7
Veterinary Medicine	25,010,490	6,502,988	31,513,478	10,606,725	902,801	11,509,526	6,819,908	\$49,842,912	7.5
Human Ecology	5,329,448	2,602,741	7,932,189	4,583,185	278,101	4,861,286	1,549,103	\$14,342,578	2.1
Nutritional Sciences	4,221,787	1,264,897	5,486,684	1,381,570	808,773	2,190,343	1,553,917	\$9,230,944	1.4
Industrial & Labor Relations	1,588,425	1,145,027	2,733,452	830,939		830,939	2,582,439	\$6,146,830	0.9
TOTAL CONTRACT	82,399,032	41,236,972	123,636,004	55,026,044	9,355,861	64,381,905	43,296,061	\$231,313,970	34.6
TOTAL ITHACA	238,443,389	78,559,759	317,003,148	55,026,044	9,355,861	64,381,905	87,361,411	\$468,746,464	70.1
MEDICAL COLLEGE (NYC)	130,096,810	33,269,765	163,366,575			0	36,114,416	\$199,480,991	29.9
TOTAL RESEARCH EXPENDITURES	\$368,540,199	\$111,829,524	\$480,369,723	\$55,026,044	\$9,355,861	\$64,381,905	\$123,475,827	\$668,227,455	100.0
PERCENTAGE OF GRAND TOTAL	55.2	16.7	71.9	8.2	1.4	9.6	18.5	100.0	

* Includes Center for Radiophysics and Space Research (CRSR), Laboratory of Atomic and Solid State Physics (LASSP), and Laboratory for Elementary-Particle Physics (LEPP)

** Includes Academic Programs, Architecture Art and Planning, Computing and Information Science, Hotel Administration, Johnson Graduate School of Management, Law, Provost

*** Consistent with NSF reporting guidelines, University support includes: institutional cost sharing, GRA tuition fellowships, University seed research grants, unrecovered facilities & administrative costs, and organized research allocation of NYS-funded employee benefits

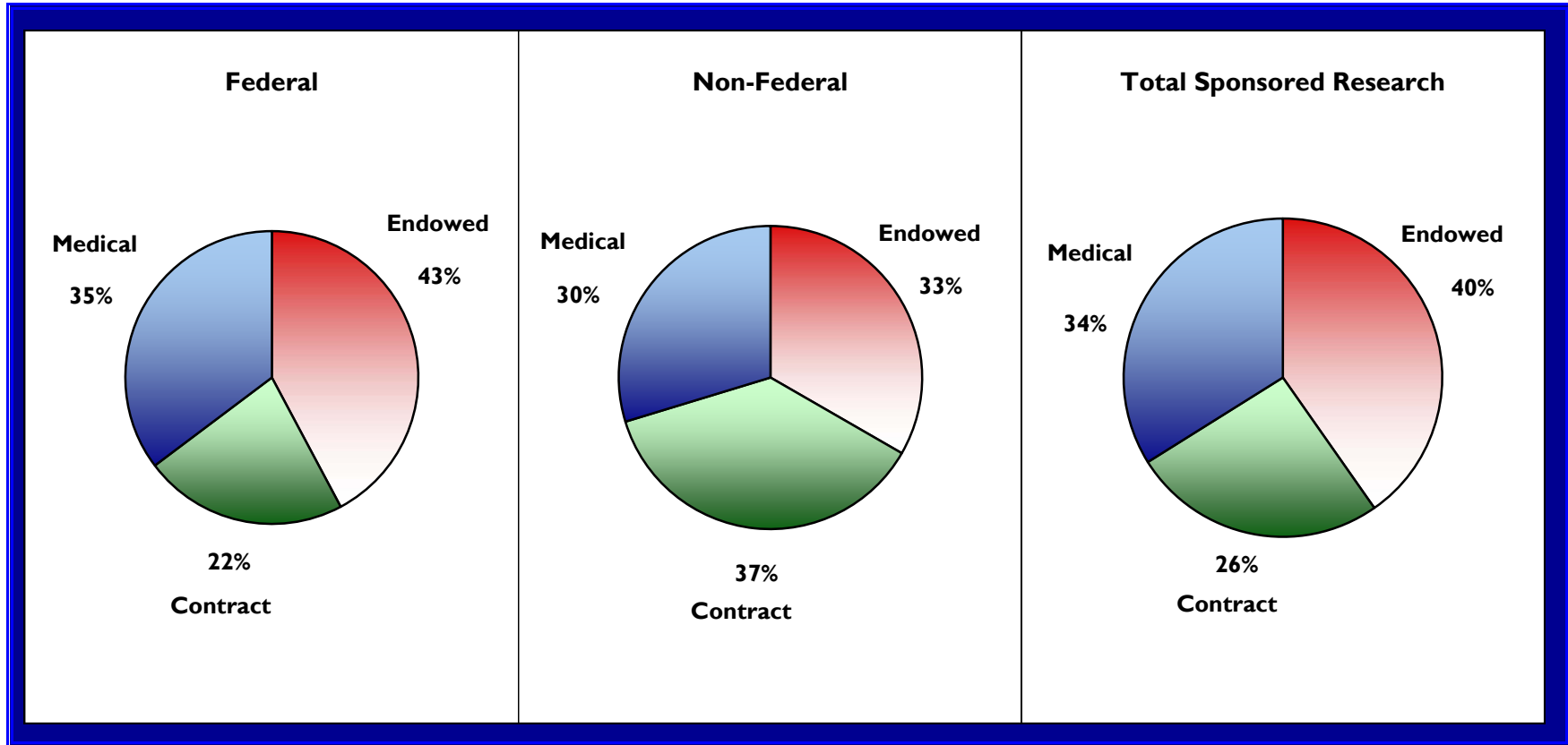
**** The research expenditures in the Research Centers were predominately, but certainly not exclusively, directed by faculty members with appointments in Engineering and Arts & Sciences

CORNELL UNIVERSITY

SPONSORED RESEARCH EXPENDITURES BY DIVISION

FISCAL YEAR 2008

CHART I

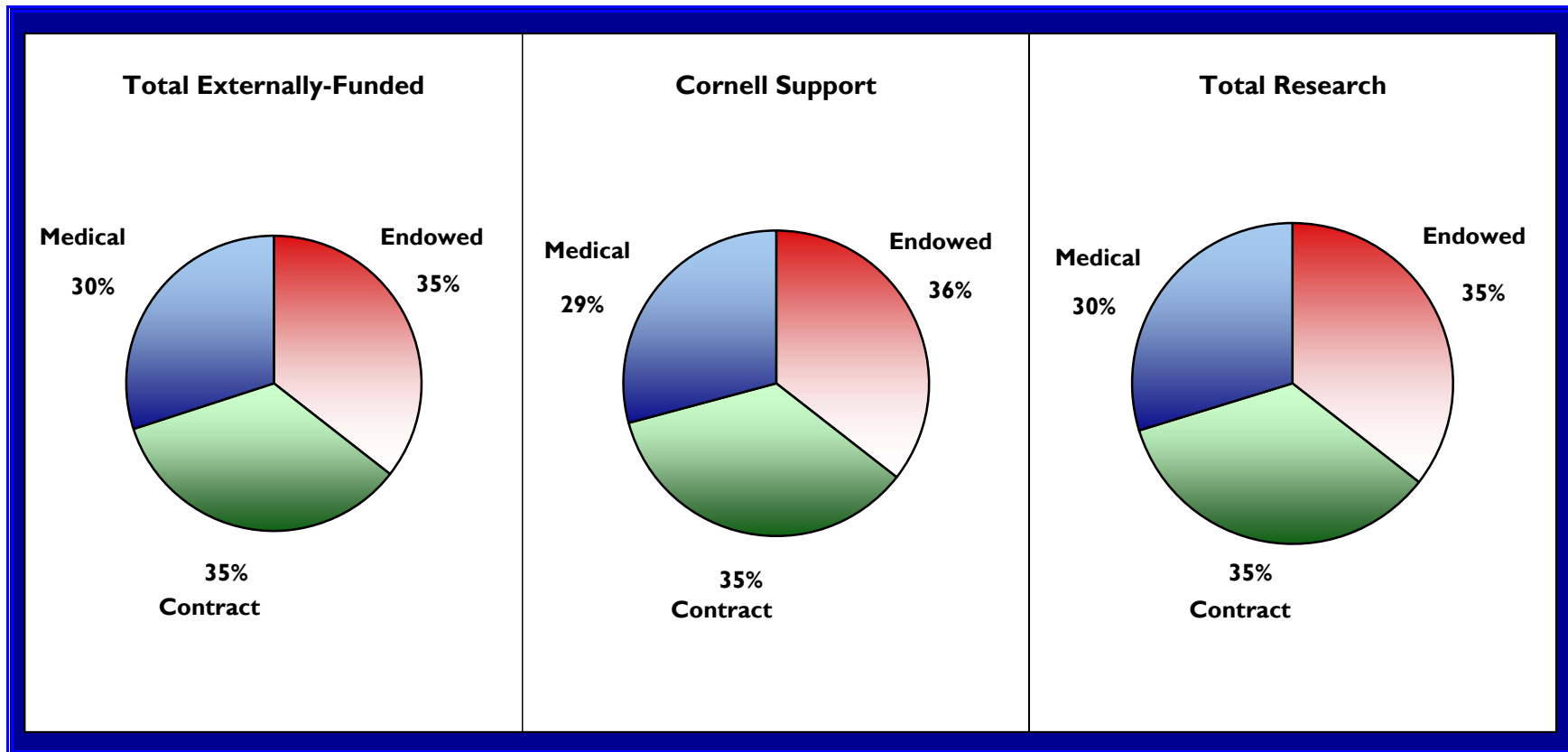


CORNELL UNIVERSITY

RESEARCH EXPENDITURES BY DIVISION

FISCAL YEAR 2008

CHART 2



CORNELL UNIVERSITY
RESEARCH EXPENDITURES
COMPARISON WITH PRIOR YEAR
FISCAL YEARS 2007 & 2008

TABLE 2

	FEDERAL SPONSORED		%	NON-FEDERAL SPONSORED		%	APPROPRIATED		%
	FY 2007	FY 2008	Chg	FY 2007	FY 2008	Chg	FY 2007	FY 2008	Chg
ENDOWED UNITS	\$158,667,785	\$156,044,357	-1.7	\$32,811,445	\$37,322,787	13.7	\$0	\$0	
CONTRACT COLLEGE UNITS	92,653,058	82,399,032	-11.1	35,401,095	41,236,972	16.5	60,086,046	64,381,905	7.1
MEDICAL COLLEGE	131,594,832	130,096,810	-1.1	30,127,532	33,269,765	10.4	0	0	
TOTAL EXPENDITURES	\$382,915,675	\$368,540,199	-3.8	\$98,340,072	\$111,829,524	13.7	\$60,086,046	64,381,905	7.1

	TOTAL EXTERNALLY-FUNDED		%	CORNELL SUPPORT		%	TOTAL RESEARCH		%
	FY 2007	FY 2008	Chg	FY 2007	FY 2008	Chg	FY 2007	FY 2008	Chg
ENDOWED UNITS	\$191,479,230	\$193,367,144	1.0	\$37,166,710	\$44,065,350	18.6	\$228,645,940	\$237,432,494	3.8
CONTRACT COLLEGE UNITS	188,140,199	188,017,909	-0.1	44,731,921	43,296,061	-3.2	\$232,872,120	\$231,313,970	-0.7
MEDICAL COLLEGE	161,722,364	163,366,575	1.0	36,141,791	36,114,416	-0.1	\$197,864,155	\$199,480,991	0.8
TOTAL EXPENDITURES	\$541,341,793	\$544,751,628	0.6	\$118,040,422	\$123,475,827	4.6	\$659,382,215	\$668,227,455	1.3

CORNELL UNIVERSITY

SPONSORED RESEARCH EXPENDITURES - FEDERAL AGENCIES

JULY 1, 2007 - JUNE 30, 2008

TABLE 3

	DHHS	NSF	Dept of Agriculture	Dept of Defense	NASA ***	Dept of Energy	AID	All Others	Total Federal
ENDOWED UNITS (ITH)									
Arts & Sciences *	\$14,998,699	\$33,759,435	\$276,951	\$544,458	\$9,253,027	\$2,546,396		\$687,987	\$62,066,953
Research Centers	2,220,214	43,012,417	151,069	186,741	84,506	835,605		1,502,467	\$47,993,019
Engineering	4,682,417	22,370,746	156,415	12,558,887	960,683	3,615,921		994,757	\$45,339,826
Other Colleges & Units **	127,804	506,273						10,482	\$644,559
TOTAL ENDOWED	22,029,134	99,648,871	584,435	13,290,086	10,298,216	6,997,922	0	3,195,693	\$156,044,357
CONTRACT COLLEGE UNITS (ITH)									
Agriculture & Life Sciences	11,324,570	14,686,656	13,605,191	562,633	300,599	197,383	2,601,000	2,970,850	\$46,248,882
Veterinary Medicine	22,503,352	812,088	1,004,281	23,024				667,746	\$25,010,491
Human Ecology	4,475,293	551,845						302,310	\$5,329,448
Nutritional Sciences	2,949,355		1,033,364				220,829	18,238	\$4,221,786
Industrial & Labor Relations	264,177	2,896						1,321,350	\$1,588,423
TOTAL CONTRACT	41,516,747	16,053,485	15,642,836	585,657	300,599	197,383	2,821,829	5,280,494	\$82,399,030
TOTAL ITHACA	63,545,881	115,702,356	16,227,271	13,875,743	10,598,815	7,195,305	2,821,829	8,476,187	\$238,443,387
MEDICAL COLLEGE (NYC)	127,246,656	297,411		2,552,743					\$130,096,810
TOTAL FEDERAL EXPENDITURES	\$190,792,537	\$115,999,767	\$16,227,271	\$16,428,486	\$10,598,815	\$7,195,305	\$2,821,829	\$8,476,187	\$368,540,197
PERCENTAGE OF GRAND TOTAL	28.6	17.4	2.4	2.5	1.6	1.1	0.4	1.3	55.2

* Includes Center for Radiophysics and Space Research (CRSR), Laboratory of Atomic and Solid State Physics (LASSP), and Laboratory for Elementary-Particle Physics (LEPP)

** Includes Academic Programs, Architecture Art and Planning, Computing and Information Science, Hotel Administration, Johnson Graduate School of Management, Law, Provost

*** NASA includes JPL funds under subcontract

CORNELL UNIVERSITY

SPONSORED RESEARCH EXPENDITURES - NON-FEDERAL SOURCES

JULY 1, 2007 - JUNE 30, 2008

TABLE 4

	State & Local Governments	Corporations & Trade Assoc.	Foundations	Non-Profit Organizations ***	All Other Non-Federal	Total Non-Federal
ENDOWED UNITS (ITH)						
Engineering	\$2,744,636	\$6,555,198	\$811,963	\$10,230,823	\$676,632	\$21,019,252
Arts & Sciences *	128,239	1,013,614	965,064	8,056,645	50,130	\$10,213,692
Research Centers	2,816,616	221,847	2,026	1,704,679	230,904	\$4,976,072
Other Colleges & Units **	521,775	388,522	20,198	145,145	38,130	\$1,113,770
TOTAL ENDOWED	6,211,266	8,179,181	1,799,251	20,137,292	995,796	\$37,322,786
CONTRACT COLLEGE UNITS (ITH)						
Agriculture & Life Sciences	9,074,494	4,762,811	2,610,021	13,010,175	263,818	\$29,721,319
Veterinary Medicine	1,411,391	1,512,617	1,077,428	2,452,331	49,221	\$6,502,988
Human Ecology	459,499	329,700	502,088	1,260,543	50,911	\$2,602,741
Nutritional Sciences		448,513	12,480	803,903		\$1,264,896
Industrial & Labor Relations	33,507	178,247	520,103	255,072	158,097	\$1,145,026
TOTAL CONTRACT	10,978,891	7,231,888	4,722,120	17,782,024	522,047	\$41,236,970
TOTAL ITHACA	17,190,157	15,411,069	6,521,371	37,919,316	1,517,843	\$78,559,756
MEDICAL COLLEGE (NYC)	3,258,942	10,536,098	19,474,724			\$33,269,764
TOTAL NON-FEDERAL EXPENDITURES	\$20,449,099	\$25,947,167	\$25,996,095	\$37,919,316	\$1,517,843	\$111,829,520
PERCENTAGE OF GRAND TOTAL	3.1	3.9	3.9	5.7	0.2	16.7

* Includes Center for Radiophysics and Space Research (CRSR), Laboratory of Atomic and Solid State Physics (LASSP), and Laboratory for Elementary-Particle Physics (LEPP)

** Includes Academic Programs, Architecture Art and Planning, Computing and Information Science, Hotel Administration, Johnson Graduate School of Management, Law, Provost

*** Includes sub-awards of federal funds from other universities, national labs, non-government organizations, etc.

CORNELL UNIVERSITY

SPONSORED RESEARCH EXPENDITURES - FEDERAL AGENCIES COMPARISON WITH PRIOR YEAR FISCAL YEARS 2007 & 2008

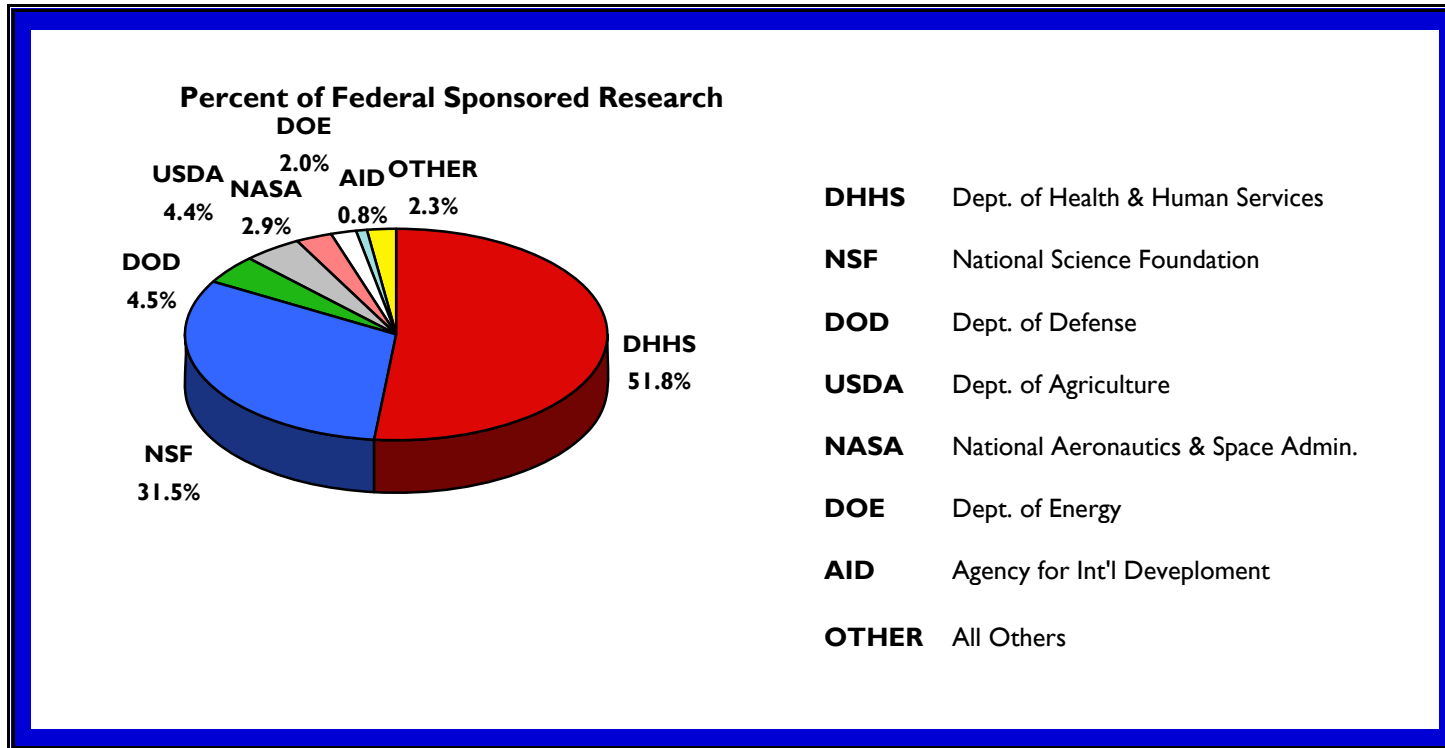
TABLE 5

Federal Agency	FY 2007	Percent Fed Spons	FY 2008	Percent Fed Spons	% Change in Amount
Department of Health & Human Services	\$195,854,859	51.1	\$190,792,537	51.8	-2.6
National Science Foundation	121,579,207	31.8	115,999,767	31.5	-4.6
Department of Defense	16,130,344	4.2	16,428,486	4.5	1.8
Department of Agriculture	19,447,321	5.1	16,227,271	4.4	-16.6
NASA *	11,386,271	3.0	10,598,815	2.9	-6.9
Department of Energy	6,460,269	1.7	7,195,305	2.0	11.4
Agency for Int'l Development	3,698,999	1.0	2,821,829	0.8	-23.7
All Others	8,358,408	2.2	8,476,187	2.3	1.4
TOTAL FEDERAL SPONSORED RESEARCH	\$382,915,678	100.0	\$368,540,197	100.0	-3.8

* NASA includes JPL funds under subcontract

CORNELL UNIVERSITY
SPONSORED RESEARCH EXPENDITURES
BY FEDERAL AGENCY
FISCAL YEAR 2008

CHART 3



CORNELL UNIVERSITY

RESEARCH EXPENDITURES - NON-FEDERAL SPONSORED, APPROPRIATED RESEARCH & CORNELL SUPPORT COMPARISON WITH PRIOR YEAR FISCAL YEARS 2007 & 2008

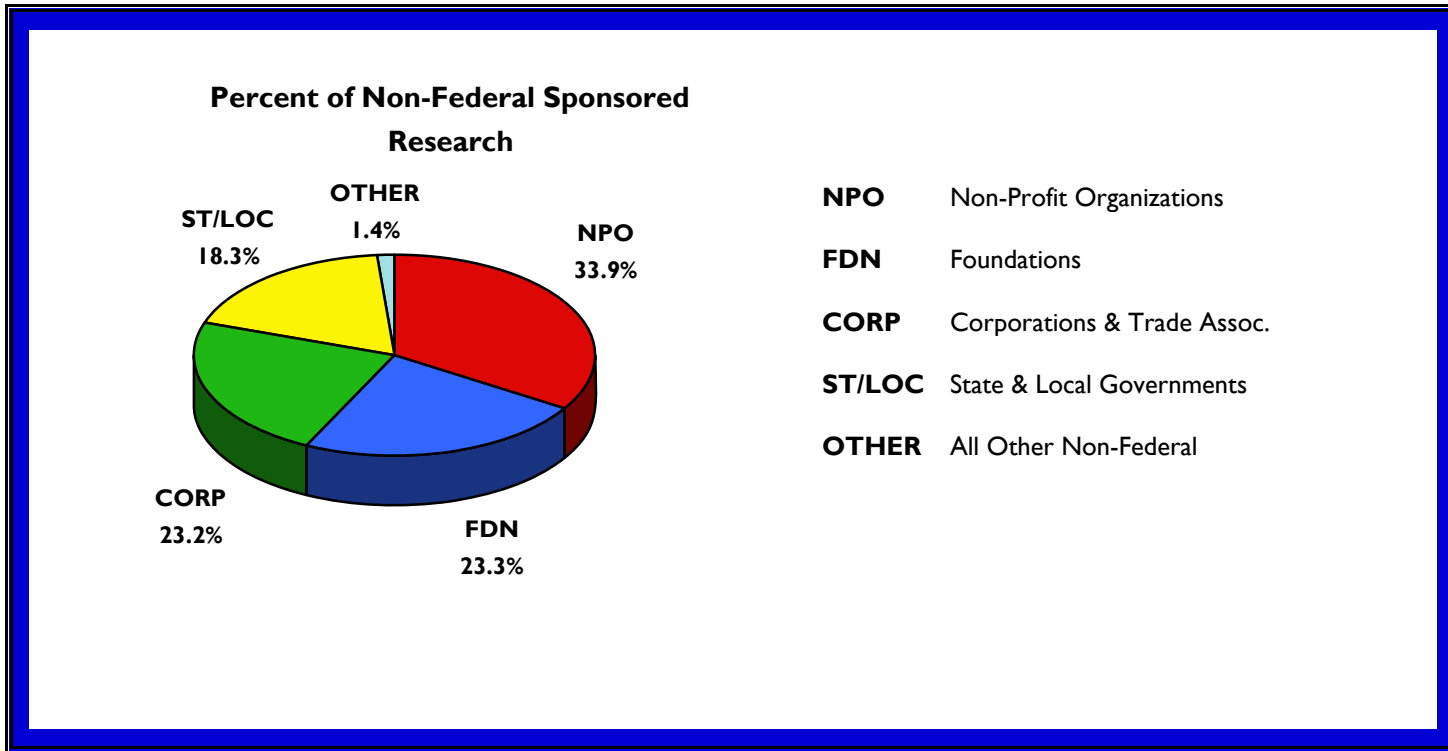
TABLE 6

Funding Source	FY 2007	Percent To Total	FY 2008	Percent To Total	% Change in Amount
NON-FEDERAL SPONSORED					
Non-Profit Organizations *	\$35,584,782	12.9	\$37,919,316	12.7	6.6
Foundations	20,071,318	7.3	25,996,095	8.7	29.5
Corporations & Trade Associations	23,655,363	8.6	25,947,167	8.7	9.7
State & Local Governments	17,764,370	6.4	20,449,099	6.8	15.1
All Other Federal	1,264,238	0.5	1,517,843	0.5	20.1
APPROPRIATED RESEARCH					
NY State Appropriations	54,215,579	19.6	55,026,044	18.4	1.5
Federal Appropriations	5,870,469	2.1	9,355,861	3.1	59.4
CORNELL SUPPORT	\$118,040,422	42.7	\$123,475,827	41.2	4.6
TOTAL NON-FEDERAL SPONSORED, APPROPRIATED RESEARCH & CORNELL SUPPORT	\$276,466,541	100.0	\$299,687,252	100.0	8.4

* Includes sub-awards of federal funds from other universities, national labs, non-government organizations, etc.

CORNELL UNIVERSITY
SPONSORED RESEARCH EXPENDITURES
BY NON-FEDERAL SOURCES
FISCAL YEAR 2008

CHART 4



CORNELL UNIVERSITY
TOTAL RESEARCH EXPENDITURES - BY DISCIPLINE
FISCAL YEARS 2007 & 2008

TABLE 7

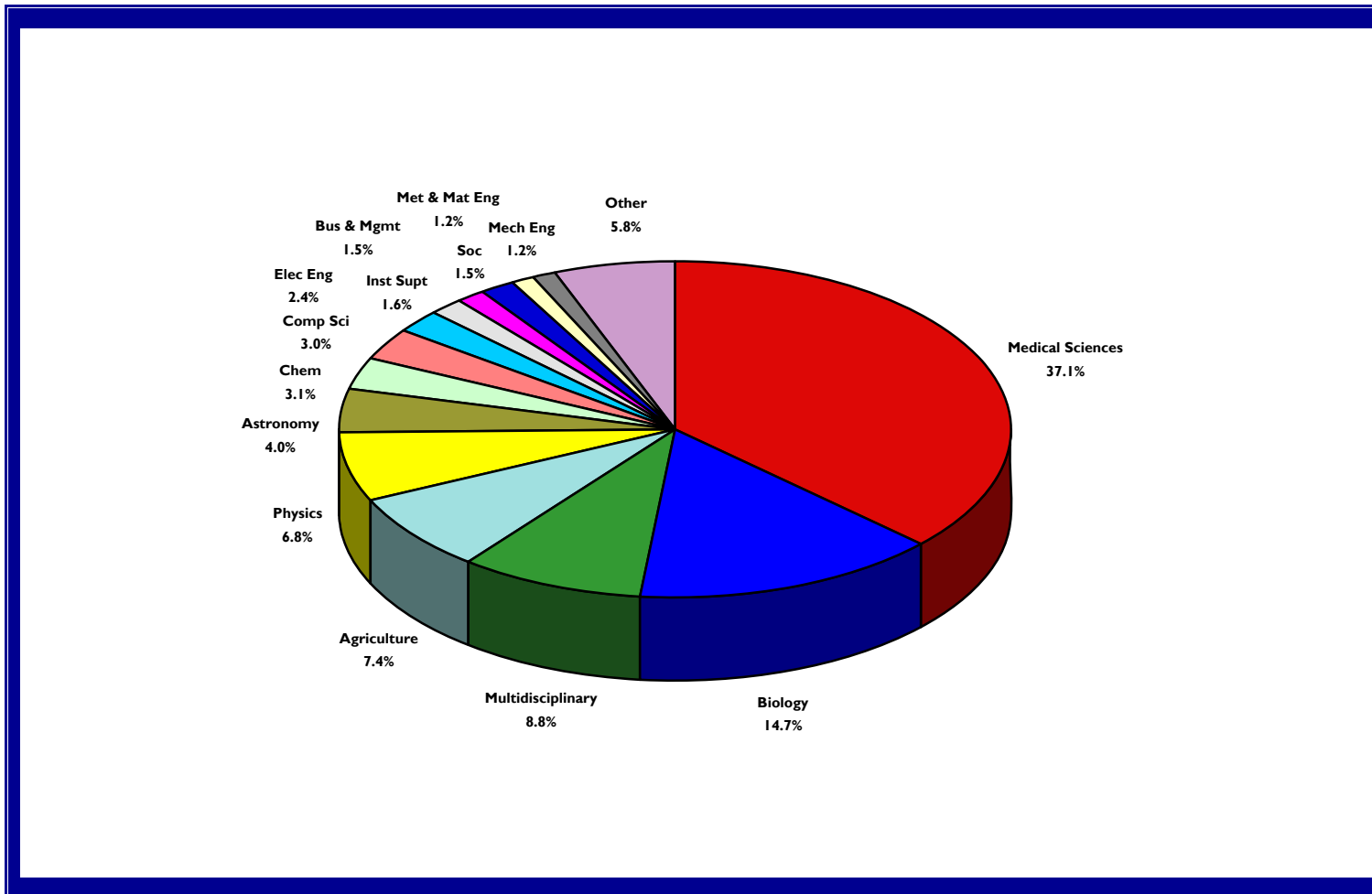
Discipline *	FY 2007	Percent of Total	FY 2008	Percent of Total	% Change in Amount
Medical Sciences	\$245,094,210	37.2	\$247,622,708	37.1	1.0
Biology	97,518,646	14.8	98,354,092	14.7	0.9
Multidisciplinary	57,332,948	8.7	58,542,052	8.8	2.1
Agriculture	50,602,206	7.7	49,543,549	7.4	-2.1
Physics	44,183,017	6.7	45,729,724	6.8	3.5
Astronomy	28,457,346	4.3	26,892,230	4.0	-5.5
Chemistry	18,380,376	2.8	20,525,753	3.1	11.7
Computer Sciences	23,304,490	3.5	19,935,131	3.0	-14.5
Electrical Engineering	14,207,766	2.2	15,975,332	2.4	12.4
Institutional & College Research Support **	9,158,653	1.4	10,723,724	1.6	17.1
Business & Management	9,925,396	1.5	9,985,119	1.5	0.6
Sociology	10,904,822	1.7	9,917,655	1.5	-9.1
Metallurgical and Materials Engineering	6,161,009	0.9	7,835,227	1.2	27.2
Mechanical Engineering	7,517,553	1.1	7,757,739	1.2	3.2
Civil Engineering	6,923,439	1.0	6,911,836	1.0	-0.2
Earth Sciences	5,823,300	0.9	6,157,707	0.9	5.7
Economics	6,028,669	0.9	5,540,388	0.8	-8.1
Mathematical Sciences	4,995,414	0.8	5,250,210	0.8	5.1
Chemical Engineering	5,121,793	0.8	5,083,519	0.8	-0.7
Psychology	4,277,527	0.6	4,243,146	0.6	-0.8
Bioengineering-Biomedical Engineering	1,251,818	0.2	2,755,131	0.4	120.1
Communication, Journalism, and Library Sciences	891,202	0.1	1,300,450	0.2	45.9
Humanities	595,115	0.1	916,058	0.1	53.9
Political Sciences	262,652	0.0	359,326	0.1	36.8
Oceanography	214,493	0.0	270,416	0.0	26.1
Law	245,130	0.0	90,286	0.0	-63.2
Visual and Performing Arts	3,229	0.0	8,943	0.0	177.0
TOTAL RESEARCH EXPENDITURES	\$659,382,219	100.0	\$668,227,451	100.0	1.3

* Department discipline code mapping available at <http://www.research.cornell.edu/vpr/ResExp/ResExpDisciplines2008.xls>

** Expenses incurred at the administrative unit level in support of research

CORNELL UNIVERSITY
TOTAL RESEARCH EXPENDITURES BY DISCIPLINE
FISCAL YEAR 2008

CHART 5

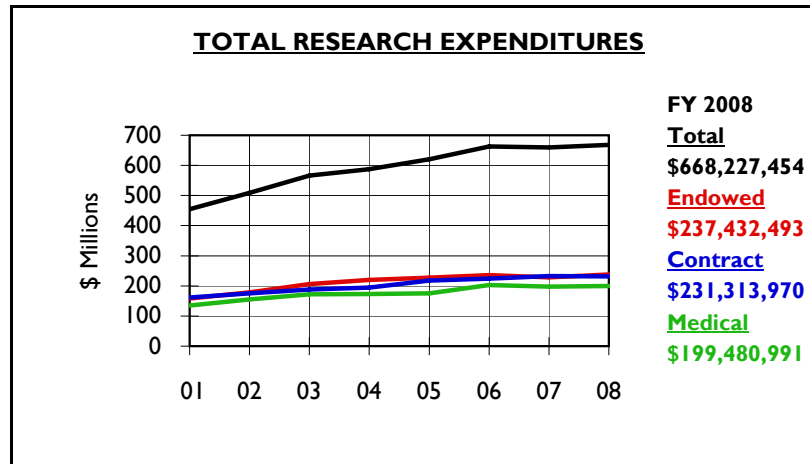
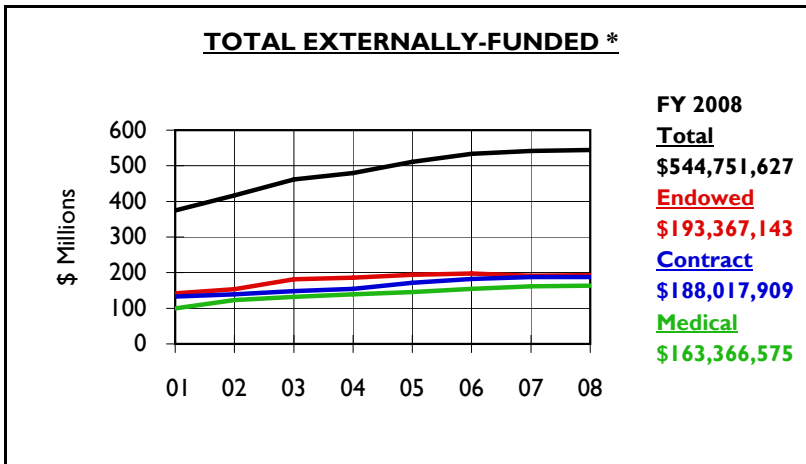
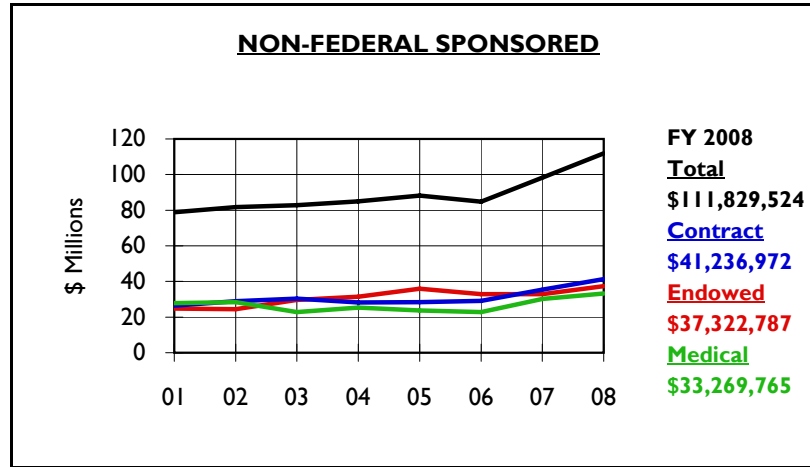
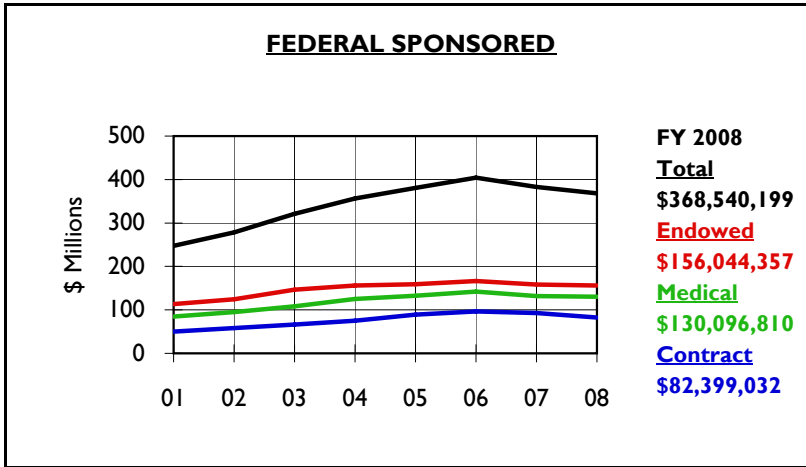


CORNELL UNIVERSITY

TRENDS IN RESEARCH EXPENDITURES

FISCAL YEARS 2001 TO 2008

CHART 6



* Includes federal, state, corporate, foundation, non-profit sponsored research awards, and federal & state appropriations

CORNELL UNIVERSITY

TRENDS IN RESEARCH EXPENDITURES

FISCAL YEARS 2001 TO 2008

CHART 7

