

Cornell University  
Office of the Vice Provost for Research

# **RESEARCH EXPENDITURES**

**July 1, 2006 - June 30, 2007**

# CORNELL UNIVERSITY

## RESEARCH EXPENDITURES

JULY 1, 2006 - JUNE 30, 2007

TABLE I

	SPONSORED RESEARCH			BUDGETED RESEARCH				TOTAL RESEARCH	
	Federal Government	Non-Federal	Subtotal Sponsored	Cornell **	NY State	Federal Government	Subtotal Budgeted	Total Research	Percent of Total
<b>ENDOWED UNITS (ITH)</b>									
Arts & Sciences *	\$64,464,226	\$8,674,765	\$73,138,991	\$16,593,362			\$16,593,362	\$89,732,353	13.6
Engineering	45,151,216	17,716,320	62,867,536	10,139,988			10,139,988	\$73,007,524	11.1
Research Centers & All Other Colleges	49,052,343	6,420,360	55,472,703	10,433,360			10,433,360	\$65,906,063	10.0
<b>TOTAL ENDOWED</b>	<b>158,667,785</b>	<b>32,811,445</b>	<b>191,479,230</b>	<b>37,166,710</b>	<b>0</b>	<b>0</b>	<b>37,166,710</b>	<b>\$228,645,940</b>	<b>34.7</b>
<b>CONTRACT COLLEGE UNITS (ITH)</b>									
Agriculture & Life Sciences	52,609,847	23,613,719	76,223,566	32,273,842	37,425,771	4,779,064	74,478,677	\$150,702,243	22.9
Veterinary Medicine	25,289,679	6,162,010	31,451,689	6,061,081	10,878,922	672,342	17,612,345	\$49,064,034	7.4
Human Ecology	6,302,610	3,645,233	9,947,843	2,455,374	4,157,214	225,583	6,838,171	\$16,786,014	2.5
Nutritional Sciences	6,891,863	1,520,317	8,412,180	1,302,783	1,050,437	193,480	2,546,700	\$10,958,880	1.7
Industrial & Labor Relations	1,559,059	459,815	2,018,874	2,638,841	703,235		3,342,076	\$5,360,950	0.8
<b>TOTAL CONTRACT</b>	<b>92,653,058</b>	<b>35,401,094</b>	<b>128,054,152</b>	<b>44,731,921</b>	<b>54,215,579</b>	<b>5,870,469</b>	<b>104,817,969</b>	<b>\$232,872,121</b>	<b>35.3</b>
<b>TOTAL ITHACA</b>	<b>251,320,843</b>	<b>68,212,539</b>	<b>319,533,382</b>	<b>81,898,631</b>	<b>54,215,579</b>	<b>5,870,469</b>	<b>141,984,679</b>	<b>\$461,518,061</b>	<b>70.0</b>
<b>MEDICAL COLLEGE (NYC)</b>	<b>131,594,832</b>	<b>30,127,532</b>	<b>161,722,364</b>	<b>36,141,791</b>			<b>36,141,791</b>	<b>\$197,864,155</b>	<b>30.0</b>
<b>TOTAL RESEARCH EXPENDITURES</b>	<b>\$382,915,675</b>	<b>\$98,340,071</b>	<b>\$481,255,746</b>	<b>\$118,040,422</b>	<b>\$54,215,579</b>	<b>\$5,870,469</b>	<b>\$178,126,470</b>	<b>\$659,382,216</b>	<b>100.0</b>
<b>PERCENTAGE OF GRAND TOTAL</b>	<b>58.1</b>	<b>14.9</b>	<b>73.0</b>	<b>17.9</b>	<b>8.2</b>	<b>0.9</b>	<b>27.0</b>	<b>100.0</b>	

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

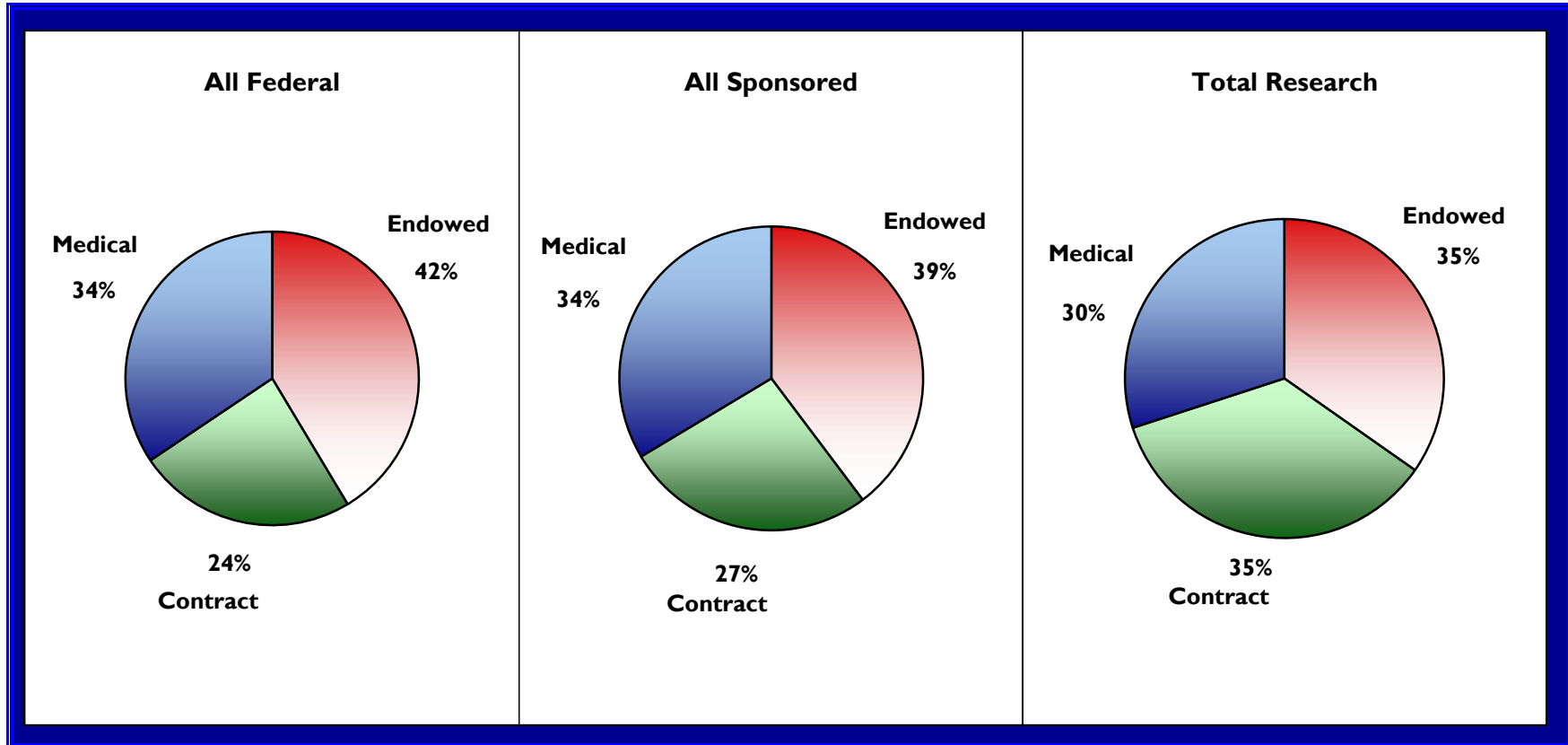
\*\* Consistent with NSF reporting guidelines, University support includes: institutional cost sharing, GRA tuition fellowships, University seed research grants, unrecovered facilities & administrative costs, and organized research allocation of NYS-funded employee benefits

# **CORNELL UNIVERSITY**

## **RESEARCH EXPENDITURES BY DIVISION**

**FISCAL YEAR 2007**

**CHART I**



# CORNELL UNIVERSITY

## SPONSORED RESEARCH EXPENDITURES - FEDERAL AGENCIES

JULY 1, 2006 - JUNE 30, 2007

TABLE 2

	DHHS	NSF	Dept of Agriculture	Dept of Defense	NASA **	Dept of Energy	AID	All Others	Total Federal
<b>ENDOWED UNITS (ITH)</b>									
Arts & Sciences *	\$14,971,546	\$36,447,866	\$149,819	\$551,899	\$9,765,260	\$2,162,248		\$415,589	\$64,464,227
Engineering	4,887,443	22,973,469	292,299	12,523,303	1,174,365	2,764,936		535,402	\$45,151,217
Research Centers & All Other Colleges	2,373,759	42,986,327	238,801		89,967	1,117,452		2,246,038	\$49,052,344
<b>TOTAL ENDOWED</b>	<b>22,232,748</b>	<b>102,407,662</b>	<b>680,919</b>	<b>13,075,202</b>	<b>11,029,592</b>	<b>6,044,636</b>	<b>0</b>	<b>3,197,029</b>	<b>\$158,667,788</b>
<b>CONTRACT COLLEGE UNITS (ITH)</b>									
Agriculture & Life Sciences	11,921,150	16,918,106	16,407,700	588,113	356,679	415,633	2,844,557	3,157,908	\$52,609,846
Veterinary Medicine	23,141,604	689,275	1,291,063	92,234				75,502	\$25,289,678
Nutritional Sciences	4,992,908		1,044,514				854,442		\$6,891,864
Human Ecology	4,979,780	773,278	23,125					526,428	\$6,302,611
Industrial & Labor Relations	151,681	5,837						1,401,541	\$1,559,059
<b>TOTAL CONTRACT</b>	<b>45,187,123</b>	<b>18,386,496</b>	<b>18,766,402</b>	<b>680,347</b>	<b>356,679</b>	<b>415,633</b>	<b>3,698,999</b>	<b>5,161,379</b>	<b>\$92,653,058</b>
<b>TOTAL ITHACA</b>	<b>67,419,871</b>	<b>120,794,158</b>	<b>19,447,321</b>	<b>13,755,549</b>	<b>11,386,271</b>	<b>6,460,269</b>	<b>3,698,999</b>	<b>8,358,408</b>	<b>\$251,320,846</b>
<b>MEDICAL COLLEGE (NYC)</b>	<b>128,434,988</b>	<b>785,049</b>		<b>2,374,795</b>					<b>\$131,594,832</b>
<b>TOTAL FEDERAL EXPENDITURES</b>	<b>\$195,854,859</b>	<b>\$121,579,207</b>	<b>\$19,447,321</b>	<b>\$16,130,344</b>	<b>\$11,386,271</b>	<b>\$6,460,269</b>	<b>\$3,698,999</b>	<b>\$8,358,408</b>	<b>\$382,915,678</b>
<b>PERCENTAGE OF GRAND TOTAL</b>	<b>29.7</b>	<b>18.4</b>	<b>2.9</b>	<b>2.4</b>	<b>1.7</b>	<b>1.0</b>	<b>0.6</b>	<b>1.3</b>	<b>58.1</b>

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

\*\* NASA includes JPL funds under subcontract

# CORNELL UNIVERSITY

## SPONSORED RESEARCH EXPENDITURES - NON-FEDERAL SOURCES

JULY 1, 2006 - JUNE 30, 2007

TABLE 3

	State & Local Governments	Corporations & Trade Assoc.	Foundations	Non-Profit Organizations	All Other Non-Federal	Total Non-Federal
<b>ENDOWED UNITS (ITH)</b>						
Engineering	\$2,952,607	\$5,330,223	\$299,440	\$8,451,705	\$682,345	\$17,716,320
Arts & Sciences *	50,781	732,019	697,444	7,153,576	40,945	\$8,674,765
Research Centers & All Other Colleges	3,268,345	780,205	(1,053)	2,272,099	100,763	\$6,420,359
<b>TOTAL ENDOWED</b>	<b>6,271,733</b>	<b>6,842,447</b>	<b>995,831</b>	<b>17,877,380</b>	<b>824,053</b>	<b>\$32,811,444</b>
<b>CONTRACT COLLEGE UNITS (ITH)</b>						
Agriculture & Life Sciences	6,733,827	2,366,723	1,641,366	12,671,113	200,690	\$23,613,719
Veterinary Medicine	1,100,292	1,586,824	928,033	2,397,860	149,003	\$6,162,012
Human Ecology	243,722	995,765	520,025	1,815,555	70,165	\$3,645,232
Nutritional Sciences		778,706	14,153	727,458		\$1,520,317
Industrial & Labor Relations	(90,916)	189,328	245,660	95,416	20,327	\$459,815
<b>TOTAL CONTRACT</b>	<b>7,986,925</b>	<b>5,917,346</b>	<b>3,349,237</b>	<b>17,707,402</b>	<b>440,185</b>	<b>\$35,401,095</b>
<b>TOTAL ITHACA</b>	<b>14,258,658</b>	<b>12,759,793</b>	<b>4,345,068</b>	<b>35,584,782</b>	<b>1,264,238</b>	<b>\$68,212,539</b>
<b>MEDICAL COLLEGE (NYC)</b>	<b>3,505,712</b>	<b>10,895,570</b>	<b>15,726,250</b>			<b>\$30,127,532</b>
<b>TOTAL NON-FEDERAL EXPENDITURES</b>	<b>\$17,764,370</b>	<b>\$23,655,363</b>	<b>\$20,071,318</b>	<b>\$35,584,782</b>	<b>\$1,264,238</b>	<b>\$98,340,071</b>
<b>PERCENTAGE OF GRAND TOTAL</b>	<b>2.7</b>	<b>3.6</b>	<b>3.0</b>	<b>5.4</b>	<b>0.2</b>	<b>14.9</b>

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

# **CORNELL UNIVERSITY**

## **SPONSORED RESEARCH EXPENDITURES - FEDERAL AGENCIES**

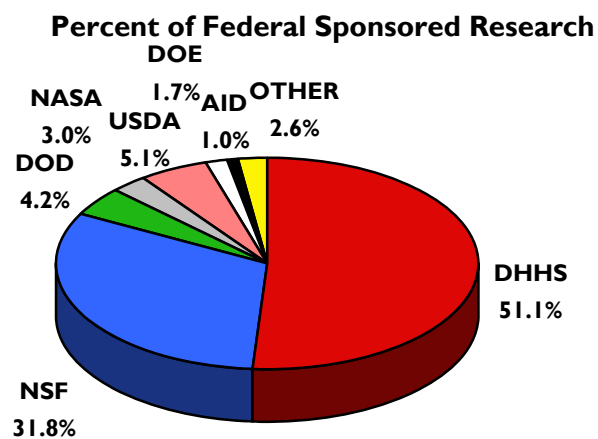
**TABLE 4**

Federal Agency	FY 2007	Percent Fed Spons
Department of Health & Human Services	\$195,854,859	51.1
National Science Foundation	121,579,207	31.8
Department of Agriculture	19,447,321	5.1
Department of Defense	16,130,344	4.2
NASA *	11,386,271	3.0
Department of Energy	6,460,269	1.7
Agency for Int'l Development	3,698,999	1.0
All Others	8,358,408	2.2
<b>TOTAL FEDERAL SPONSORED RESEARCH</b>	<b>\$382,915,678</b>	<b>100.0</b>

\* NASA includes JPL funds under subcontract

**CORNELL UNIVERSITY**  
**SPONSORED RESEARCH EXPENDITURES**  
**BY FEDERAL AGENCY**  
**FISCAL YEAR 2007**

**CHART 2**



<b>DHHS</b>	Dept. of Health & Human Services
<b>NSF</b>	National Science Foundation
<b>USDA</b>	Dept. of Agriculture
<b>DOD</b>	Dept. of Defense
<b>NASA</b>	National Aeronautics & Space Admin.
<b>DOE</b>	Dept. of Energy
<b>AID</b>	Agency for Int'l Deveploment
<b>OTHER</b>	All Others

# CORNELL UNIVERSITY

## TOTAL RESEARCH EXPENDITURES - BY DISCIPLINE

TABLE 5

Discipline *	FY 2007	Percent of Total
Medical Sciences	\$245,094,210	37.2
Biology	97,518,646	14.8
Multidisciplinary	57,332,948	8.7
Agriculture	50,602,206	7.7
Physics	44,183,017	6.7
Astronomy	28,457,346	4.3
Computer Sciences	23,304,490	3.5
Chemistry	18,380,376	2.8
Electrical Engineering	14,207,766	2.2
Sociology	10,904,822	1.7
Business & Management	9,925,396	1.5
Institutional & College Research Support	9,158,653	1.4
Mechanical Engineering	7,517,553	1.1
Civil Engineering	6,923,436	1.0
Metallurgical and Materials Engineering	6,161,009	0.9
Economics	6,028,669	0.9
Earth Sciences	5,823,300	0.9
Chemical Engineering	5,121,793	0.8
Mathematical Sciences	4,995,414	0.8
Psychology	4,277,527	0.6
Bioengineering-Biomedical Engineering	1,251,818	0.2
Communication, Journalism, and Library Sciences	891,202	0.1
Humanities	595,115	0.1
Political Sciences	262,652	0.0
Law	245,130	0.0
Oceanography	214,493	0.0
Visual and Performing Arts	3,229	0.0
<b>TOTAL RESEARCH EXPENDITURES</b>	<b>\$659,382,216</b>	<b>100.0</b>

\* Department discipline code mapping available at <http://www.research.cornell.edu/vpr/ResExp/ResExpDisciplines2007.xls>

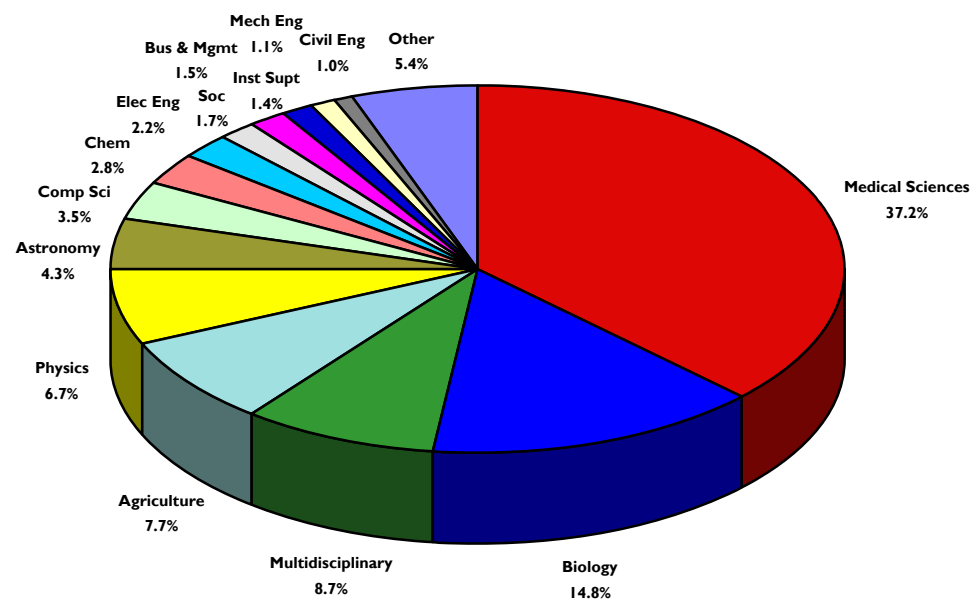


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## TOTAL RESEARCH EXPENDITURES BY DISCIPLINE

FISCAL YEAR 2007

CHART 3

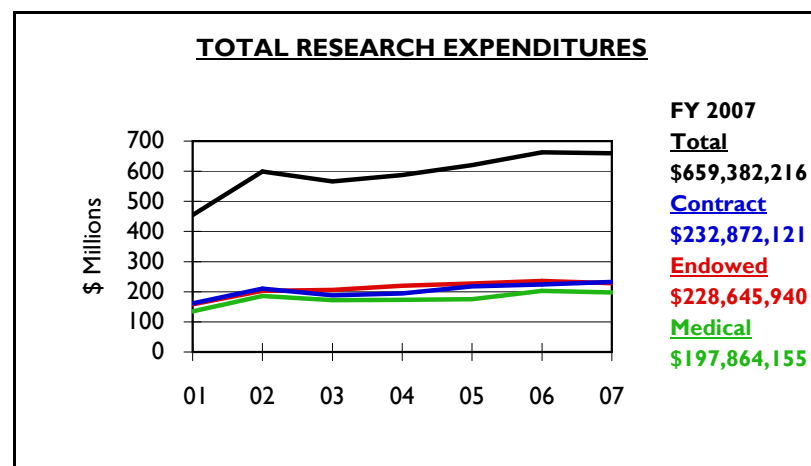
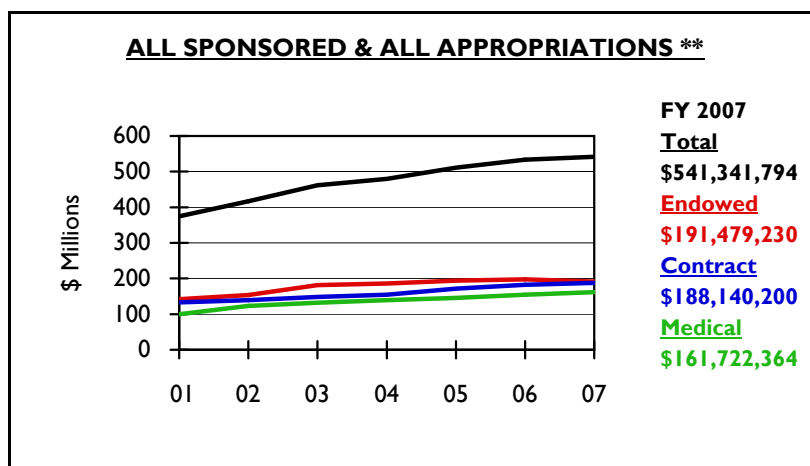
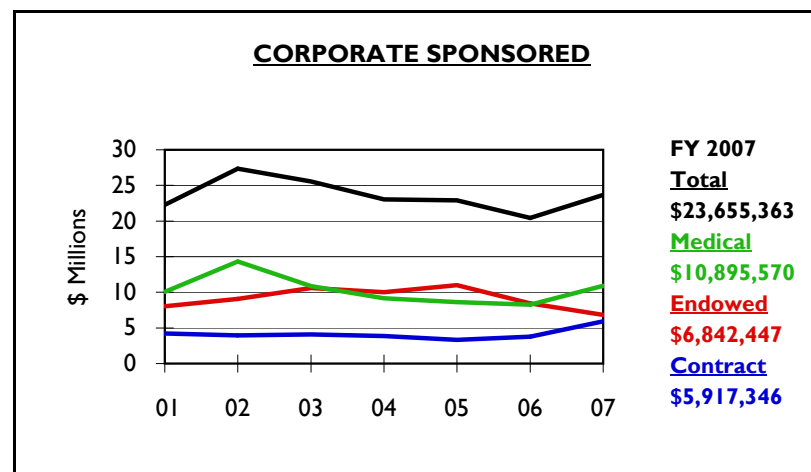
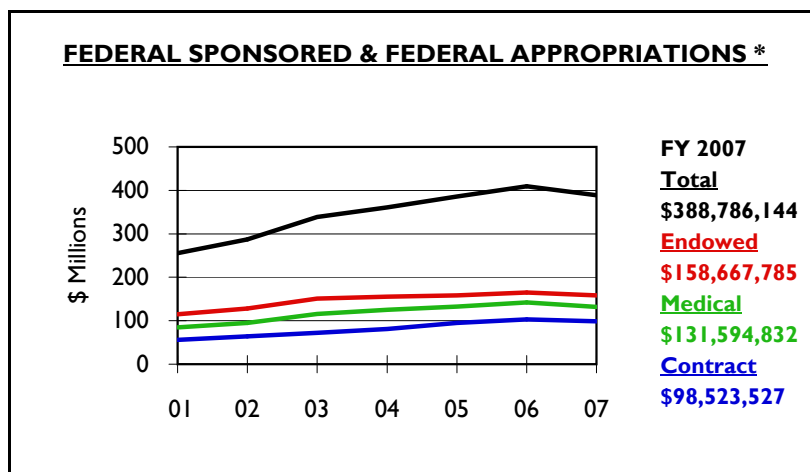


# CORNELL UNIVERSITY

## TRENDS IN RESEARCH EXPENDITURES

### FISCAL YEARS 2001 TO 2007

CHART 4



\* Includes federal sponsored research awards and federal appropriations

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