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UNIVERSITY OF
SOUTH DAKOTA

Annual Report on Externally Sponsored Programs

FY2013

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Putting Things into Perspective

A Message to the USD Research and Creative Community

Laura J. Jenski, Ph.D.
Vice President for Research

Shrinking federal dollars for research and the lingering uncertainty surrounding future budget cuts have led to fewer award dollars to USD as well as to delays in receiving awards. The tables and graphs in the following report show an unrelenting drop in federal award dollars over the last three years. Few expect the federal funding scene, or that of state and non-profit agencies, to rebound in the near future.

But that is not what I wanted to talk about with you, the researcher or artist. Instead, I'd like to address an issue that is obvious but often lost in the frantic pursuit of external funding; ***sponsors pay for researchers to do the sponsor's work***. Government agencies and charitable foundations receive and budget money to get certain jobs done. The job may be tightly prescribed by the agency based on its mission, *e.g.,* the Department of Defense may need a lightweight battery for use by its ground forces; or a general contribution to knowledge, such as basic research in biodiversity supported by the National Science Foundation. Regardless, awards are made so the agencies can accomplish their work, their goals … not yours. Grants for research or creative activities are not gifts to support individuals or charitable contributions to institutions. Once the researcher or artist adopts the perspective of the sponsor, the path to successful grantsmanship becomes clearer albeit not less arduous.

The first step down this path is to pore over the agencies' mission and vision statements, strategic plans and goals, annual reports, program reviews, and any other agency communications such as blogs and webinars. Find out what jobs the agencies need done.

Second, avail yourself of every opportunity to speak with program officers. Sometimes program officers come to the state, for example, during the South Dakota EPSCoR annual meeting or by invitation of institutions. National and regional meetings of professional societies frequently include agency representatives as speakers and exhibitors. If you have a well-researched and well-developed idea for a specific agency or agencies, USD's Office of Research and Sponsored Programs often can help you with travel costs to meet with the program officers in their offices at their invitation.

The third step is challenging but vitally important to position yourself to be a long-term partner of the funding agency. That is, get yourself appointed to advisory committees, boards, and panels that shape the future goals (and hence jobs) of the agencies. As an assistant professor you likely will start with peer review panels at agencies and committees in professional organizations. Over time, use these contacts (and your own stellar performance in these initial roles) to help move into more influential panels, committees, and boards. Ask your mentors to recommend you to prominent committees, and if they are not positioned to help you, add additional persons to your stable of mentors and advocates. Your aim is to know as much as possible about the future direction of

agencies, influence that direction appropriately, and encourage the agencies to regard you as an important partner for their future.

Finally, accept the realization that thousands of other researchers are doing the same and you must offer your partner, the agency, an outstanding outcome for the work they need done … the work you are helping them do. Offer innovative ideas, effective tools, and unique resources they cannot find elsewhere to accomplish their work. It's all about what you can do for them, the agencies, to advance their mission and make them look good. And through the use of that perspective, you can help bring your long-term, sustainable research program into focus.

"Half this game is ninety percent mental." - Yogi Berra

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Status of Proposals and Awards in FY13

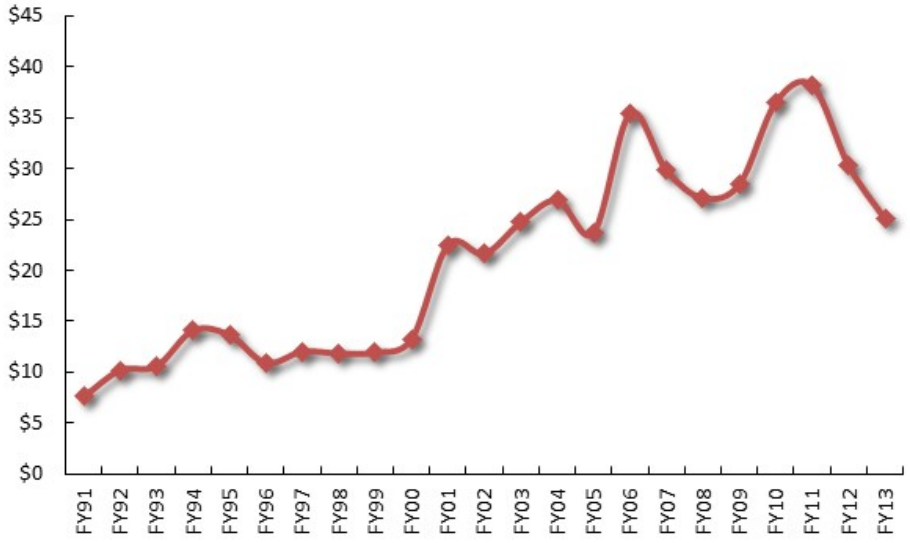
USD received $5.2 million less in federal awards this past year, and for the second year our overall award dollars dropped. There were fewer grants made in federal programs (*e.g.*, TRIO in the U.S. Department of Education) and fewer dollars awarded for continuing grants entering a new budget year. This erosion was not offset by major awards acquired in new areas or from new federal programs. The dollar amount of proposals (referred to in Table 8 as Budget Year Request) continued to decline, now at its lowest point in eight years. The Total Request, while higher in FY13 than FY11 and FY12, was inflated by almost $38 million proposed for the SDRIC and Governor's Research Center competitions in which we were essentially competing against ourselves.

Thus, the future will not be "business as usual" if USD is to grow its research and creative activities. Strategic and concerted efforts are required in all colleges and schools to build national prominence in areas of university strength and promise. In this upcoming year, let us resolve to focus on the sponsors' needs, communicate clearly the outstanding research and creativity USD can accomplish, and follow through to nurture long-standing relationships with sponsors and others outside USD.

"A pessimist sees the difficulty in every opportunity; an optimist sees the opportunity in every difficulty." - Sir Winston Churchill

Please read the fine print below.

Figure 1: Awards (FY91-FY13)



The Office of Research and Sponsored Programs has done its best to record accurately every grant and contract received, every proposal submitted. But there are some irregularities we cannot control, such as when a sponsor awards funds for two or more budget years of a multi-year grant in the same university fiscal year. Some inputs into the data are subjective. For example, a faculty member may list his/her affiliation as either an academic department or a research center. The staff work hard to catch errors and work around the database limitations, but we cannot guarantee that the data are error free. This is particularly a concern with entries that are several years old, where the original paper records no longer exist and which were made prior to modifications of database fields. Inconsistencies of a few thousand dollars or less we have left in place, and apologize if this affects data of interest to you.

AWARDS

Table 1: Award Dollars by College and School (FY04-FY13)

College/School	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12	FY13
Arts & Sciences	$1,252,309	$2,651,994	$4,345,053	$4,223,251	$4,922,439	$8,425,939	$8,571,332	$9,028,934	$7,859,803	$6,417,504
Administration	$2,113,731	$1,552,296	$1,675,769	$5,922,659	$1,850,371	$1,574,765	$3,151,042	$5,228,044	$2,210,032	$1,142,907
Business	$1,198,622	$1,753,550	$2,290,348	$1,629,249	$1,461,317	$1,442,062	$1,991,131	$2,979,297	$1,733,652	$2,038,323
Education	$2,472,102	$2,104,977	$2,728,177	$1,799,078	$2,209,302	$1,976,403	$2,920,094	$4,723,863	$4,115,730	$3,483,629
Fine Arts	$45,250	$22,144	$500		$750	$500	$1,500	$1,500		$7,000
Grad School					$396,345	$763,013	$674,044	$619,638	$2,679,409	$1,134,076
Health Sciences					$185,214	$314,841	$5,585,611	$209,454	$311,543	$484,778
Law		$248,525		$24,000	$50,000	$48,025				
Libraries		$42,728						$14,000		$1,000
Medicine	$13,228,268	$18,555,872	$24,784,481	$16,230,173	$16,588,509	$13,910,765	$13,536,929	$15,347,204	$11,357,086	$10,328,411
Total	$20,310,283	$26,932,084	$35,824,328	$29,828,410	$27,664,247	$28,456,312	$36,431,683	$38,151,934	$30,267,255	$25,037,628

Table 2: Number of Awards by College and School (FY04-FY13)

College/School	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12	FY13
Arts & Sciences	47	54	47	38	50	57	60	69	62	42
Administration	15	13	12	12	16	15	22	31	25	14
Business	16	17	20	19	15	16	12	22	12	13
Education	20	18	19	17	12	22	17	22	15	10
Fine Arts	4	3	1		1	1	1	1		7
Grad School					5	7	4	4	12	7
Health Sciences					4	8	13	5	5	5
Law		1		1	1	1				
Libraries		2						1		1
Medicine	56	82	87	70	72	62	58	51	54	48
Total	158	190	186	157	176	189	187	206	185	147

AWARDS

Table 3: Awards in the College of Arts & Sciences (FY04-FY13)

Department	FY04		FY05		FY06		FY07		FY08	
	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.
Anthropology (including Archeology)	$228,249	16	$37,271	5	$200,854	4	$71,452	3	$130,000	2
Biology	$345,873	9	$928,003	13	$1,269,120	12	$1,574,324	9	$1,393,718	9
Chemistry	$35,800	1	$1,118,306	7	$2,089,976	5	$1,789,081	5	$2,008,248	10
Communication Sciences & Disorders	$77,588	2	$83,964	6	$52,079	2	$123,261	1	$280,557	4
Computer Science			$10,025	1	$54,647	2	$259,104	1	$511,336	1
Criminal Justice	$20,000	1							$296,826	2
Earth Sciences							$103,755	2		
English	$57,230	3	$50,000	2	$52,000	1	$46,500	2	$48,000	1
Government Research Bureau									$30,886	6
History	$25,000	1	$20,000	1	$16,937	1			$885	1
Languages, Linguistics & Philosophy							$17,600	1		
Mathematics							$5,700	2	$5,830	
Native Studies (including IAIS)			$11,500	2	$1,500	2	$8,940	1		
Physics							$60,000	1	$101,876	3
Political Science	$130,986	4	$7,250	1	$217,992	3			$51,559	5
Psychology (including DMHI)	$331,584	10	$385,675	16	$389,948	15	$163,534	10	$62,718	5
Total	$1,252,309	47	$2,651,994	54	$4,345,053	47	$4,223,251	38	$4,922,439	49

Department	FY09		FY10		FY11		FY12		FY13	
	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.
Anthropology (including Archeology)							$5,000	1		
Biology	$816,973	15	$1,711,236	13	$2,499,759	15	$2,830,048	17	$1,196,115	9
Chemistry	$2,314,670	7	$3,731,817	10	$2,104,414	8	$2,888,071	9	$2,195,906	8
Communication Sciences & Disorders	$2,560	1	$252,498	3	$154,776	2	$130,000	1		
Computer Science	$608,114	3	$267,408	1	$126,122	1	$725,789	1		
Criminal Justice										
Earth Sciences	$50,761	1	$11,111	1	$23,500	1	$53,500	1		
English	$52,500	4	$46,000	1	$53,700	5	$20,000	1	$139,536	4
Government Research Bureau	$253,566	11	$529,579	15	$360,704	8	$42,000	1	$17,978	2
History			$52,972	2						
Languages, Linguistics & Philosophy									$1,800	1
Mathematics	$13,500		$100,766						$49,903	2
Native Studies (including IAIS)			$409,000	1						
Physics	$3,496,425	4	$886,828	5	$3,426,208	7	$609,052	9	$2,278,811	8
Political Science	$15,207	1			$56,121	7	$137,714	10	$14,792	2
Psychology (including DMHI)	$801,663	9	$572,118	5	$223,631	15	$418,629	11	$522,663	6
Total	$8,425,939	56	$8,571,332	57	$9,028,935	69	$7,859,803	62	$6,417,504	42

Table 4: Awards in the Sanford School of Medicine (FY04-FY13)

Department	FY04		FY05		FY06		FY07		FY08	
	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.
Alcohol & Drug Abuse Studies*	$82,453	1	$97,456	2	$34,163	1	$109,853	5	$46,992	1
Basic Biomedical Sciences	$6,504,248	18	$6,984,329	24	$14,120,051	26	$7,970,119	20	$8,758,056	21
Cardiovascular Research Institute										
Center for Disabilities	$1,000,956	16	$4,637,038	29	$3,268,348	31	$3,143,554	25	$1,863,260	31
Continuing Medical Education							$599,000	1		
Dental Hygiene*					$98,206	1				
Family Medicine	$162,000	6	$274,079	5	$481,327	9	$355,765	6	$152,635	4
Internal Medicine	$122,500	1			$119,286	1	$0		$118,445	2
Laboratory Medicine	$306,683	1	$325,883	2	$157,941	1	$315,000	1	$381,000	1
Medical Administration	$190,374	2	$885,743	1			$0		$1,991,890	4
Neurology	$60,000	1	$60,000	1	$120,000	2	$0		$60,000	1
Nursing*			$445,458	3	$59,961	1	$107,673	1		
Obstetrics/Gynecology			$9,812	1	$75,000	1	$134,311	2		
Pediatrics										
Physican Assistant*			$232,810	2			$97,701	1		
Psychiatry	$98,998	2								
Sanford Research (includes CRI)**	$4,447,468	4	$4,369,608	6	$5,751,697	8	$3,204,897	4	$2,776,815	3
Surgery	$252,588	4	$233,657	6	$498,501	5	$192,300	4	$184,132	4
Total	$13,228,268	56	$18,555,872	82	$24,784,481	87	$16,230,173	70	$16,333,224	72

Department	FY09		FY10		FY11		FY12		FY13	
	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.
Alcohol & Drug Abuse Studies*										
Basic Biomedical Sciences	$7,197,449	29	$8,002,760	22	$11,382,262	27	$8,215,875	29	$6,874,436	25
Cardiovascular Research Institute										
Center for Disabilities	$2,932,983	22	$2,467,808	25	$2,044,363	12	$1,261,462	13	$1,543,033	15
Continuing Medical Education										
Dental Hygiene*										
Family Medicine	$32,010	1	$372,016	1	$1,114,620	2	$1,117,338	3	$413,056	1
Internal Medicine	$44,477	1	$13,168	1						
Laboratory Medicine	$394,000	1	$648,000	2	$551,480	2	$445,454	1	$219,096	1
Medical Administration			$57,348	2	$41,875	2				
Neurology										
Nursing*										
Obstetrics/Gynecology	$30,000	1			$35,645	1				
Pediatrics			$211,460	2	$5,000	2	$65,000	1	$1,105,290	3
Physican Assistant*										
Psychiatry										
Sanford Research (includes CRI)**	$2,953,983	3	$1,602,842				$76,260	4	$28,500	1
Surgery	$325,863	4	$161,528	3	$171,959	3	$175,698	3	$145,000	2
Total	$13,910,765	62	$13,536,930	58	$15,347,204	51	$11,357,086	54	$10,328,411	48

* Departments moved to the School of Health Sciences in FY09.
** The Cardiovascular Research Institute (CRI) was physically located at Sanford Research (aka South Dakota Health Research Foundation, SDHRF) during this time frame. By FY11, grants to researchers in Sanford Research were no longer included in the university numbers, as Sanford Research was administratively separate from USD and all grants had been relinquished or expired. Exceptions are when the principal investigator is a USD student, or when a Sanford Research employee submits a proposal via his/her USD faculty affiliation, as may be the case when only universities are eligible grantees.

Table 5: FY13 Awards by Source of Funds, by College and School

College/School	Federal		State		Private		Other Non-profit		Total	
	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.
Arts & Sciences	$4,340,453	23	$1,534,189	11	$24,385	1	$518,477	7	$6,417,504	42
Administration	$84,238	4	$57,669	8	$1,000,000	1	$1,000	1	$1,142,907	14
Business	$1,173,242	5	$740,081	5			$125,000	3	$2,038,323	13
Education	$2,659,066	5	$124,563	3			$700,000	2	$3,483,629	10
Fine Arts	$2,750	2	$4,250	4				1	$7,000	7
Graduate School	$1,052,107	5					$81,969	2	$1,134,076	7
Health Sciences	$258,264	3			$52,804	1	$173,710	1	$484,778	5
Libraries			$1,000	1					$1,000	1
Medicine	$9,346,224	34	$948,832	11			$33,355	3	$10,328,411	48
Total	$18,916,344	81	$3,410,584	43	$1,077,189	3	$1,633,511	20	$25,037,628	147

Figure 2: FY13 Award Dollars by Source of Funds (%)

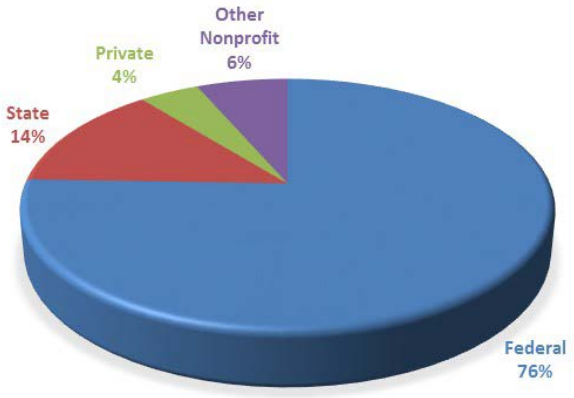


Figure 3: Award Dollars by Source of Funds (FY04-FY13)

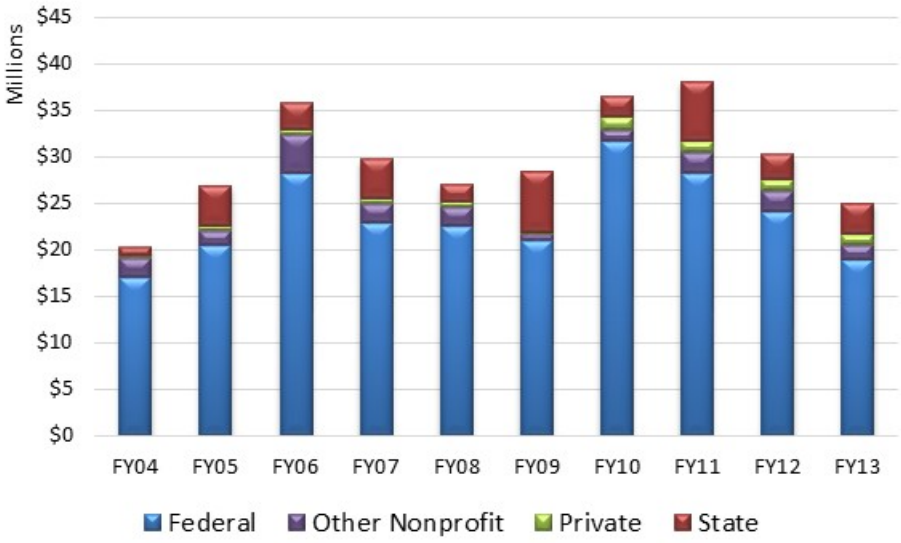


Table 6: FY13 Federal Awards by Agency

Federal Agency	Amount	Number
Health & Human Services	$11,813,222	42
National Science Foundation	$2,570,967	10
Education	$1,757,815	7
Energy	$1,208,116	5
Defense	$189,199	1
Commerce/NIST	$400,000	1
All Other Agencies	$977,025	15
Total Federal	$18,916,344	81

Figure 4: FY13 Federal Award Dollars by Agency (%)

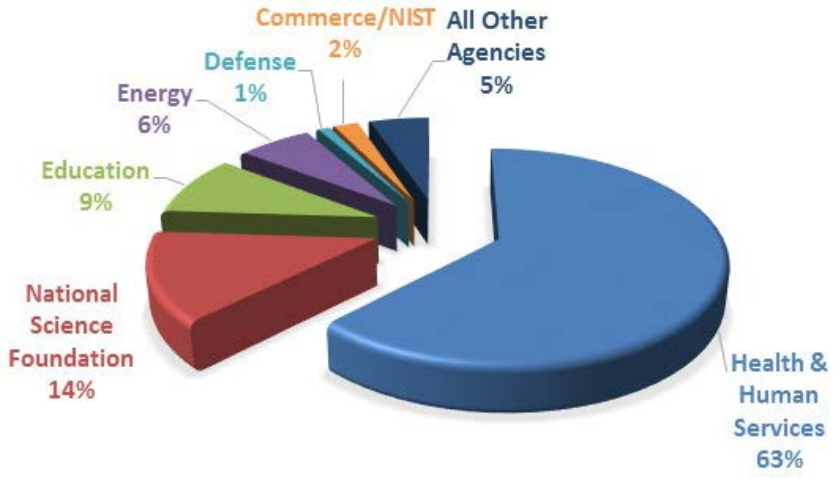
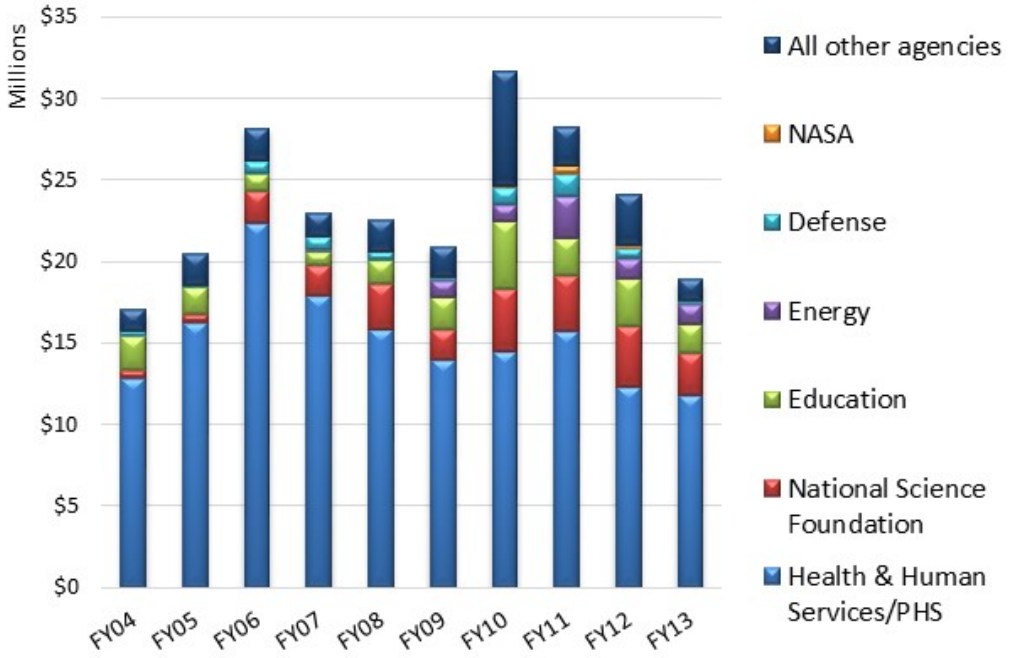


Figure 5: Federal Award Dollars by Agency (FY04-FY13)*



*Legend for Figure 5: Input Data

Federal Agency	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12	FY13
Health & Human Services/PHS	$12,867,986	$16,246,178	$22,308,973	$17,904,395	$15,817,502	$13,942,844	$14,473,760	$15,737,868	$12,259,946	$11,813,222
National Science Foundation	$478,818	$500,297	$1,984,555	$1,878,436	$2,816,885	$1,846,379	$3,851,376	$3,395,756	$3,725,575	$2,570,967
Education	$2,086,098	$1,659,601	$1,102,818	$844,192	$1,429,898	$1,974,642	$4,112,982	$2,292,525	$2,957,851	$1,757,815
Energy				$60,000		$1,052,000	$1,046,650	$2,547,648	$1,240,198	$1,208,116
Defense	$275,210	$136,668	$733,938	$793,968	$523,485	$189,080	$1,061,778	$1,403,915	$600,199	$189,199
NASA				$13,608	$18,200	$24,992	$126,175	$501,713	$211,964	
All other agencies	$1,328,630	$1,921,892	$2,058,626	$1,447,477	$1,921,836	$1,879,757	$6,963,111	$2,406,820	$3,133,693	$1,377,025
Total	$17,036,742	$20,464,636	$28,188,910	$22,942,076	$22,527,806	$20,909,694	$31,635,832	$28,286,245	$24,129,426	$18,916,344

Table 7: FY13 Awards by Type of Project

Project Type	Amount	Number
Instruction	$2,397,277	9
Research	$13,182,519	52
Public Service	$6,735,979	66
Academic Support	$2,273,172	12
Student Services	$26,748	2
Institutional Support	$353,481	3
Scholarships	$68,452	3
Total	$25,037,628	147

Figure 6: FY13 Award Dollars by Type of Project (%)

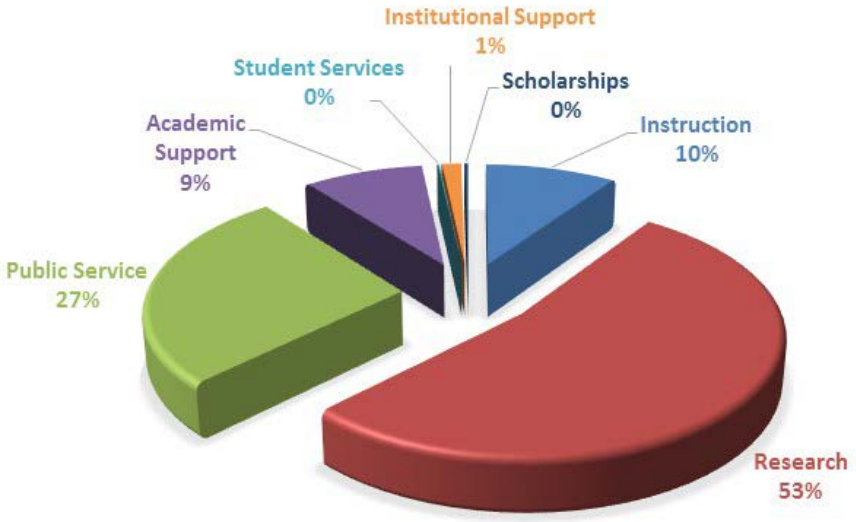


Table 8: Proposals by College and School (FY04-FY13)

School/College	FY04			FY05			FY06			FY07			FY08		
	Total Request	Budget Year Request	No.	Total Request	Budget Year Request	No.	Total Request	Budget Year Request	No.	Total Request	Budget Year Request	No.	Total Request	Budget Year Request	No.
Arts & Sciences	$11,511,127	$5,166,445	78	$8,144,752	$4,828,176	86	$21,108,913	$14,000,329	92	$21,086,186	$15,557,945	83	$26,425,149	$19,867,233	92
Administration	$1,964,824	$1,964,824	18	$5,318,835	$3,322,997	21	$2,890,709	$2,888,527	16	$8,466,733	$5,829,021	13	$2,688,318	$1,561,676	14
Business	$2,588,825	$2,489,465	29	$2,399,413	$2,399,413	23	$2,170,344	$2,080,556	23	$1,901,385	$1,901,385	20	$3,145,249	$1,700,357	17
Education	$3,205,090	$2,780,424	26	$3,709,357	$3,013,531	33	$2,646,850	$2,646,850	21	$3,107,110	$1,946,905	19	$2,900,129	$2,900,129	19
Fine Arts	$55,250	$55,250	7	$28,622	$28,622	3	$17,956	$17,956	2	$61,610	$61,156	2	$750	$750	1
Graduate School													$1,428,254	$999,763	11
Health Sciences													$772,290	$533,776	7
Law	$598,711	$598,711	3	$33,811	$33,811	1	$188,120	$188,120	1	$24,000	$24,000	1	$61,665	$61,665	1
Library	$7,728	$7,728	1	$40,900	$40,900	3				$30,000	$30,000	1			
Medicine	$82,103,391	$28,071,498	119	$62,531,569	$30,282,431	125	$60,366,614	$33,185,848	150	$84,180,529	$40,113,232	157	$88,208,114	$30,943,596	146
Total	$102,034,945	$41,134,344	281	$82,207,259	$43,949,881	295	$89,389,505	$55,008,185	305	$118,857,553	$65,463,644	296	$125,629,917	$58,568,945	308

School/College	FY09			FY10			FY11			FY12			FY13		
	Total Request	Budget Year Request	No.	Total Request	Budget Year Request	No.	Total Request	Budget Year Request	No.	Total Request	Budget Year Request	No.	Total Request	Budget Year Request	No.
Arts & Sciences	$34,225,440	$12,605,653	125	$42,065,523	$18,644,631	123	$31,596,169	$12,977,764	104	$29,596,814	$11,627,641	113	$58,828,711	$12,107,952	97
Administration	$6,585,995	$4,011,947	20	$40,764,052	$30,737,664	37	$24,160,487	$16,284,243	35	$10,338,818	$3,074,691	25	$8,749,510	$1,709,511	16
Business	$3,727,684	$2,085,526	16	$2,010,189	$2,010,189	13	$5,757,797	$3,779,090	26	$4,121,629	$2,365,962	15	$1,688,270	$1,688,270	12
Education	$3,402,282	$3,257,360	26	$10,174,540	$5,613,063	26	$10,606,707	$5,163,167	20	$13,991,203	$6,092,511	22	$10,696,517	$4,504,804	12
Fine Arts	$18,300	$18,300	2	$3,000	$1,500	1	$407,811	$242,752	9	$772,000	$122,000	5	$456,983	$219,021	10
Graduate School	$4,690,796	$1,666,282	10	$6,095,272	$1,677,438	10	$5,564,779	$1,935,263	12	$8,673,723	$2,969,658	15	$12,842,779	$2,073,600	14
Health Sciences	$2,979,175	$1,341,293	13	$6,280,878	$2,791,557	22	$1,794,341	$855,496	7	$5,581,100	$2,681,589	18	$2,289,567	$881,473	12
Law	$661,648	$177,166	2	$61,700	$61,700	1	$778,179	$408,327	4						
Library				$14,000	$14,000	1							$21,000	$21,000	2
Medicine	$125,625,487	$40,397,837	140	$78,322,764	$24,545,387	122	$65,678,719	$24,011,287	108	$82,883,247	$24,962,979	121	$76,740,779	$25,052,073	124
Total	$181,916,807	$65,561,364	354	$185,791,918	$86,097,129	356	$146,344,989	$65,657,389	325	$155,958,534	$53,897,031	334	$172,314,116	$48,257,704	299

Table 9: FY13 Proposals by Source of Funds

Source	Total Request	Number
Federal	$111,442,865	166
Other Nonprofit	$8,185,944	54
Private	$8,099,411	4
State	$44,585,896	75
Total	$172,314,116	299

Figure 7: FY13 Proposed (Total) Dollars by Source of Funds (%)

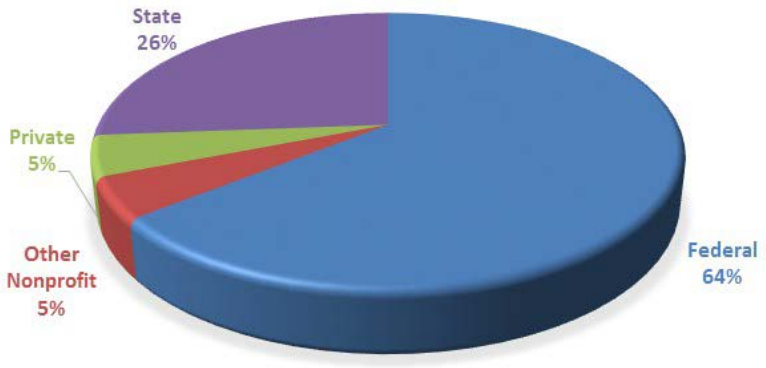


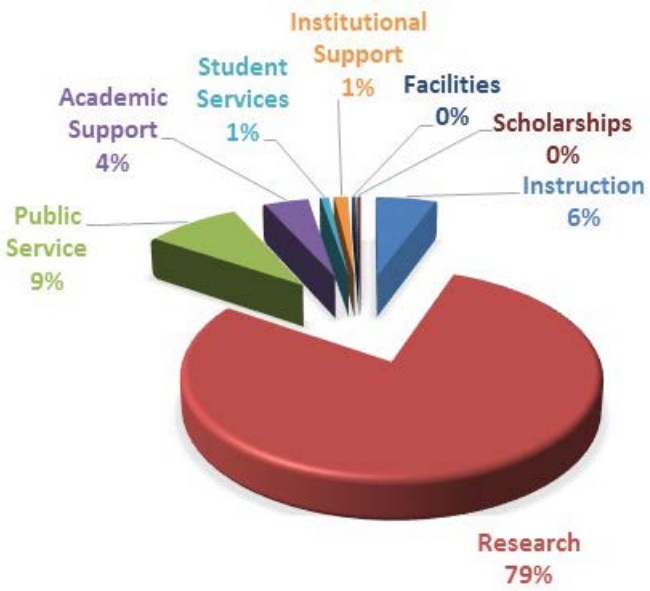
Table 10: FY13 Proposals to Federal Agencies

Federal Agency	Total Request	Number
U.S. Department of Health and Human Services	$75,452,117	83
National Science Foundation	$16,718,903	37
U.S. Department of Education	$10,684,299	9
U.S. Department of Energy	$5,715,659	7
U.S. Small Business Administration	$627,776	2
U.S. Department of Justice	$500,240	2
National Endowment for the Humanities	$463,825	4
National Aeronautics and Space Administration	$455,869	4
U.S. Department of Veterans Affairs	$219,096	1
U.S. Department of Agriculture	$190,279	1
U.S. Department of Defense	$189,199	3
U.S. Department of Homeland Security	$46,675	2
U.S. Fish and Wildlife Service	$44,829	3
U.S. National Park Service	$39,186	1
AmeriCorps	$36,065	2
National Highway Traffic Safety Administration	$24,948	1
National Endowment for the Arts	$21,250	2
National Writing Project Corporation	$12,000	1
Corporation for National and Community Service	$650	1
Total Federal Proposals	$111,442,865	166

Table 11: FY13 Proposals by Type of Project

Project Type	Total Request	Number
Instruction	$9,619,415	11
Research	$135,774,983	170
Public Service	$15,213,892	83
Academic Support	$7,089,750	16
Student Services	$1,318,875	2
Institutional Support	$2,207,337	7
Facilities	$572,674	1
Scholarships	$517,190	9
Total	$172,314,116	299

Figure 8: FY13 Proposed (Total) Dollars by Type of Project (%)



Institutional Comparisons

The following pages contain comparisons between USD and other institutions based on Carnegie Classification™ characteristics and research expenditures reported to the National Science Foundation (NSF). USD is highlighted in red; shared characteristics are also in red. Detailed information about the universities may be found at http://www.nsf.gov/statistics/nsf13325/ and http://classifications.carnegiefoundation.org/lookup_listings/institution.php.

Carnegie Foundation classifications are based on characteristics such as undergraduate and graduate programming, size and setting of the institution, research activity, and student characteristics (*i.e.,* full-time status, selectivity of admission, and transfers). NSF tracks academic research activities by collecting self-reported research expenditures annually from institutions. These expenditures do not include funds for public service, instruction, or other activities outside of research, although expenditures may be from sources external or internal to the college or university. FY11 is the most recent year for which complete expenditure data are available from NSF.

Table 12: USD Research Expenditures (FY02-FY12), in *Thousands of Dollars**

FY	USD Research Expenditures in $1,000 (NSF Survey)					
	Total	Federal	State/ Local	Industry	Institutional	Other
2002	$8,368	$5,830	$174	$0	$681	$1,683
2003	$11,148	$8,308	$226	$0	$877	$1,737
2004	$15,523	$12,849	$126	$0	$1,422	$1,126
2005	$18,681	$15,448	$1,160	$0	$758	$1,315
2006	$22,613	$17,308	$2,445	$0	$1,169	$1,691
2007	$21,473	$16,683	$2,183	$0	$1,180	$1,427
2008	$22,742	$17,569	$2,411	$0	$1,304	$1,458
2009	$29,417	$16,684	$1,866	$98	$10,113	$656
2010	$30,616	$16,467	$1,061	$364	$12,343	$381
2011	$28,959	$14,490	$760	$25	$12,953	$731
2012	$31,982	$14,088	$1,302	$172	$14,945	$1,475

* How Institutional expenditures are calculated was changed in FY09, thereby accounting for most of the apparent increase in reported expenditures.

Table 13: Institutional Comparisons by Size, Graduate Programs, and Undergraduate Programming* (expenditures in the thousands of dollars)

	Carnegie Classification 2010					NSF Survey of Research Expenditures FY11 (in $1,000)					
Institution	Students	Undergraduate Program Dominance	FT Enrollment & Selectivity	Graduate Program Dominance	Size & Setting	Total	Federal	State & Local	Industry	Institu-tional	Other
University of South Dakota	9,617	Bal/SGC	MFT4/S/HTI	CompDoc/ MedVet	M4/R	$28,959	$14,490	$760	$25	$12,953	$731
Universities with Comprehensive Doctoral Programs and Medical and/or Veterinary Schools:											
University of Nevada-Reno	16,875	Bal/HGC	FT4/S/HTI	CompDoc/ MedVet	L4/NR	$89,740	$57,220	$2,711	$2,041	$26,302	$1,463
University of North Dakota	14,189	Prof+A&S/SGC	FT4/S/HTI	CompDoc/ MedVet	L4/R	$74,882	$54,058	$5,881	$8,256	$4,977	$1,710
Universities with Comprehensive Doctoral Programs but no Medical and/or Veterinary Schools:											
Idaho State University	13,943	Prof+A&S/SGC	MFT4/S/HTI	CompDoc/ NMedVet	M4/NR	$21,450	$17,149	$124	$519	$3,256	$402
Miami University-Oxford	16,884	Bal/SGC	FT4/MS/LTI	CompDoc/ NMedVet	L4/HR	$26,093	$13,210	$1,058	$579	$10,109	$1,137
University of Maine	11,894	Prof+A&S/HGC	FT4/S/LTI	CompDoc/ NMedVet	M4/R	$111,600	$59,800	$18,325	$4,460	$28,949	$66
University of Rhode Island	16,389	Bal/SGC	FT4/S/HTI	CompDoc/ NMedVet	L4/R	$102,630	$78,303	$5,823	$2,484	$14,858	$1,162
University of Texas at Dallas	15,783	Bal/HGC	MFT4/S/HTI	CompDoc/ NMedVet	L4/NR	$93,230	$33,216	$18,689	$2,001	$24,504	$14,820
Universities with Doctoral Programs Dominated by Professional Programs:											
Jackson State University	8,783	Bal/SGC	FT4/I	Doc/ Prof	M4/R	$49,998	$43,001	$0	$0	$5,051	$1,946
Louisiana Tech University	11,264	Prof+A&S/SGC	FT4/S/LTI	Doc/ Prof	M4/R	$27,583	$11,952	$2,143	$249	$13,203	$36
South Dakota State University	12,376	Prof+A&S/SGC	FT4/S/HTI	Doc/ Prof	M4/R	$69,680	$41,904	$13,822	$1,211	$5,747	$6,996
University of Massachusetts-Boston	14,912	Bal/SGC	MFT4/S/HTI	Doc/ Prof	L4/NR	$57,040	$26,958	$2,417	$188	$22,350	$5,127
University of Montana	14,921	Bal/SGC	FT4/S/LTI	Doc/ Prof	L4/NR	$60,159	$38,656	$2,007	$890	$16,613	$2,084
University of New Orleans	11,724	Bal/HGC	MFT4/S/HTI	Doc/ Prof	M4/NR	$35,359	$19,000	$6,188	$2,669	$6,975	$527
University of South Alabama	14,522	Bal/SGC	MFT4/S/HTI	Doc/ Prof	L4/NR	$42,233	$16,758	$40	$2,066	$23,369	$0

* Less than 20,000 students; undergraduate programs that are Balanced Arts & Sciences and Professional, or Professional with Arts & Sciences; and graduate programs that are Comprehensive Doctoral (with or without Medical and Veterinary Schools) or dominated by Professional programs.

Table 14: FY11 *Federal* Research Expenditures for Universities with Less than 20,000 Students and Comprehensive Doctoral Programs (in thousands of dollars)

Institution	Total Federal	DOD	DOE	HHS	NASA	NSF	USDA	Other
University of Rhode Island	$78,303	$6,451	$2,787	$18,888	$781	$17,737	$7,295	$24,364
University of Maine	$59,800	$6,083	$6,689	$3,708	$2,022	$14,291	$9,139	$17,868
University of Nevada-Reno	$57,220	$3,454	$14,041	$16,683	$1,043	$8,283	$4,199	$9,517
University of North Dakota	$54,058	$8,359	$22,464	$9,925	$6,004	$3,393	$2,273	$1,640
University of Texas Dallas	$33,216	$8,518	$2,852	$10,934	$1,309	$6,465	$78	$3,060
Idaho State University	$17,149	$2,186	$7,019	$2,692	$256	$3,581	$96	$1,319
University of South Dakota	$14,490	$455	$1,092	$8,618	$118	$3,443	$6	$758
Miami University-Oxford	$13,210	$1,083	$302	$4,179	$264	$5,323	$172	$1,887