

FY 2005 FEDERAL S&E OBLIGATIONS REACH OVER 2,400 ACADEMIC AND NONPROFIT INSTITUTIONS; DATA PRESENTED ON MINORITY-SERVING INSTITUTIONS

by Richard J. Bennof

The National Science Foundation's (NSF's) latest statistics from the Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions show that federal agencies obligated a new high of \$28.4 billion to 1,227 academic institutions for science and engineering (S&E) activities in FY 2005.¹ This amount represents an increase of 3.8% in current dollars (0.6% in inflation-adjusted constant 2000 dollars) over FY 2004 levels (table 1). This increase follows a 2.5% current-dollar increase (0.1% in constant 2000 dollars) in total federal academic S&E support between FY 2003 and FY 2004. Ninety-one institutions with high-Hispanic-enrollment (HHE) schools, 79 historically black colleges and universities (HBCUs), and 29 tribal colleges received federal S&E funding in FY 2005, as did 1,185 independent nonprofit institutions.

Categories of Academic S&E Support

Federal academic S&E obligations are divided into six categories: research and development (R&D), which has accounted for 84%–88% of total federal academic S&E obligations over the last decade; R&D plant; facilities and equipment for S&E instruction; fellowships, traineeships, and training grants (FTTGs); general support for S&E; and other S&E activities.

Federal academic R&D obligations totaled a new high of \$25.0 billion in FY 2005, a 5% current-dollar

¹This *InfoBrief* is revised. Data for high-Hispanic-enrollment institutions presented in table 5 and related text were revised to correct errors in data reporting.

TABLE 1. Federal academic S&E obligations, by activity: FY 2004–05

Activity	Amount (\$ millions)		% change	
	FY 2004	FY 2005	Current dollars	Constant 2000 dollars
Academic S&E obligations	27,338	28,370	3.8	0.6
Research and development	23,811	25,011	5.0	1.9
R&D plant	382	422	10.4	7.1
Facilities and equipment for S&E instruction	83	40	-51.7	-53.2
Fellowships, traineeships, and training grants	1,048	1,042	-0.6	-3.6
General support for science and engineering	421	398	-5.6	-8.4
Other S&E activities	1,593	1,457	-8.5	-11.2

NOTES: Percent change is based on unrounded numbers. Details may not add to totals because of rounding.

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, FY 2005.

increase (1.9% in constant 2000 dollars) over the prior year (table 1). The Department of Health and Human Services (HHS) was the source for 63% (\$15.8 billion) of all federal academic R&D obligations in FY 2005 (table 2) and for 58% of the total R&D increase between FY 2004 and FY 2005. Federal support for R&D plant rose by over 10% to a level of \$422 million in FY 2005 (table 1).

Each of the four remaining S&E categories showed decreased funding levels in FY 2005.



TABLE 2. Federal academic S&E obligations, by activity and agency: FY 2005

(Millions of dollars)

Activity	All obligations	DOD	DOE	HHS	NASA	NSF	USDA	Other agencies ¹
Academic S&E obligations	28,370.1	2,734.8	939.6	17,201.0	1,090.6	3,949.8	1,233.1	1,221.2
Research and development	25,010.7	2,504.3	935.5	15,817.4	1,087.4	3,152.0	726.8	787.3
R&D plant	421.8	0.2	4.1	187.8	3.2	176.3	0.0	50.2
Facilities and equipment for S&E instruction	40.0	8.6	0.0	0.0	0.0	8.7	0.8	22.0
Fellowships, traineeships, and training grants	1,042.3	6.2	0.0	854.9	0.0	40.3	42.5	98.4
General support for science and engineering	397.8	1.2	0.0	298.1	0.0	6.8	1.0	90.7
Other S&E activities	1,457.4	214.4	0.0	42.7	0.0	565.8	462.0	172.6

DOD = Department of Defense; DOE = Department of Energy; HHS = Department of Health and Human Services; NASA = National Aeronautics and Space Administration; NSF = National Science Foundation; USDA = Department of Agriculture.

¹Includes data for the following agencies: the Departments of Commerce, Education, Homeland Security, Housing and Urban Development, Interior, Labor, and Transportation; the Agency for International Development; the Environmental Protection Agency; the Appalachian Regional Commission; the Nuclear Regulatory Commission; the Office of Justice Programs (part of Department of Justice); and the Social Security Administration.

NOTES: Only the six agencies accounting for the largest amounts shown separately. Details may not add to totals because of rounding.

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, FY 2005.

- Federal obligations for FTTGs decreased by less than 1% to a level of just over \$1 billion, with HHS's Health Resources and Services Administration responsible for most of the decrease.
- Funds for facilities and equipment for S&E instruction fell to \$40 million, a 52% drop, with HHS, the Department of Commerce, and the Department of Defense (DOD) reporting most of the decline.
- Funding for general support projects totaled \$398 million, a 6% decrease stemming almost entirely from decreased HHS support.
- Obligations for other S&E activities decreased by over 8%, to \$1.5 billion.

Agency Sources

HHS accounted for 61% of all federal FY 2005 academic S&E obligations (table 2). Three agencies, NSF (14% of academic S&E), DOD (10% of academic S&E), and HHS, when combined, provided 84% of total federal academic S&E funding. The National Aeronautics and Space Administration (NASA), the Department of Agriculture (USDA), and the Department of Energy (DOE) provided most of the remaining academic S&E total (11.5%). Of these six agencies, NASA and NSF showed decreased constant 2000 dollar levels for academic S&E in FY 2005.

University Shares

The Johns Hopkins University (including its Applied Physics Laboratory) continued to be the leading academic recipient of federal S&E obligations in FY 2005 (table 3). Together, HHS and DOD provided Johns Hopkins with about five-sixths of its federal S&E funds. Over five-sixths of the university's total federal S&E obligations (\$1.23 billion) supported R&D programs, with most of the remainder allocated to other S&E activities.

The leading 20 universities ranked in terms of federal academic S&E obligations accounted for 34% of the federal academic S&E total in FY 2005. Nineteen of these 20 academic recipients were also ranked among the top 20 recipients in FY 2004. The University of North Carolina at Chapel Hill (ranked 17th in FY 2005, after being 21st the prior year) replaced Pennsylvania State University (ranked 22nd in FY 2005, after being 19th in FY 2004).

More academic institutions received federal S&E support in FY 2005 (1,227 academic institutions) than in all but 1 of the previous 32 years (1,242 academic institutions in FY 2004). Over the last decade, a small decrease in the number of universities and colleges that received R&D obligations (down to 908 institutions in FY 2005 from 921 institutions in FY 1995) has been

TABLE 3. Federal academic S&E support to the 20 leading universities in order of total S&E obligations, by agency: FY 2005 (Millions of dollars)

Institution	All obligations	DOD	DOE	HHS	NASA	NSF	USDA	Other agencies ¹
All institutions	28,370.1	2,734.8	939.6	17,201.0	1,090.6	3,949.8	1,233.1	1,221.2
Johns Hopkins U. ²	1,233.9	427.9	4.3	609.8	140.1	27.7	1.9	22.3
U. WA	663.3	47.3	16.8	473.5	8.6	83.7	6.4	27.0
U. PA	558.2	38.6	9.1	468.8	2.2	28.3	1.0	10.2
U. CA-Los Angeles	525.5	35.6	20.2	390.1	12.9	65.2	0.9	0.5
U. MI	513.1	25.7	13.9	377.6	11.1	70.7	1.7	12.5
Stanford U.	485.6	39.9	18.3	303.8	72.1	48.7	0.0	2.7
U. WI-Madison	476.9	15.3	25.8	257.9	9.1	132.9	31.2	4.7
U. CA-San Francisco	473.5	9.3	0.0	461.2	1.7	1.2	0.1	0.0
Duke U.	459.2	18.0	7.8	394.2	1.2	33.2	1.1	3.6
Columbia U.	447.2	20.6	12.8	320.0	0.0	69.9	0.1	23.7
Harvard U.	441.3	20.0	10.4	360.2	5.3	32.4	0.2	12.8
U. CA-San Diego	428.3	34.2	14.2	305.5	7.4	64.6	0.7	1.8
WA. U.	428.1	2.3	4.0	394.0	7.2	16.4	0.6	3.7
U. Pittsburgh	427.1	15.7	3.4	384.4	1.3	18.2	0.9	3.2
Yale U.	384.4	4.5	9.2	340.5	1.6	27.0	0.7	0.9
U. Colorado	367.6	16.0	7.2	237.6	39.0	42.6	0.1	25.1
U. NC Chapel Hill	363.1	12.4	3.5	309.1	1.5	24.4	0.5	11.7
U. Minnesota	362.1	19.0	7.2	236.8	5.7	48.8	26.6	17.9
Cornell U.	360.5	8.6	7.0	193.7	4.9	104.4	40.5	1.4
MA Inst of Technology	359.8	38.2	62.6	172.2	16.2	62.0	1.0	7.6
Top 20 institutions	9,758.5	849.0	257.7	6,990.9	349.1	1,002.5	116.1	193.2

DOD = Department of Defense; DOE = Department of Energy; HHS = Department of Health and Human Services; NASA = National Aeronautics and Space Administration; NSF = National Science Foundation; USDA = Department of Agriculture.

¹ Includes data for the Departments of Commerce, Education, Homeland Security, Housing and Urban Development, the Interior, Labor, and Transportation; Agency for International Development; Environmental Protection Agency; Appalachian Regional Commission; Nuclear Regulatory Commission; Office of Justice Programs (part of Department of Justice); and Social Security Administration.

² Includes funding for Applied Physics Laboratory.

NOTES: Only the six agencies accounting for the largest amounts shown separately. Details may not add to totals because of rounding.

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions: FY 2005.

offset by strong growth in the number that had R&D plant and FTTGs support.

Support in these two “capacity-building” categories, when combined, went from 789 institutions in FY 1995 to 983 institutions in FY 2005. Note that in the intervening years of the past decade the number of academic institutions that received federal R&D support ranged from 816 in FY 1999 (somewhat of a downward trend from FY 1995 to FY 1999) to 898 in FY 2003.

Federal S&E Support to Minority-Serving Academic Institutions

This *InfoBrief* is the first to present data from the Federal S&E Support survey on minority-serving institutions: historically black colleges and universities (HBCUs), high-Hispanic-enrollment (HHE) institutions, and tribal colleges. Federal academic S&E obligations to 79 of the 102 HBCUs totaled \$479 million in FY 2005 (table 4), a 1.5% increase over FY 2004 levels. HHS contributed just over one-third of all federal academic S&E

TABLE 4. Federal academic S&E support to the 20 leading historically black colleges and universities, ranked by total amount received, by agency: FY 2005

(Thousands of dollars)

Institution	All obligations	DOD	DOE	HHS	NASA	NSF	USDA	Other agencies ¹
All HBCUs	479,205	49,501	22,211	163,931	56,865	61,036	108,726	16,935
Hampton U.	44,072	3,338	871	3,360	33,545	2,691	0	267
Howard U.	32,200	2,196	398	23,233	772	4,978	0	623
Meharry Medical C.	30,701	1,367	0	29,334	0	0	0	0
Morehouse School of Medicine	28,724	300	0	28,354	70	0	0	0
FL A&M U.	23,229	9,091	352	5,243	282	1,934	6,037	290
Jackson State U.	22,140	6,890	0	10,235	138	3,992	289	596
NC Agricultural and Technical State U.	21,363	4,155	404	1,351	924	5,566	8,559	404
Tuskegee U.	20,502	1,102	1,705	10,110	430	1,305	5,754	96
TN State U.	16,865	1,922	220	2,214	1,584	3,464	7,461	0
Morgan State U.	12,838	1,600	692	4,461	4,857	1,197	0	31
AL A&M U.	11,712	1,359	0	389	2,723	1,277	5,964	0
Southern U. and A&M C. all campuses	11,588	1,379	771	514	682	2,444	4,446	1,352
Prairie View A&M U.	10,068	1,281	420	236	0	79	8,052	0
Xavier U. LA	9,985	0	108	7,794	0	1,247	15	821
Lincoln U. (Jefferson City, MO)	9,384	3,231	0	0	339	0	5,814	0
SC State U.	8,456	470	0	524	247	1,547	4,083	1,585
Ft. Valley State U.	8,378	9	1,500	174	0	434	6,234	27
VA State U.	8,260	978	0	34	0	1,000	5,901	347
NC Central U.	8,030	638	191	5,377	400	560	0	864
Morehouse C.	7,891	0	2,050	3,060	687	1,499	0	595
Top 20 institutions	346,386	41,306	9,682	135,997	47,680	35,214	68,609	7,898

DOD = Department of Defense; DOE = Department of Energy; HBCU = historically black college or university; HHS = Department of Health and Human Services; NASA = National Aeronautics and Space Administration; NSF = National Science Foundation; USDA = Department of Agriculture.

¹ Includes data for the Departments of Commerce, Education, Interior, Labor, and Transportation; Environmental Protection Agency; Office of Justice Programs (part of Department of Justice).

NOTE: Only the six agencies accounting for the largest amounts shown separately.

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions: FY 2005

obligations to HBCUs with USDA funding over one-fifth of the total. R&D programs accounted for over three-fifths of the HBCU total with other S&E activities totaling over one-fifth. For the second consecutive year, Hampton University was the leading HBCU recipient of federal S&E obligations, receiving \$44 million in FY 2005, with over three-fourths of the total from NASA. Just over \$9 of every \$10 in Hampton University's total federal S&E obligations were for R&D programs.

The leading 20 HBCUs ranked by federal academic S&E support accounted for 72% of the academic S&E

total for HBCUs in FY 2005. Seventeen of these 20 HBCU recipients were also ranked among the leading 20 recipients in FY 2004.

In FY 2005, 91 HHE institutions (out of 288) received \$590 million in federal academic S&E support. More than one-half of all federal academic S&E support to these institutions was from HHS, and 72% of the S&E total was for R&D projects.

The leading HHE recipient ranked in terms of FY 2005 federal academic S&E obligations was the University

of New Mexico, all campuses. Nearly two-thirds of its \$111 million academic S&E total was from HHS and the great majority was R&D related. The leading 20 HHE institutions accounted for 91% of the academic S&E total in FY 2005 for all such institutions (table 5).

There were 29 tribal colleges (from a total of 32) that received federal academic S&E obligations for FY 2005. NSF and the Department of Education, combined, funded 60% of the academic S&E total to tribal colleges (table 6). R&D programs comprised less of the total S&E support of tribal colleges (26%) than it did

for other types of institutions. Most tribal college funding was for other S&E activities (55%). The leading tribal college ranked in terms of federal S&E support received in FY 2005 was the United Tribes Technical College, located in Bismarck, North Dakota. Nearly all of its \$5.1 million went for other S&E programs, and about \$6 of every \$7 were from the Department of Education.

Federal S&E Support to Nonprofit Institutions

NSF collects statistics on federal obligations to independent nonprofit institutions for two of the six S&E

TABLE 5. Federal academic S&E support to the 20 leading high-Hispanic-enrollment institutions in order of total S&E obligations, by agency: FY 2005

(Thousands of dollars)

Institution	All obligations	DOD	DOE	ED	HHS	NASA	NSF	USDA	Other agencies ¹
All HHE institutions	590,098	75,921	17,805	16,538	310,308	29,430	95,537	31,653	12,906
U. NM all campuses ²	111,333	10,568	3,316	1,294	72,727	3,672	18,518	678	560
NM State U. all campuses	97,567	47,599	2,605	1,320	9,353	15,963	9,064	11,408	255
U. TX Health Science Ctr. San Antonio	88,801	2,080	0	0	85,822	150	379	0	370
FL International U.	41,327	5,817	8,369	443	13,972	279	9,841	223	2,383
U. PR Medical Sciences Campus	34,298	0	0	0	34,146	0	152	0	0
U. TX El Paso	31,906	1,113	194	1,059	10,613	68	16,565	0	2,294
U. PR Rio Piedras Campus	21,981	0	0	0	10,687	1,248	10,046	0	0
CUNY The City C.	21,405	30	172	0	10,334	2,677	7,627	0	565
U. PR Mayaguez Campus	21,035	2,113	502	0	2,968	0	2,141	13,080	231
U. TX San Antonio	16,526	1,151	0	1,083	11,056	267	779	861	1,329
CA State U. Los Angeles	13,111	487	20	0	8,511	1,329	2,764	0	0
Universidad Central del Caribe	7,622	0	0	0	7,622	0	0	0	0
CA State U. Northridge	5,276	605	69	0	1,326	0	3,076	200	0
Nova Southeastern U.	5,120	1,575	0	248	2,471	24	20	0	782
CUNY Herbert H. Lehman C.	4,356	0	50	0	3,347	0	609	350	0
CA State U. Fullerton	3,656	0	90	477	2,089	168	830	0	2
U. TX Brownsville	3,584	0	0	330	2,772	257	225	0	0
TX A&M U. Kingsville	3,523	183	61	361	2,211	0	120	587	0
CA State Polytechnic U. Pomona	3,293	0	0	0	1,422	70	1,779	22	0
U. PR Humacao	3,193	10	0	0	1,551	0	1,632	0	0
Top 20 institutions	538,913	73,331	15,448	6,615	295,000	26,172	86,167	27,409	8,771

DOD = Department of Defense; DOE = Department of Energy; ED = Department of Education; HHE = high Hispanic enrollment; HHS = Department of Health and Human Services; NASA = National Aeronautics and Space Administration; NSF = National Science Foundation; USDA = U.S. Department of Agriculture.

¹Includes data for the Departments of Commerce, Homeland Security, Interior, Labor, and Transportation; Agency for International Development; Environmental Protection Agency; Office of Justice Programs (part of Department of Justice); and Social Security Administration.

²University of New Mexico's Gallup campus is not a high-Hispanic-enrollment institution; data for the Gallup campus are therefore excluded from the total.

NOTES: Only the seven agencies accounting for the largest amounts shown separately. High-Hispanic-enrollment institutions are defined as having at least 25% Hispanic full-time equivalent undergraduate enrollment in fall 2004.

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, FY 2005.

TABLE 6. Federal academic S&E support to the 20 top-ranked tribal colleges in order of total S&E obligations, by agency: FY 2005
(Thousands of dollars)

Institution	All obligations	DOD	ED	HHS	NASA	NSF	OJP	USDA
All tribal colleges	36,142	1,826	10,190	1,754	819	11,638	2,150	7,765
United Tribes Technical C.	5,134	0	4,375	0	0	134	150	475
Salish Kootenai C.	4,471	400	644	396	498	2,134	0	399
Northwest Indian C.	2,367	399	871	141	0	620	0	336
Institute of American Indian Arts	2,327	0	0	0	0	0	2,000	327
Oglala Lakota C.	2,286	0	886	0	3	1,040	0	357
Ft. Belknap C.	2,204	352	472	0	0	1,109	0	271
Blackfeet Community C.	1,849	137	492	0	0	987	0	233
Turtle Mountain Community C.	1,685	66	444	67	0	848	0	260
Ft. Peck Community C.	1,340	0	395	139	0	594	0	212
Chief Dull Knife C.	1,281	0	0	0	0	1,023	0	258
Sisseton-Wahpeton Community C.	977	200	292	0	0	288	0	197
Ft. Berthold Community C.	935	239	0	0	0	489	0	207
Sinte Gleska U.	883	0	516	0	0	50	0	317
Dine C.	831	0	0	468	0	0	0	363
Stone Child C.	795	0	414	127	0	0	0	254
C. of Menominee Nation	773	0	0	0	0	500	0	273
Leech Lake Tribal C.	767	0	0	0	0	500	0	267
Lac Courte Oreilles Ojibwa Community C.	714	0	0	0	0	400	0	314
Sitting Bull C.	656	0	389	0	55	0	0	212
Little Big Horn C.	650	0	0	0	0	134	0	516
Top 20 institutions	32,925	1,793	10,190	1,338	556	10,850	2,150	6,048

DOD = Department of Defense; ED = Department of Education; HHS = Department of Health and Human Services; NASA = National Aeronautics and Space Administration; NSF = National Science Foundation; OJP = Office of Justice Programs (part of Department of Justice); USDA = Department of Agriculture.

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions: FY 2005.

categories—R&D and R&D plant. Federal S&E obligations to nonprofit institutions increased by nearly 5%, to a new high of \$6.4 billion, between FY 2004 and FY 2005 (table 7). Most of the increased funding was from DOD and NASA. Massachusetts General Hospital received the most federal R&D and R&D plant funds among nonprofits in FY 2005, with HHS providing most of its federal S&E support. The 10 leading nonprofit institutions in terms of these federal funds in FY 2005 received 30% of the total funding to all nonprofits. Six of these 10 nonprofit recipients were hospitals or medical research institutes. Each of these leading 10 nonprofits in FY 2005 also ranked among the top 10 in the prior year. Of all nonprofit recipients that were not hospitals or medical research institutes, the Mitre Corporation received the largest amount (\$283 million) of federal R&D and R&D plant obligations.

Data Notes

The data on federal S&E obligations to academic and nonprofit institutions presented in this *InfoBrief* were obtained from 19 agencies that participated in the FY 2005 Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions. The survey collects federal S&E support data by funding agency, institution, type of activity, type of institution, and geographic location. The six funding categories of federal S&E support are defined as follows:

- *Research and Development* includes all direct, indirect, incidental, or related costs resulting from or necessary to performing R&D by private individuals and organizations under grant, contract, or cooperative agreement.

TABLE 7. Federal research and development and R&D plant obligations to the 10 leading independent nonprofit institutions in order of total S&E obligations, by agency: FY 2005
(Thousands of dollars)

Institution	All obligations	DOD	DOE	EPA	HHS	NASA	NSF	Other agencies ¹
All nonprofit institutions	6,382,074	1,396,515	104,623	77,942	3,963,533	281,549	330,861	227,051
MA General Hospital	312,358	30,605	0	0	280,816	0	881	56
Mitre Corp.	282,943	280,685	0	0	442	0	278	1,538
Brigham and Women's Hospital	250,949	0	0	0	250,619	0	150	180
Fred Hutchinson Cancer Research Ctr.	202,272	8,351	143	0	192,714	0	1,064	0
Mayo Foundation	186,359	14,307	0	0	171,989	0	63	0
Henry M. Jackson Foundation	173,492	156,403	382	0	16,384	0	323	0
Battelle Memorial Institute	131,379	66,382	5,742	950	32,093	6,922	5	19,285
Beth Israel Deaconess Medical Ctr.	125,781	1,038	0	0	124,622	0	121	0
IIT Research Institute	118,405	113,917	0	0	4,488	0	0	0
Dana-Farber Cancer Institute	112,519	897	0	0	111,622	0	0	0
Top 10 institutions	1,896,457	672,585	6,267	950	1,185,789	6,922	2,885	21,059

DOD = Department of Defense; DOE = Department of Energy; EPA = Environmental Protection Agency; HHS = Department of Health and Human Services; NASA = National Aeronautics and Space Administration; NSF = National Science Foundation.

¹ Includes data for the Departments of Agriculture, Commerce, Education, Homeland Security, Housing and Urban Development, the Interior, Labor, and Transportation; Agency for International Development; Appalachian Regional Commission; Nuclear Regulatory Commission; Office of Justice Programs (part of Department of Justice); and Social Security Administration.

NOTE: Only the six agencies accounting for the largest amounts shown separately.

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions: FY 2005.

- *R&D plant* includes all projects whose principal purpose is to provide support for construction, acquisition, renovation, modification, repair, or rental of facilities, land, works, or fixed equipment for use in scientific or engineering R&D.
- *Facilities and equipment for S&E instruction* include all programs whose principal purpose is to provide support for construction, acquisition, renovation, modification, repair, or rental of facilities, land, works, or equipment for use in instruction in S&E.
- *Fellowships, traineeships, and training grants* include all fellowship, traineeship, and training grant programs that are directed primarily toward the development and maintenance of the scientific workforce.
- *General support for S&E* are funds used for scientific projects and support for activities within a specified discipline; explicit purpose is not specified.
- *Other S&E activities* include all academic S&E obligations that cannot be assigned elsewhere and

activities in support of technical conferences, teacher institutes, and programs aimed at increasing precollege and undergraduate students' scientific knowledge.

Institutions are identified as having *high Hispanic enrollment* for this report based on fall 2004 enrollment. They are institutions whose full-time equivalent (FTE) fall enrollment of undergraduate students is at least 25% Hispanic in a given year. The fall enrollment data are self-reported by the institutions to the Integrated Postsecondary Education Data System (IPEDS) survey conducted by the National Center for Education Statistics (NCES). The exact number and identification of HHE institutions can vary from year to year.

An HHE institution is not necessarily a Hispanic-serving institution (HSI). HSIs are eligible institutions that have recently received grants from the Department of Education's HSI program, authorized by Title V of the Higher Education Act of 1965, as amended. In 2005, eligibility for the HSI program was defined as nonprofit

institutions with at least 25% Hispanic FTE undergraduate enrollment and at least 50% of the Hispanic enrollment had to be low income. The Third Higher Education Extension Act of 2006 removed the low-income criterion for defining eligibility for the HSI program.

The full set of detailed statistical tables on the FY 2005 Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions will be available online at <http://www.nsf.gov/statistics/fedsupport/>.

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