

美國企業贊助大學校院研發經費首度攀升

根據美國國家科學基金會（National Science Foundation）上週公佈的報告顯示，在歷經三年來的衰退後，2005 年美國企業界對大學校院研發經費的補助顯著回升。依該最新年度調查報告，企業對大學校院研發經費的贊助上升了 7.7%，並達 23 億美元的新高。

儘管如此，企業贊助仍僅占大學校院整體研發經費的 5%，遠不及聯邦政府、州政府、地方政府及相關機構提供之補助。2005 年大學校院研發經費總計達 458 億美元，較前一年上漲 5.8%。整體而言，在 2002 及 2003 年連續下跌後，自 2000 年以來，研發經費至少攀升了 50%。2005 年聯邦政府計補助 292 億美元，為最大的經費來源，比前一年度仍微幅增加 5.6%。

上揭報導係美國國家基金會針對以 640 所授予科學及工程學士以上學位，並投注於研發達 15 萬美元的大學及研究機構所作調查。主持的 Ronda K. Britt 指出，研發經費原不應包含臨床實驗，惟受調機構仍多列入計算。

獲得聯邦政府經費補助最多的前四名大學校院及研究機構，仍與之前無異；約翰霍普金斯大學因該校設置之物理實驗室（Applied Physics Laboratory）計由聯邦獲得高達 6 億 4 千 9 百萬美元補助而拔得頭籌。威斯康辛大學麥迪遜分校則首次跨入前五名。亞利桑那州立大學是唯一新入榜一百名者。而猶他州立大學及湯瑪斯傑弗遜大學則下滑約 20 名，落於榜外。而排名進位幅度最大的維吉尼亞科技大學及加州大學聖塔芭芭拉分校，分別遞升至第 83 名及 88 名，進步幅度最大。其次則為德州 A&M 大學和紐澤西醫科大學。

附表 2005 年美國高等教育機構聯邦研發經費補助排行榜（單位：美元）

2005 年排行	2005 會計年度	2004 會計年度	年度差距	2005 年排行	2005 會計年度	2004 會計年度	年度差距
1. Johns Hopkins U. [*]	\$1,277,292,000	\$1,229,426,000	+3.9%	57. U. of Texas M.D. Anderson Cancer Center	\$160,953,000	\$150,529,000	+6.9%
2. U. of Washington	\$606,317,000	\$625,218,000	-3.0%	58. Yeshiva U.	\$160,894,000	\$151,520,000	+6.2%
3. Stanford U.	\$574,675,000	\$541,667,000	+6.1%	59. Michigan State U.	\$156,461,000	\$143,473,000	+9.1%
4. U. of Michigan	\$554,516,000	\$521,339,000	+6.4%	60. U. of Miami	\$156,059,000	\$141,943,000	+9.9%
5. U. of Wisconsin at Madison	\$477,582,000	\$434,423,000	+9.9%	61. Colorado State U.	\$154,245,000	\$162,074,000	-4.8%
6. U. of California at Los Angeles	\$469,889,000	\$461,145,000	+1.9%	62. State U. of New York at Buffalo	\$151,890,000	\$143,865,000	+5.6%
7. U. of Pennsylvania	\$465,284,000	\$435,343,000	+6.9%	63. Purdue U.	\$150,351,000	\$144,090,000	+4.3%
8. U. of California at San Diego	\$463,946,000	\$465,629,000	-0.4%	64. U. of Medicine and Dentistry of New Jersey	\$143,239,000	\$121,812,000	+17.6%
9. Massachusetts Institute of Technology	\$457,235,000	\$427,552,000	+6.9%	65. U. of Kentucky	\$142,794,000	\$129,887,000	+9.9%
10. Columbia U.	\$453,188,000	\$406,576,000	+11.5%	66. U. of South Florida	\$142,580,000	\$126,906,000	+12.4%
11. U. of Colorado	\$449,366,000	\$414,986,000	+8.3%	67. Wake Forest U.	\$141,685,000	\$120,075,000	+18.0%
12. U. of California at San Francisco	\$438,988,000	\$418,944,000	+4.8%	68. Rutgers U.	\$137,609,000	\$128,655,000	+7.0%
13. U. of Pittsburgh	\$420,281,000	\$394,444,000	+6.6%	69. U. of Connecticut	\$134,347,000	\$127,609,000	+5.3%
14. Washington U. in St. Louis	\$400,699,000	\$371,043,000	+8.0%	70. U. of Massachusetts at Worcester	\$130,680,000	\$126,162,000	+3.6%
15. Harvard U.	\$395,906,000	\$399,764,000	-1.0%	71. U. of New Mexico	\$129,557,000	\$112,299,000	+15.4%
16. Duke U.	\$376,568,000	\$347,896,000	+8.2%	72. U. of Maryland at Baltimore	\$129,270,000	\$141,221,000	-8.5%
17. Cornell U.	\$365,694,000	\$339,107,000	+7.8%	73. U. of Nebraska	\$129,216,000	\$115,833,000	+11.6%
18. Pennsylvania State U.	\$358,569,000	\$347,996,000	+3.0%	74. Louisiana State U.	\$128,324,000	\$112,169,000	+14.4%
19. Yale U.	\$332,702,000	\$330,837,000	+0.6%	75. State U. of New York at Stony Brook	\$125,781,000	\$123,124,000	+2.2%
20. U. of Southern California	\$330,126,000	\$312,589,000	+5.6%	76. Dartmouth College	\$122,329,000	\$123,109,000	-0.6%
21. U. of North Carolina at Chapel Hill	\$320,294,000	\$304,204,000	+5.3%	77. U. of Tennessee	\$121,004,000	\$109,357,000	+10.7%
22. U. of Minnesota	\$319,771,000	\$307,677,000	+3.9%	78. Wayne State U.	\$120,581,000	\$114,700,000	+5.1%
23. Baylor College of Medicine	\$300,638,000	\$312,669,000	-3.8%	79. Princeton U.	\$120,042,000	\$111,435,000	+7.7%
24. Ohio State U.	\$294,053,000	\$284,675,000	+3.3%	80. U. of Texas Medical Branch	\$117,235,000	\$102,491,000	+14.4%
25. U. of Arizona	\$292,811,000	\$283,956,000	+3.1%	81. U. of Texas Health Science Center at Houston	\$112,509,000	\$106,737,000	+5.4%
26. U. of California at Berkeley	\$290,960,000	\$268,830,000	+8.2%	82. U. of Kansas	\$110,768,000	\$101,920,000	+8.7%
27. U. of Illinois at Urbana-Champaign	\$289,985,000	\$275,896,000	+5.1%	83. Virginia Tech	\$109,842,000	\$95,669,000	+14.8%
28. U. of Alabama at Birmingham	\$288,434,000	\$261,664,000	+10.2%	84. North Carolina State U.	\$109,128,000	\$103,586,000	+5.4%
29. Vanderbilt U.	\$281,694,000	\$261,484,000	+7.7%	85. Oregon State U.	\$109,030,000	\$104,276,000	+4.6%
30. Scripps Research Institute	\$272,969,000	\$236,989,000	+15.2%	86. Medical U. of South Carolina	\$108,196,000	\$103,494,000	+4.5%
31. Emory U.	\$266,868,000	\$243,248,000	+9.7%	87. Florida State U.	\$105,747,000	\$102,967,000	+2.7%
32. U. of Rochester	\$257,497,000	\$231,193,000	+11.4%	88. U. of California at Santa Barbara	\$103,955,000	\$92,248,000	+12.7%
33. U. of Texas at Austin	\$254,529,000	\$235,281,000	+8.2%	89. State U. of New York at Albany	\$103,941,000	\$94,712,000	+9.7%
34. California Institute of Technology	\$249,371,000	\$244,187,000	+2.1%	90. U. of Georgia	\$102,966,000	\$96,348,000	+6.9%
35. U. of Chicago	\$245,679,000	\$229,102,000	+7.2%	91. Medical College of Wisconsin	\$102,859,000	\$100,547,000	+2.3%
36. Georgia Institute of Technology	\$245,130,000	\$237,483,000	+3.2%	92. Woods Hole Oceanographic Institution	\$100,747,000	\$100,456,000	+0.3%
37. Northwestern U.	\$244,113,000	\$230,593,000	+5.9%	93. Georgetown U.	\$100,328,000	\$95,852,000	+4.7%
38. U. of California at Davis	\$240,003,000	\$221,937,000	+8.1%	94. Tufts U.	\$98,200,000	\$92,997,000	+5.6%
39. U. of Florida	\$231,699,000	\$221,898,000	+4.4%	95. Iowa State U.	\$98,005,000	\$92,235,000	+6.3%
40. Boston U.	\$228,842,000	\$219,054,000	+4.5%	96. Virginia Commonwealth U.	\$97,322,000	\$89,066,000	+9.3%
41. Oregon Health & Science U.	\$217,145,000	\$206,219,000	+5.3%	97. U. of Missouri at Columbia	\$96,038,000	\$90,304,000	+6.3%
42. U. of Iowa	\$216,354,000	\$209,865,000	+3.1%	98. U. of Texas Health Science Center at San Antonio	\$95,125,000	\$89,662,000	+6.1%
43. Texas A&M U.	\$212,923,000	\$173,705,000	+22.6%	99. Tulane U.	\$94,628,000	\$87,917,000	+7.6%
44. Case Western Reserve U.	\$212,485,000	\$195,525,000	+8.7%	100. Arizona State U.	\$94,545,000	\$79,877,000	+18.4%
45. U. of Cincinnati	\$202,654,000	\$194,965,000	+3.9%				
46. U. of Texas Southwestern Medical Center at Dallas	\$202,057,000	\$200,888,000	+0.6%				
47. U. of Virginia	\$200,726,000	\$188,121,000	+6.7%				
48. U. of Illinois at Chicago	\$198,163,000	\$192,825,000	+2.8%				
49. U. of Maryland at College Park	\$196,008,000	\$180,943,000	+8.3%				
50. New York U.	\$191,782,000	\$181,441,000	+5.7%				
51. Mount Sinai School of Medicine	\$191,326,000	\$185,249,000	+3.3%				
52. U. of Hawaii-Manoa	\$190,137,000	\$187,035,000	+1.7%				
53. Carnegie Mellon U.	\$173,902,000	\$172,858,000	+0.6%				
54. Indiana U.	\$171,528,000	\$166,913,000	+2.8%				
55. U. of Utah	\$168,652,000	\$161,119,000	+4.7%				
56. U. of California at Irvine	\$161,524,000	\$150,995,000	+7.0%				
				前 100 名大學校院研發經費總數	\$23,552,534,000	\$22,291,818,000	+5.7%
				所有大學校院研發經費總數	\$29,167,128,000	\$27,619,832,000	+5.6%
包含 2005 年由聯邦補助 6 億 4 千 9 百萬美元及 2004 年補助 6 億 4 千 3 百萬美元之物理實驗室研發經費							

資料來源：國家科學基金會

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