

# **The Trustees of Columbia University in the City of New York**

**Report on Federal Awards in Accordance with  
OMB Circular A-133**

**For the year ended June 30, 2008**

**Employer Identification Number 13-5598093**

**The Trustees of Columbia University in the City of New York**  
**Report in Connection with OMB Circular A-133**  
**For the year ended June 30, 2008**  
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## Report of Independent Auditors

The Board of the Trustees of  
Columbia University in the City of New York

In our opinion, the accompanying consolidated balance sheet and the related consolidated statements of activities and cash flows present fairly, in all material respects, the financial position of The Trustees of Columbia University in the City of New York (the "University") at June 30, 2008, and the changes in its net assets and its cash flows for the year then ended, in conformity with accounting principles generally accepted in the United States of America. These financial statements are the responsibility of the University's management. Our responsibility is to express an opinion on these financial statements based on our audit. The prior year's summarized comparative information has been derived from the University's June 30, 2007 financial statements, and in our report dated September 21, 2006, we expressed an unqualified opinion on those financial statements. We conducted our audit of these statements in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in Government Auditing Standards, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, and evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

As discussed in Note 13 to the consolidated financial statements, in fiscal year 2008 the University changed its accounting for cash distributions from certain investments in the statement of cash flows. Also as discussed in Note 13, in fiscal year 2007 the University changed the manner in which it accounts for defined benefit and postretirement plans.

In accordance with *Government Auditing Standards*, we have also issued our report dated October 10, 2008 on our consideration of the University's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts and grant agreements and other matters for the year ended June 30, 2008. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* and should be considered in assessing the results of our audit.

Our audit was conducted for the purpose of forming an opinion on the basic consolidated financial statements taken as a whole. The accompanying Summary Schedule of Expenditures of Federal Awards and Supplemental Schedule of Expenditures of Federal Awards are presented for purposes of additional analysis as required by U.S. Office of Management and Budget Circular A-133, *Audits of States, Local Governments, and Non-Profit Organizations*, and are not a required part of the basic financial statements. Such information has been subjected to the auditing procedures applied in the audit of the basic financial statements and, in our opinion, is fairly stated in all material respects, in relation to the basic financial statements taken as a whole.



New York, New York  
October 10, 2008

**The Trustees of Columbia University in the City of New York**  
**Consolidated Balance Sheet**  
**At June 30, 2008, with Comparative Totals at June 30, 2007**  
(in thousands of dollars)

	June 2008	June 2007
<b>Assets</b>		
Cash and cash equivalents	\$282,713	\$405,060
Accounts receivable, net:		
Government agencies	135,029	69,011
Patient receivables	76,905	83,409
Other	168,298	143,061
Investment income receivable, net	2,479	3,740
Receivable for securities sold	309,343	172,091
Cash and securities held in trust by others	221,264	87,710
Pledges receivable, net	258,938	238,784
Student loans receivable, net	89,556	82,874
Collateral for securities loaned	70,946	58,781
Investments, at fair value	7,083,705	7,244,125
Institutional real estate	682,070	655,249
Land, buildings, and equipment, net	2,108,139	1,915,324
Other assets	66,437	66,320
Net assets held by CPMC Fund, Inc.	127,814	130,749
Interest in perpetual trusts held by others	157,583	148,174
<b>Total assets</b>	<b>\$11,841,219</b>	<b>\$11,504,462</b>
<b>Liabilities</b>		
Accounts payable and accrued expenses	\$498,644	\$447,482
Liabilities for securities purchased	8,544	25,602
Securities loan agreement payable	70,946	58,781
Prepaid tuition and other deferred credits	46,965	47,716
Deferred revenue and unamortized bond premium	71,046	60,814
Refundable advances	88,584	77,143
Capital lease obligations	83,097	84,388
Conditional asset retirement obligations	93,881	57,501
Accrued employee benefit liabilities	164,857	150,260
Federal student loan funds	75,465	70,441
Actuarial liability for split-interest agreements	35,331	28,991
Bonds and notes payable	1,434,728	1,241,900
<b>Total liabilities</b>	<b>2,672,088</b>	<b>2,351,019</b>
<b>Net assets</b>		
Unrestricted	6,496,155	6,695,615
Temporarily restricted	854,310	778,726
Permanently restricted	1,818,666	1,679,102
<b>Total net assets</b>	<b>9,169,131</b>	<b>9,153,443</b>
<b>Total liabilities and net assets</b>	<b>\$11,841,219</b>	<b>\$11,504,462</b>

See accompanying notes to financial statements.

**The Trustees of Columbia University in the City of New York**  
**Consolidated Statement of Activities**  
**For the Year Ended June 30, 2008, with Comparative Totals at June 30, 2007**  
(in thousands of dollars)

	Unrestricted	Temporarily Restricted	Permanently Restricted	June 2008	June 2007
<b>Operating activities</b>					
<b>Revenues and support</b>					
Tuition and fees	\$772,126			\$772,126	\$728,349
Less financial aid grants	(207,479)			(207,479)	(186,256)
Net tuition and fees	564,647			564,647	542,093
Government grants and contracts:					
Direct	507,035			507,035	463,475
Indirect	160,221			160,221	152,499
Private gifts, grants and contracts:					
Direct	253,181	\$138,041		391,222	343,535
Indirect	10,746			10,746	9,871
Revenue from other educational and research activities	191,744			191,744	195,045
Patient care revenue	703,503			703,503	663,466
Investment income and gains utilized	374,679	5,278		379,957	335,102
Sales and services of auxiliary enterprises	107,920			107,920	102,002
State aid	3,263			3,263	3,447
Other sources	13,744			13,744	11,732
Net assets released from restrictions	62,667	(62,667)			
<b>Total operating revenues and support</b>	<b>2,953,350</b>	<b>80,652</b>		<b>3,034,002</b>	<b>2,822,267</b>
<b>Expenses</b>					
Instruction and educational administration	1,110,579			1,110,579	986,688
Research	393,035			393,035	388,245
Patient care expense	642,342			642,342	606,356
Library	62,073			62,073	60,653
Operation and maintenance of plant	157,636			157,636	147,285
Institutional support	185,226			185,226	157,971
Auxiliary enterprises	97,461			97,461	94,251
Depreciation expense	153,991			153,991	146,310
Interest expense	50,313			50,313	49,633
Other	42,153			42,153	50,963
<b>Total expenses</b>	<b>2,894,809</b>			<b>2,894,809</b>	<b>2,688,355</b>
<b>Change in net assets from operating activities</b>	<b>58,541</b>	<b>80,652</b>		<b>139,193</b>	<b>133,912</b>
<b>Nonoperating activities</b>					
Endowment gifts			\$130,131	130,131	123,756
Current year realized and unrealized capital gains (losses)	(7,591)	28,899	(1,545)	19,763	1,304,158
Endowment appreciation utilized	(226,964)	(25,145)		(252,109)	(214,865)
Change in net assets held by CPMC Fund, Inc.	(2,935)			(2,935)	18,494
Change in funds held by others in perpetuity			9,409	9,409	11,622
Present value adjustment to split-interest agreements	(412)	(8,822)	1,569	(7,665)	(2,969)
Changes in pension and post retirement obligations	(20,099)			(20,099)	
<b>Change in net assets from nonoperating activities</b>	<b>(258,001)</b>	<b>(5,068)</b>	<b>139,564</b>	<b>(123,505)</b>	<b>1,240,196</b>
<b>Change in net assets</b>	<b>(199,460)</b>	<b>75,584</b>	<b>139,564</b>	<b>15,688</b>	<b>1,374,108</b>
<b>Cumulative effect of change in accounting for FAS 158</b>					<b>(48,680)</b>
<b>Change in net assets after cumulative effect of change in accounting</b>	<b>(199,460)</b>	<b>75,584</b>	<b>139,564</b>	<b>15,688</b>	<b>1,325,428</b>
<b>Net assets at beginning of year</b>	<b>6,695,615</b>	<b>778,726</b>	<b>1,679,102</b>	<b>9,153,443</b>	<b>7,828,015</b>
<b>Net assets at end of period</b>	<b>\$6,496,155</b>	<b>\$854,310</b>	<b>\$1,818,666</b>	<b>\$9,169,131</b>	<b>\$9,153,443</b>

See accompanying notes to financial statements.

**The Trustees of Columbia University in the City of New York**  
**Consolidated Statement of Cash Flows**  
**For the Year Ended June 30, 2008, with Comparative Totals at June 30, 2007**  
**(in thousands of dollars)**

	June 2008	June 2007
<b>Cash flows from operating activities</b>		
(Includes adjustments to reconcile change in net assets to net cash provided by operating activities):		
Change in net assets	\$15,688	\$1,325,428
Cumulative effect of change in accounting for FAS 158		48,680
Depreciation expense	153,991	146,310
Interest on capital lease obligations and CARO	9,421	3,468
Institutional real estate depreciation	15,632	16,505
Realized and unrealized (gains) losses	(19,763)	(1,304,158)
Partnership distributions	448,496	519,108
Contributions restricted for permanent investment, plant, and split-interest agreements	(136,504)	(79,169)
Contributions other than cash	(96,616)	(61,869)
Present value adjustments to split-interest agreements	7,577	3,006
Accreted interest on bonds	2,445	2,476
Change in fair value of net assets held by CPMC Fund, Inc.	2,935	(18,494)
Change in fair value of interest in perpetual trusts held by others	(9,409)	(11,622)
Change in operating assets and liabilities:		
Accounts receivable, net	(84,751)	1,431
Investment income receivable, net	1,261	(2,078)
Pledges receivable, net	(20,154)	(30,981)
Other assets	(117)	2,137
Accounts payable and accrued expenses	68,605	67,888
Prepaid tuition and other deferred credits	(751)	(59)
Deferred revenue and unamortized bond premium	10,232	(5,609)
Refundable advances	11,441	9,087
Accrued employee benefit liabilities	14,597	9,015
<b>Net cash provided by operating activities</b>	<b>394,256</b>	<b>640,500</b>
<b>Cash flows from investing activities</b>		
Proceeds from sales of investments	2,421,902	3,246,054
Purchases of investments	(2,747,912)	(3,840,371)
Collections from student notes	9,224	11,425
Student notes issued	(15,906)	(18,578)
Investment in cash and securities held in trust by others	(133,554)	91,056
Purchases of institutional real estate	(44,694)	(37,282)
Purchases of plant and equipment	(327,344)	(243,732)
<b>Net cash used by investing activities</b>	<b>(838,284)</b>	<b>(791,428)</b>
<b>Cash flows from financing activities</b>		
Proceeds from contributions for:		
Investment in endowment	92,200	63,910
Investment in plant	28,352	11,878
Investment in split-interest agreements	15,952	3,381
Investment income on split-interest agreements	2,508	2,149
Payments on split-interest agreements	(3,741)	(3,298)
Payments on capital lease obligations	(8,996)	(9,468)
Repayment of bonds and notes payable	(140,603)	(46,030)
Proceeds from bond issuance	330,985	39,661
Net change in federal student loan funds	5,024	3,938
<b>Net cash provided by financing activities</b>	<b>321,681</b>	<b>66,121</b>
Net change in cash and cash equivalents	(122,347)	(84,807)
Cash and cash equivalents at beginning of year	405,060	489,867
<b>Cash and cash equivalents at end of year</b>	<b>\$282,713</b>	<b>\$405,060</b>
Supplemental disclosure of cash flow information:		
Equipment and space acquired through capital leases	\$3,938	\$13,580
Cash paid during the year for interest	\$54,188	\$60,767

See accompanying notes to financial statements.

**The Trustees of Columbia University in the City of New York**  
**Notes to the Consolidated Financial Statements**  
**June 30, 2008 and 2007**  
**(All amounts are in thousands of dollars, unless otherwise noted)**

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**1. Organization**

The Trustees of Columbia University in the City of New York (the “University”) is a private, nonsectarian, nonprofit institution of higher education whose activities are concentrated at two locations in New York City and extend around the globe. The University provides instruction through sixteen undergraduate, graduate, and professional schools. It operates a variety of research institutes and a library system to support its teaching, learning, and research activities. The University performs research, training, and other services under grants and contracts with agencies of the federal government and other sponsoring organizations. The University enrolls approximately 24,900 full-time and part-time students and employs approximately 14,100 full-time employees, including 5,239 full-time faculty members and research staff. Of these, 1,187 hold positions in the arts and sciences; 3,120 hold health science positions; and the remainder hold positions in the other professional schools.

The University is a nonprofit corporation under Section 501(c)(3) of the Internal Revenue Code.

**2. Columbia University Medical Center**

Columbia University Medical Center (“CUMC”), a division of the University, located in the Washington Heights section of northern Manhattan, is one of the largest academic medical centers in the United States. It is composed of four schools: College of Physicians and Surgeons, Mailman School of Public Health, College of Dental Medicine, and School of Nursing. CUMC’s activities also include extensive patient care services provided by its faculty members.

CUMC has three primary areas of focus: scientific research, education, and patient care. CUMC offers a wide variety of degrees, certifications, and continuing education in the health care field. Sponsored research, faculty patient care services, tuition, endowment income, patent royalties, and gifts provide the bulk of CUMC’s revenues. Approximately 3,500 students are enrolled at CUMC, with a full-time faculty of 2,162, of whom approximately 245 are tenured. Additionally, CUMC’s staff includes 3,313 part-time faculty instructors, 971 full-time researcher staff members, 1,105 part-time researchers, and 375 post doctoral research trainees. Approximately 69 percent of the full-time faculty and 47 percent of the part-time faculty hold clinical appointments and have admitting privileges at NewYork-Presbyterian Hospital (“NYPH”) or other hospitals.

**Patient Care Activities**

Patient Care activities include patient visits handled by Columbia part-time and full-time faculty through its medical faculty practice plan, as well as clinical and educational services provided to hospitals and other health care institutions through contractual agreements for services.

CUMC maintains several clinical and education affiliation agreements with other organizations. The most significant affiliation agreements are with NYPH, Harlem Hospital, and St. Luke’s–Roosevelt Hospital Center. In addition, certain faculty physicians provide patient care and supervision of residents at NYPH network hospitals and other affiliates. Through interinstitutional “medical service agreements,” CUMC faculty also provide patient care in specialty and subspecialty areas at hospitals in the tristate area and occasionally in other parts of the country.

The full-time and part-time clinical faculty handled approximately 1.9 million outpatient and emergency room visits and participated in instruction and supervision of 600 University medical students and 800 residents and fellows at NYPH. CUMC physicians generated 63,600 NYPH hospital admissions during the year.

**The Trustees of Columbia University in the City of New York**  
**Notes to the Consolidated Financial Statements**  
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**(All amounts are in thousands of dollars, unless otherwise noted)**

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Payments for patient-care services provided by the full-time faculty in both institutional and private office settings are derived mainly from third-party payers, including managed care companies (64 percent), Medicare (13 percent), commercial insurance (6 percent), Medicaid (2 percent), direct patient payments (12 percent), and other (3 percent).

**3. Summary of Significant Accounting Policies**

The significant accounting policies of the University are as follows:

**Basis of Consolidation**

The accompanying consolidated financial statements of the University include the accounts of all academic and administrative departments of the University. Additionally, the consolidated financial statements include the net assets and activities of the following entities, for which the University maintains managerial and financial control:

- Columbia Investment Management Company, LLC—Columbia Investment Management Company, LLC (“CIMC”) is a New York limited liability company formed by the University to manage the University’s investment assets under the supervision of a Board appointed by the Trustees of the University and subject to the oversight of the Committee on Finance of the Trustees.
- Columbia University Press—Columbia University Press is a not-for-profit corporation formed to promote the study of economic, historical, literary, philosophical, scientific, and other subjects and to encourage and promote the publication of literary works embodying original research in such subjects.
- Reid Hall, Inc.—Reid Hall, Inc., located in Paris, France, was donated to the University in 1964. Reid Hall, Inc., a corporation organized under New York membership corporation law as an educational and charitable organization, operates Reid Hall to promote, facilitate, and aid the educational, cultural, and social interests of students studying in France.
- The University holds nine New York limited liability companies, one Delaware not-for-profit corporation, as well as one Swaziland not-for-profit company, which are established to facilitate various program and research objectives in Africa.

The University provides custodial services and manages all of the assets of Columbia Presbyterian Medical Center Fund, Inc. (“CPMC Fund, Inc.”), a not-for-profit corporation that exists to solicit gifts for the University and NYPH. The consolidated financial statements reflect the University’s interest in the net assets of CPMC Fund, Inc. as well as the assets and amounts due NYPH.

The University is also the sole corporate member of two not-for-profit physician private practice entities, Columbia Ophthalmology Consultants, Inc., and Columbia University Healthcare, Inc., and, as such, consolidates these entities into the University’s consolidated financial statements.

All significant intercompany accounts have been eliminated in consolidation.

**Accrual Basis**

The consolidated financial statements of the University have, in all material respects, been prepared on an accrual basis.



**The Trustees of Columbia University in the City of New York**  
**Notes to the Consolidated Financial Statements**  
**June 30, 2008 and 2007**  
**(All amounts are in thousands of dollars, unless otherwise noted)**

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**Basis of Presentation**

The University maintains its accounts in accordance with the principles of fund accounting. Under this method of accounting, resources for various purposes are classified into funds that are consistent with activities or objectives specified by donors. Separate accounts are maintained for each fund.

For reporting purposes, the University prepares its consolidated financial statements in accordance with accounting principles generally accepted in the United States of America (“GAAP”) and as such, with the provisions of Statement of Financial Accounting Standards No. 117 (“SFAS No. 117”), *Financial Statements of Not-for-Profit Organizations*. SFAS No. 117 requires that resources be classified for reporting purposes based on the existence or absence of donor-imposed restrictions. This is accomplished by classification of fund balances into three categories of net assets – unrestricted, temporarily restricted, and permanently restricted. Descriptions of the three net asset categories and the type of transactions affecting each category follow.

*Unrestricted*—Net assets that are not subject to donor-imposed restrictions. This category includes unrestricted gifts, certain endowment income balances, certain board-designated endowment principal balances, including capital appreciation on such balances, certain plant funds, University-designated loan funds, and other unrestricted designated and undesignated current funds.

*Temporarily restricted*—Net assets that are subject to legal or donor-imposed stipulations that will be satisfied either by actions of the University, the passage of time, or both. These net assets include gifts donated for a particular purpose, amounts subject to time restrictions such as funds pledged for future payment, or amounts subject to legal restrictions such as portions of otherwise unrestricted capital appreciation, which must be reported as temporarily restricted in accordance with New York law. Once restrictions are satisfied, or have been deemed to have been satisfied, those temporarily restricted net assets are released from restrictions, except for temporarily restricted revenue earned and expended in the same fiscal year, which is recorded as unrestricted revenue.

*Permanently restricted*—Net assets that are subject to donor-imposed stipulations that will be invested to provide a perpetual source of income to the University. Donors of these assets require the University to maintain and invest the original contribution in perpetuity but permit the use of some or all investment earnings for operating or other purposes.

**Revenues and Expenses**

Revenues are reported as increases in unrestricted net assets unless the use of those assets is limited by donor-imposed restrictions. Expenses are reported as decreases in unrestricted net assets. Gains and losses on investments are reported as increases or decreases in unrestricted net assets, unless their use is restricted by explicit donor stipulation or by law.

**Tuition and Fees and Financial Aid**

Tuition and fees are derived from degree programs as well as executive and continuing education programs. Tuition and fee revenue is recognized as operating income in the period in which it is earned. Tuition and fee receipts received in advance are recorded as deferred revenue. Net tuition and fees are computed after deducting certain scholarships and fellowships awarded to students. In order to assist students in meeting tuition and other costs of attendance, the University administers a variety of federal, state, institutional, and private programs. Financial aid packages to students may include direct grants, loans, and employment during the academic year.

**The Trustees of Columbia University in the City of New York**  
**Notes to the Consolidated Financial Statements**  
**June 30, 2008 and 2007**  
**(All amounts are in thousands of dollars, unless otherwise noted)**

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**Contributions**

Contributions, including unconditional promises to give (“pledges”), are recognized as operating revenue in the period earned. Pledges that are expected to be collected within one year are recorded at their net realizable value. Amounts expected to be collected in future years are recorded at the present value of estimated future cash flows. The discounts on those pledges are computed using a risk-free interest rate applicable to the year in which the promise was received. Subsequent years’ accretion of the discount is included in contribution revenue. Conditional promises to give are not recognized as revenue until such time as the conditions are substantially met.

**Patient Care Revenue and Expense**

Patient care activities relate to three distinct areas: Medical faculty practice plans, affiliation agreements, and medical service agreements.

The University provides medical care to patients via faculty practice at CUMC, primarily under agreements with third-party payors. Agreements with third-party payors, including health maintenance organizations, provide payment for medical services at amounts different from standard rates established by the University. Medical faculty practice plan revenue is reported net of two items: (a) contractual allowances from third-party payors for services rendered and (b) estimates of uncollectible amounts.

The University maintains several clinical and education affiliation agreements with other organizations. The University provides medical, professional, and supervisory staff as well as other technical assistance. Revenues and expenses from these agreements are accounted for in patient care categories of the operating activity in the Consolidated Statement of Activities.

**Grant and Contract Income**

The University receives grant and contract income from governmental and private sources. The University recognizes revenue associated with the direct costs of sponsored programs as the related costs are incurred. Recovery of facilities and administrative costs of federally sponsored programs are at reimbursement rates negotiated with the University’s cognizant agency, the Department of Health and Human Services. The University and the federal government are currently operating under an agreement that provides for facilities and administrative cost rates under federal grants and contracts through June 30, 2011.

**Research and Development**

The University engages in numerous research and development projects, partially or fully sponsored by governmental and private funds. These costs are charged to operating expense as incurred. The University periodically funds and develops patents for certain technologies, then licenses the usage of these patents to companies over several years. The revenue, net of payments due to third parties, is recorded in “Revenue from other educational and research activities” in the Consolidated Statement of Activities. Costs incurred with developing and maintaining these patents are expensed as incurred.

**Cash and Cash Equivalents**

Cash and cash equivalents are recorded at fair value and include several depository accounts, checking accounts, institutional money market funds, and similar temporary investments with maturities of three months or less at the date of purchase.

**The Trustees of Columbia University in the City of New York**  
**Notes to the Consolidated Financial Statements**  
**June 30, 2008 and 2007**  
(All amounts are in thousands of dollars, unless otherwise noted)

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**Investments**

The University's investments, consisting of publicly traded fixed income and equity securities, alternative investments, and cash held for reinvestment, are stated at fair value as of June 30, 2008. Alternative investments include hedge fund investments ("Hedge Funds") and private equity and real estate investments ("Private Equity Funds"). The management of the respective fund provides the fair value of the investment. The University reflects its share of the partnership interest in the consolidated financial statements unless it demonstrates "control" of the partnership, in which case it consolidates the investment.

The University believes that the carrying amount of its alternative investments is a reasonable estimate of fair value as of June 30, 2008. Because alternative investments are not marketable, the estimated value is subject to uncertainty and, therefore, may differ from the value that would have been used had a ready market for the investment existed. Such differences could be material. The amount of gain or loss associated with these investments is reflected in the accompanying consolidated financial statements based on the University's proportionate share in the net assets of these investments.

The University records both the assets and corresponding liabilities generated by securities lending transactions as "Collateral for securities loaned" and "Securities loan agreement payable." The loaned securities are returnable on demand and are collateralized by cash and cash equivalents.

The University records purchases and sales of securities on a trade-date basis. Realized gains and losses are determined on the basis of average cost of securities sold and are reflected in the Consolidated Statement of Activities. Dividend income is recorded on the ex-dividend date, and interest income is recorded on an accrual basis.

**Split-Interest Agreements**

The University's split-interest agreements with donors consist primarily of charitable gift annuities, pooled income funds, and irrevocable charitable remainder trusts for which the University serves as custodian and trustee. Assets are invested and payments are made to donors and/or other beneficiaries in accordance with the respective agreements.

Contribution revenues for split-interest agreements are recognized at the dates the agreements are established net of the present value of the estimated future payments to be made to the beneficiaries, if applicable, under these agreements. Assets related to these agreements are recorded in "Investments, at fair value," and the liability for the net of the present value of the estimated future payments to be made to the beneficiaries is recorded in "Actuarial liability for split-interest agreements." Adjustments to the fair value of these agreements are recorded in the Consolidated Statement of Activities under "Present value adjustment to split-interest agreements."

**Institutional Real Estate**

Institutional real estate consists primarily of properties proximate to the University's Morningside and Washington Heights campuses, the primary purpose of which is to house faculty, staff, and graduate students. The income earned on this investment is used primarily to finance operating expenditures. The properties are valued at cost and depreciated over a useful life of fifty years.

**The Trustees of Columbia University in the City of New York**  
**Notes to the Consolidated Financial Statements**  
**June 30, 2008 and 2007**  
(All amounts are in thousands of dollars, unless otherwise noted)

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**Land, Buildings, and Equipment**

Land, buildings, and equipment are stated at cost net of accumulated depreciation. Depreciation is calculated on a straight-line basis over useful lives ranging from ten to forty years for buildings and improvements and five to twenty years for equipment, consistent with the method used for government cost reimbursement purposes. Capitalized software costs are amortized over seven years. Upon disposal of assets, the costs and accumulated depreciation are removed from the accounts, and the resulting gain or loss is included in operations.

**Other Assets**

Prepaid expenses, bond issuance costs, and the University's equity in the Medical Center Insurance Company ("MCIC") are categorized within other assets. Bond issuance costs are amortized over the expected holding period of the specific debt issue.

**Collections**

Collections at the University include works of art, literary works, historical treasures, and artifacts that are maintained in the University's galleries, libraries, and buildings. These collections are protected and preserved for public exhibition, education, research, and the furtherance of public service and, therefore, are not recognized as assets on the Consolidated Balance Sheet. Costs associated with purchasing additions and maintaining these collections are recorded as operating expenses in the period in which the items are acquired.

**Interest in Perpetual Trusts Held by Others**

The University is the beneficiary of certain perpetual trusts administered by others. These trusts are recognized as permanently restricted contributions upon establishment and adjusted to fair value each year.

**Capital Lease Obligations**

Capital lease obligations are recognized for equipment and space where substantially all of the risks of ownership have been transferred to the University. The obligations extend up to five years for equipment and up to fifty years for space.

**Conditional Asset Retirement Obligations**

Conditional asset retirement obligations, as adopted on June 30, 2006, under Financial Accounting Standards Board ("FASB") Interpretation No. 47 ("FIN 47"), *Accounting for Conditional Asset Retirement Obligations* (an interpretation of FASB Statement No. 143), are recognized for remediation or disposal of asbestos, underground storage tanks, soil, and radioactive sources and equipment as required by law. The fair value of the liability for a conditional asset retirement obligation is recognized in the period in which it occurred, provided that it can be reasonably estimated.

**Use of Estimates**

The preparation of consolidated financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the consolidated financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates. The most significant estimates include valuation of investments without readily determinable public markets, actuarially determined costs associated with split-interest agreements, pension, postemployment and postretirement benefits, contractual allowances for patient receivables, and allowances for doubtful accounts.

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**2007 Presentation**

While comparative information is not required under GAAP, the University believes that this information is useful and has included summarized financial information from the consolidated financial statements for 2007. This summarized information is not intended to be a full presentation in conformity with GAAP, which would require certain additional information. Accordingly, such information should be read in conjunction with the University's audited consolidated financial statements for the year ended June 30, 2007. In addition, certain amounts in the summarized consolidated financial statements for fiscal year 2007 have been reclassified to conform to the fiscal year 2008 presentation.

In 2008, the University revised the presentation of revenues and expenses relating to medical faculty practice plan activities and hospital affiliation agreements and reflects these activities on a combined basis as "Patient care revenues" and "Patient care expenses" in the Consolidated Statement of Activities for the year ended June 30, 2008. The Consolidated Statement of Activities for the year ended June 30, 2007, as originally reported, included a separate category for "Medical faculty practice plan income" of \$445,009. The previous presentation also reflected certain hospital affiliation agreements in two categories of revenue – within government grants activity (\$52,013) and within "Revenue from other educational and research activities" (\$166,444). In addition, the Consolidated Statement of Activities for the year ended June 30, 2007, as originally reported, included a separate category for "Medical faculty practice plan expense" (\$378,755) and reflected certain expenses related to hospital affiliation agreements within "Instruction and educational administration" (\$227,449). For purposes of comparability, the presentation of the Consolidated Statement of Activities for the year ended June 30, 2007, has been revised to conform to the combined presentation in "Patient care revenue" (\$663,466) and "Patient care expenses" (\$606,356). This change in presentation had no impact on the change in net assets from operating activities or the total change in net assets as previously reported.

During fiscal 2008, the University determined that securities lending activity should have been reflected on the June 30, 2007 Consolidated Balance Sheet both as an asset, "Collateral for securities loaned" in the amount of \$58,781 and a liability, "Securities loan agreement payable" in the amount of \$58,781. For purposes of comparability, the presentation of the Consolidated Balance Sheet as of June 30, 2007, has been revised to conform to the current year. This change in presentation had no impact on the Consolidated Statement of Activities for fiscal year 2007 as a result of this reclassification.

The presentation of the 2007 Consolidated Statement of Cash Flows has been reclassified to reflect cash activity related to the sale of contributed securities as investing activities. Previously, these amounts were classified primarily as operating and financing activities, depending on the nature of the gift, because the University's practice is to sell these securities immediately upon receipt. This reclassification reduced 2007 operating cash by \$16,279 offset by changes in investing activities and financing activities with no impact on "Cash and cash equivalents" as previously reported at June 30, 2007.

The University reflected its July, 1 2007 debt service payments on its DASNY tax exempt debt as a reduction in cash and securities held in trust by others (\$49,804), accrued liabilities (\$20,874) and bonds and notes payable (\$28,930) at June 30, 2007. In fiscal year 2008, the University changed its presentation and did not reflect its July 1, 2008 payment as a reduction in cash and securities held in trust by others, accrued liabilities and bonds and notes payable at June 30, 2008. The June 30,

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2007 amounts were reclassified for comparability. This reclassification had no impact on net assets or cash and cash equivalents as previously reported at June 30, 2007.

**Change in Accounting**

The University carries its investments in private equity, venture capital, and hedge funds (i.e., primarily limited liability partnerships, limited liability corporations, and other similarly structured investments) in which it maintains a specific capital ownership or similar account at fair value in accordance with the AICPA Not-for-Profit Audit Guide(the AAG-NFP) (see Footnote 6).

In fiscal 2008, the University revised its presentation of the cash flows for these investments in the Statement of Cash Flows consistent with the accounting for equity method investments under generally accepted accounting principles. The University considers the revised presentation preferable as it better represents the underlying nature of these investments in which the University has a capital account. The revision did not result in changes to the University's fair value method of reporting of such investments on the statement of financial position, and changes in net assets and total net assets of the University.

The result of this revision was an increase in net cash provided by operating activities and a reduction in investing activities of \$519,108 in the University's Statement of Cash Flows in fiscal 2007. This revision was due to realized gain cash distributions (from the investments described above) previously recorded in investing activities, which were reclassified to operating activities. Total cash and cash equivalents as previously reported at June 30, 2007, were not impacted by the revision.

It was determined under the previous method of accounting that \$78,218 reported as dividend income should have been reported as unrealized gains in 2007. As a result, the University has decreased the cash flows from operating activities and increased the cash flows from investing activities by \$78,218 in its revised presentation of the 2007 Statement of Cash Flows.

Total cash and cash equivalents as previously reported at June 30, 2007 were not impacted by these revisions and reclassifications. Furthermore, there was no impact on changes in net assets or net assets of the University as previously reported at June 30, 2007.

**New Authoritative Pronouncements**

Effective July 1, 2007, the University adopted FASB Interpretation No. 48, "Accounting for Uncertainty in Income Taxes" ("FIN 48"), which requires recognizing and measuring tax benefit taken or expected to be taken in an unrelated business activity tax return and disclosures regarding uncertainties in tax positions. No significant adjustments to the financial statements were required in 2008 as a result of the implementation of FIN 48.

A number of recent pronouncements will be adopted in the future in accordance with FASB guidelines on the timing of adoption and are not reflected in the fiscal year 2008 statements. Management is currently assessing the impact of the following pronouncements:

In September 2006, the FASB issued Statement of Financial Accounting Standards ("SFAS") No. 157, "Fair Value Measurements" ("SFAS 157"). SFAS 157 establishes a framework for measuring fair value and expands disclosures about its measurement and is effective for financial statements issued for fiscal years beginning after November 15, 2007.

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In February 2007, the FASB issued SFAS No. 159, “The Fair Value Option for Financial Assets and Financial Liabilities” (“SFAS 159”). SFAS 159 permits entities to choose to measure any financial instruments and certain other items at fair value and is effective for fiscal years beginning after November 15, 2007.

In March 2008, the FASB issued SFAS No. 161, “Disclosures about Derivative Instruments and Hedging Activities” (“SFAS 161”). SFAS 161 changes the disclosure requirements for derivative instruments and hedging activities and is effective for financial statements issued for fiscal years beginning after November 15, 2008.

In August 2008, the FASB issued FASB Staff Position FAS 117-1, “Endowments of Not-for-Profit Organizations: Net Asset Classification of Funds Subject to an Enacted Version of the Uniform Prudent Management of Institutional Funds Act” (“UPMIFA”), and enhanced disclosures for all endowments funds. This FSP provides guidance on classifying the net assets associated with donor-restricted endowment funds held by organizations that are subject to an enacted version of UPMIFA and is effective for fiscal years ending after December 15, 2008.

**4. Operating Measurement**

The University divides its Consolidated Statement of Activities into operating and nonoperating activities. The operating activities of the University include all income and expenses related to carrying out its educational and research mission. Operating revenues include investment income and endowment appreciation utilized to fund current operations, the largest portion of which is the distribution of funds budgeted in accordance with the endowment spending rule.

Nonoperating activities include current year realized and unrealized gains and losses on investments including realized gain distributions from Private Equity Funds and Hedge Funds, less amounts withdrawn from endowment appreciation to fund operations. Nonoperating activities also include new gifts to permanently restricted endowments, changes in net assets held by CPMC Fund, Inc., changes in perpetual trusts held by others, present value adjustments to split-interest agreements, and changes in pension and postretirement obligations.

**5. Patient Care Revenue**

The University’s affiliation agreements with tristate area hospitals generated \$231,402 and \$208,443 of revenue for the years ended June 30, 2008 and 2007, respectively. As of June 30, 2008 and 2007, accounts receivable includes \$64,205 and \$50,014, respectively, relating to these agreements.

Medical faculty practice revenue is reported at the estimated net realizable amounts from patients, third-party payors, and others for services rendered. Medical faculty practice revenues are \$447,532 and \$433,698 for the years ended June 30, 2008 and 2007, respectively. As of June 30, 2008 and 2007, patient accounts receivable amounts to \$76,905 and \$83,409, respectively.

Other areas of patient care, such as medical service agreements, generated \$24,569 and \$21,325 of revenue for the years ended June 30, 2008 and 2007, respectively.

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**6. Long-Term Investments**

The following is a summary of the University's investments as of June 30:

	<b>2008</b>	<b>2007</b>
U.S. public equities and U.S. equity mutual funds	\$ 315,230	\$ 605,251
Foreign public equities and foreign equity mutual funds	672,003	1,205,703
Private equity (limited partnerships)	2,860,793	2,301,502
Hedge funds (limited partnerships and corporations)	2,934,500	2,717,494
Fixed income and fixed income mutual funds	41,062	53,703
Cash held for investment	301,834	485,432
Other	79,208	(815)
Total investment portfolio	<u>\$ 7,204,630</u>	<u>\$ 7,368,270</u>
Investments included above and held for CPMC Fund, Inc.	(120,925)	(124,145)
Investments, at fair value	<u>\$ 7,083,705</u>	<u>\$ 7,244,125</u>

**Additional balance sheet information**

Receivable for securities sold	\$ 309,343	\$ 172,091
Collateral for securities loaned	70,946	58,781
Liabilities for securities purchased	8,544	25,602
Notes payable	-	39,661
Securities loan agreement payable	70,946	58,781

**U.S. Public Equities and Mutual Funds and Foreign Public Equities and Mutual Funds**

The fair value of publicly traded fixed income, equity securities, and derivatives investments are based on quoted market prices. Investments that are listed on an exchange are valued, in general, at the last reported sale price (or, if there is no sales price, at the last reported bid price, or, in the absence of reported bid prices, at the mean between the last reported bid and asked prices thereof). If an investment is restricted, the University may discount the price to reflect the nature of the restriction. Fees paid to investment managers are netted against investment income.

**Alternative Investments**

Alternative investments include interests in Private Equity and Hedge Funds. Since Private Equity and some Hedge Funds do not have readily ascertainable market values and may be subject to withdrawal restrictions, the University values these investments in accordance with valuations provided by the general partners of the underlying partnerships. The University's management may consider other factors in assessing the fair value of these investments.

As a rule, the general partners of Private Equity Funds initially value investments held by the Funds at cost and require that changes in value be established by meaningful third-party transactions or a significant impairment in the financial condition or operating performance of the issuer, unless meaningful developments occur that otherwise warrant a change in the valuation of an investment. Such values usually represent the University's proportionate share of the net assets of the Private Equity Funds as reported by the general partners of the underlying partnerships. The values of the investments in the underlying partnerships are increased by additional contributions to the underlying partnerships and the University's share of net earnings from the underlying partnerships and decreased by distributions from the underlying partnerships and the University's share of net losses from the underlying partnerships.



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Hedge Funds are also valued in accordance with valuations provided by the general partners of the underlying partnerships. Some Hedge Funds do not have readily ascertainable market values and may be subject to withdrawal restrictions. The fair value of the Hedge Funds represents the amount the University expects to receive at June 30, 2008 and 2007, if it had liquidated its investments in the Hedge Funds on these dates.

The University invests in Hedge Funds and Private Equity Funds that are not registered under the Investment Company Act of 1940, as amended, and invests in other financial instruments employing various investment strategies and techniques, including leverage that may involve significant market, credit, and operational risks. These Hedge Funds and Private Equity investments may allocate a high percentage of their assets in specific sectors of the market in order to achieve a potentially greater investment return. As a result, the Hedge Funds and Private Equity investments may be susceptible to economic, political, and regulatory developments in a particular sector of the market, positive or negative, and may experience increased volatility in net asset values.

The University is obligated under certain limited partnership investment fund agreements to advance additional funding periodically up to specified levels. At June 30, 2008, the University had unfunded commitments of \$1,622 million, which are likely to be called through 2012.

**Cash Held for Reinvestment**

Cash equivalents included in the portfolio consist primarily of liquid short-term instruments held by the investment pool.

**Off Balance Sheet Risks**

The University employs derivatives primarily to hedge its risks within the endowment portfolio and to rebalance its market exposures. Derivatives used may include futures, swaps, options, and forward contracts and are reflected at fair value. As of June 30, 2008 and 2007, these futures and swaps had a fair value of (\$14.4) million and (\$0.5) million, respectively, which has been reflected in "Investments, at fair value" on the Consolidated Balance Sheet.

**Securities Lending**

At June 30, 2008 and 2007, investment securities having a fair value of \$67.2 million and \$56.3 million, respectively, were loaned to various brokerage firms through a securities lending agent. The loaned securities are returnable on demand and are collateralized by cash and cash equivalents. The University recorded the value of the collateral received of \$70.9 million and \$58.8 million and an offsetting liability for the return of the collateral on the Consolidated Balance Sheet at June 30, 2008 and 2007, respectively.

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**Investment Return**

The following schedules summarize the investment return and its reported classification:

	<b>2008</b>			<b>Total</b>
	<b>Unrestricted Net Assets</b>	<b>Temporarily Restricted Net Assets</b>	<b>Permanently Restricted Net Assets</b>	
Interest and dividend income, net	\$ 84,337	\$ 5,278		\$ 89,615
Institutional real estate income, net	17,041			17,041
Short-term investment income	21,192			21,192
Realized and unrealized gains, net	(7,591)	28,899	\$ (1,545)	19,763
Total return on investments	<u>\$ 114,979</u>	<u>\$ 34,177</u>	<u>\$ (1,545)</u>	<u>\$ 147,611</u>

  

	<b>2007</b>			<b>Total</b>
	<b>Unrestricted Net Assets</b>	<b>Temporarily Restricted Net Assets</b>	<b>Permanently Restricted Net Assets</b>	
Interest and dividend income, net	\$ 61,323	\$ 3,890		\$ 65,213
Institutional real estate income, net	17,350			17,350
Short-term investment income	37,674			37,674
Realized and unrealized gains, net	1,173,324	130,202	\$ 632	1,304,158
Total return on investments	<u>\$ 1,289,671</u>	<u>\$ 134,092</u>	<u>\$ 632</u>	<u>\$ 1,424,395</u>

Investment income and gains utilized on the Statement of Activities contains interest, dividend income, dividend distributions from Private Equity Funds, institutional real estate revenue net of operating expenses and depreciation, other investment income, and endowment appreciation utilized to fund the spending rule. Endowment appreciation utilized was \$252.1 million and \$214.9 million during 2008 and 2007, respectively. The nonoperating section of the Statement of Activities contains realized and unrealized gains reduced by endowment appreciation utilized to fund the spending rule.

Long-term investments net assets as of June 30 are summarized as follows:

	<b>2008</b>			<b>2007 Total</b>
	<b>Unrestricted Net Assets</b>	<b>Temporarily Restricted Net Assets</b>	<b>Permanently Restricted Net Assets</b>	
Endowment funds			\$ 1,477,979	\$ 1,477,979
Funds functioning as endowment:				
Departmental funds	\$ 3,323,459	\$ 693,258		4,016,717
University funds	1,276,915			1,276,915
Institutional real estate	338,585			338,585
Split-interest agreements	2,048	16,348	18,214	36,610
CPMC Fund, Inc.	95,696		32,118	127,814
Pledge balances			127,020	127,020
Interests in perpetual trusts held by others			157,583	157,583
Total net assets of long-term investments	<u>\$ 5,036,703</u>	<u>\$ 709,606</u>	<u>\$ 1,812,914</u>	<u>\$ 7,546,532</u>

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**Institutional Real Estate**

The University owns institutional real estate consisting of various properties primarily proximate to the University's Morningside Heights and Washington Heights campuses. The properties are held for long-term investment purposes but are used primarily to house faculty, staff, and graduate students. The University's accounting policy is to reflect the properties at depreciated historical cost.

**7. Endowment Funds**

The University's endowment consists of approximately 4,100 separate funds established over many years for a wide variety of purposes. Endowment fund balances, including funds functioning as endowment, are classified and reported as either permanently restricted, temporarily restricted, or unrestricted net assets, in accordance with legal or donor-imposed stipulations. Net losses on permanently restricted net assets are classified as a reduction to the appreciation recorded in temporarily restricted net assets, to the extent applicable, and then as a reduction to unrestricted net assets.

The University employs a market value unit method of accounting for pooled general investments. Each participating fund enters and withdraws from the pooled investment account based on monthly unit market values. Changes in the market value of investments are distributed proportionately to each fund that participates in the investment pool. Net investment income distributed during the year is allocated on a per unit basis to each participating fund.

**Endowment Spending Rule**

The endowment spending rule utilized by the University is designed to be directly responsive to both investment returns and the current level of price inflation. Its long-term objectives are:

- To protect the corpus of the endowment by spending no more than the real investment return;
- To cushion spending against market volatility; and
- To provide specific spending instructions and multiyear spending projections based on explicit future investment return assumptions.

The current endowment spending rule is based on two factors: first, the market value multiplied by a 5 percent target spending rate, which provides a response to investment market conditions; and second, the prior year's spending plus inflation, which ties spending increases to operating needs and cushions spending against market volatility.

Each fiscal year's distribution is calculated by adding together the following:

- a. The market value of the endowment at a point twelve months prior to the beginning of the given fiscal year, multiplied by the 5 percent target spending rate, multiplied by a 40 percent weighting; and
- b. Endowment spending in the year immediately preceding the given fiscal year, grown or reduced by an inflation factor, which is defined as the Higher Education Price Index ("HEPI"), multiplied by a 60 percent weighting.

The Trustees will conduct a special review in any year in which either projected endowment distributions are 0.5 percent higher or lower than the 5 percent target spending rate, or if the increase in endowment distributions over the previous year is more than 3 percentage points higher or lower than HEPI.

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**8. Accounts Receivable**

Accounts receivable, net, consists of the following as of June 30:

	<b>2008</b>	<b>2007</b>
Patient receivables, net of contractual allowances	\$ 237,718	\$ 222,305
Government agencies	139,038	73,016
New York-Presbyterian Hospital	62,316	49,013
Patent and licensing	19,342	18,293
Student receivables	23,358	32,361
Other receivables, gross	71,798	51,677
	<u>553,570</u>	<u>446,665</u>
Less: Allowance for doubtful accounts	(173,338)	(151,184)
Accounts receivable, net	<u>\$ 380,232</u>	<u>\$ 295,481</u>

Patient receivables for medical services are net of an allowance for contractual reserves in the amount of \$133.5 million and \$158.6 million at June 30, 2008 and 2007, respectively.

**9. Student Loans Receivable and Financial Aid**

The University participates in various federal loan programs, in addition to administering institutional loan programs. Loans receivable from students as of June 30 are as follows:

	<b>2008</b>	<b>2007</b>
Government revolving loans	\$ 74,150	\$ 70,441
Institutional loans	19,136	15,622
Gross student loans	<u>93,286</u>	<u>86,063</u>
Less: Allowance for doubtful collections	(3,730)	(3,189)
Student loans receivable, net	<u>\$ 89,556</u>	<u>\$ 82,874</u>

In addition to the loans identified above, the University processes and authorizes loans to students through the Stafford Loan program and Federal Plus Loan program. These loans are not recorded in the University's consolidated financial statement since the University does not guarantee any federal loan funds related to these programs. The amount of loans issued under these programs was \$220.9 million and \$192.2 million for the years ended June 30, 2008 and 2007, respectively.

Government revolving loans are funded principally with federal advances to the University under the Perkins Loan Program and certain other programs. Advances under the Perkins Loan Program totaled \$62.5 million and \$61.5 million as of June 30, 2008 and 2007, respectively. These advances are classified as liabilities on the Balance Sheet. Interest earned on the revolving and institutional loan programs is reinvested to support additional loans. The repayment and interest rate terms of the institutional loans vary considerably.

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Loans receivable under federally guaranteed student loan programs are subject to significant restrictions. Accordingly, it is not practicable to determine the fair value of such amounts.

Undergraduate financial aid represents packages for all or part of a student's tuition, fees, room, and board. Graduate financial aid represents packages for all or part of a student's tuition and fees. Funding from external sources is obtained through government and private grants and contracts as well as private gifts and endowment return.

	2008			2007		
	University Sources	External Sources	Total Financial Aid	University Sources	External Sources	Total Financial Aid
Undergraduate	\$ 46,006	\$ 30,297	\$ 76,303	\$ 45,862	\$ 21,554	\$ 67,416
Graduate	86,144	45,032	131,176	79,891	38,949	118,840
Total financial aid grants	<u>\$ 132,150</u>	<u>\$ 75,329</u>	<u>\$ 207,479</u>	<u>\$ 125,753</u>	<u>\$ 60,503</u>	<u>\$ 186,256</u>

Agency activities such as tuition aid grants, federal supplemental educational opportunity grants, federal Pell, SMART, and ACG grant program are not included in the University's consolidated financial statements. Receipts from agency transactions were \$9.7 million and \$9.3 million, and disbursements were \$9.7 million and \$9.3 million in fiscal year 2008 and 2007, respectively.

**10. Pledges Receivable**

Unconditional promises to give appear as pledges receivable and revenue of the appropriate net asset category. Pledges are recorded after recognizing an allowance for uncollectible contributions and a discount to reflect the net present value based on projected cash flows.

The June 30 balances of unconditional promises to give are:

	2008	2007
Less than one year	\$ 98,429	\$ 90,127
One to five years	183,738	176,726
More than five years	28,921	21,983
Total unconditional promises	<u>311,088</u>	<u>288,836</u>
Less: Allowance for doubtful contributions	(15,554)	(14,442)
Less: Net present-value discount	<u>(36,596)</u>	<u>(35,610)</u>
Net pledges receivable	<u>\$ 258,938</u>	<u>\$ 238,784</u>

New pledges recorded in 2008 and 2007 were discounted at average annual rates of 4.0 percent and 5.1 percent, respectively.

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Pledges receivable are intended for the following purposes:

	2008	2007
Endowment for educational and general purposes	\$ 127,020	\$ 117,806
New construction and modernization of plant	44,587	35,370
Support of University operations	87,331	85,608
Net pledges receivable	<u>\$ 258,938</u>	<u>\$ 238,784</u>

The University also has other outstanding pledges of \$678.9 million as of June 30, 2008. These pledges represent either conditional gifts for which the probability of meeting the conditions is uncertain, verbal pledges, or other pledges that have not met the requirements for recognition.

**11. Land, Buildings, and Equipment**

Investments in land, buildings, and equipment, net, consisted of the following at June 30:

	2008			2007		
	Total Assets	Accumulated Depreciation	Net Assets	Total Assets	Accumulated Depreciation	Net Assets
Land	\$ 228,577		\$ 228,577	\$ 160,436		\$ 160,436
Building and building improvements	3,003,394	\$ 1,250,597	1,752,797	2,741,754	\$ 1,139,692	1,602,062
Equipment	275,246	148,481	126,765	294,540	141,714	152,826
	<u>\$ 3,507,217</u>	<u>\$ 1,399,078</u>	<u>\$ 2,108,139</u>	<u>\$ 3,196,730</u>	<u>\$ 1,281,406</u>	<u>\$ 1,915,324</u>

The University uses componentized depreciation to calculate depreciation expense for buildings and building improvements for research facilities included in operations. The costs of research facilities are separated into the building shell, building service systems, and fixed equipment, and each component is separately depreciated.

Equipment includes physical assets owned by the University as well as capitalized software costs and moveable equipment acquired through capitalized leases.

Building and building improvements include physical assets owned by the University as well as leasehold improvements, capitalized space leases, and construction in progress. Capital space leases at June 30, 2008 and 2007, were \$67 million and \$69 million, respectively.

**12. Accrued Employee Benefit Liabilities**

Accrued employee benefit liabilities arise from employment at the University. These include liabilities for pension, postretirement benefits, postemployment benefits, unused vacation, and deferred compensation.

Postemployment benefits relating to workers' compensation, short-term disability, and continuation of medical benefits for those on long-term disability are provided to former or inactive employees after employment but before retirement. The University records the costs of such benefits on an accrual basis if the employee has provided the services from which those benefits are derived. In

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2008 and 2007, the University recognized actuarially computed liabilities of \$30.7 million and \$30.6 million, respectively.

**13. Pension and Other Postretirement Benefit Costs**

**Pension Plan Benefits**

Retirement benefits are provided for full-time faculty and officers under a noncontributory defined contribution plan. Contributions are determined as a percentage of each covered employee's salary, factoring in the age and accrued service of each employee. Charges to expenditures under this plan amounted to \$82.8 million and \$71.6 million for the years ended June 30, 2008 and 2007, respectively.

The University has four noncontributory pension plans (the "pension plans") for supporting staff employees. Two of these plans are defined benefit plans for both past and future service. The other two plans provide defined benefits for service prior to January 1, 1976, in one case, and prior to July 1, 1976, in the other. For the two latter plans, future benefits are provided by a defined contribution plan. All four of these plans are subject to collective bargaining agreements. Charges to expenditures under the Plans amounted to \$4.3 million and \$6 million for the years ended June 30, 2008 and 2007, respectively. The University also maintains a retirement plan for employees of the Arden Conference Center, which closed in 2005.

**Postretirement Health Care and Life Insurance Benefits**

The University provides postretirement health care and life insurance benefits for certain employees. The University accrues the estimated cost of these benefits over the years employees who are eligible render service.

**Obligations and Funded Status**

In 2007, the University adopted FAS 158, Employers' Accounting for Defined Benefit Pension and Other Postretirement Plans, which requires the recognition on the Balance Sheet of the difference between benefit obligations and any plan assets of the University's defined benefit and postretirement benefit plans. In addition, FAS 158 requires unrecognized amounts (e.g., net actuarial gains or losses and prior service cost or credits) to be recognized as changes to unrestricted net assets and that those amounts be adjusted as they are subsequently recognized as components of net periodic pension cost.

In 2007, the incremental effect of applying the provisions of FAS 158 on individual line items in the Balance Sheet was:

	<b>Before Application of FAS 158</b>	<b>Incremental Effect of of FAS 158</b>	<b>After Application of FAS 158</b>
<b>Assets</b>			
Other assets	\$ 68,115	\$ (5,595)	\$ 62,520
<b>Liabilities and Net assets</b>			
Accrued employee benefit liabilities	\$ 107,175	\$ 43,085	\$ 150,260
Unrestricted net assets	\$ 6,744,295	\$ (48,680)	\$ 6,695,615

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Amounts recognized in unrestricted net assets are as follows:

	<b>Pension Plan Benefits</b>		<b>Other Postretirement Benefits</b>	
	<b>2008</b>	<b>2007</b>	<b>2008</b>	<b>2007</b>
Net actuarial loss	\$ 19,078	\$ 12,940	\$ 37,170	\$ 21,420
Prior service cost	1,134	200	1,118	1,778
Transition obligation			10,285	12,342
Total amount recognized	<u>\$ 20,212</u>	<u>\$ 13,140</u>	<u>\$ 48,573</u>	<u>\$ 35,540</u>

The components of accrued benefit costs for pension benefits and other postretirement benefits are as follows:

	<b>Pension Plan Benefits</b>		<b>Other Postretirement Benefits</b>	
	<b>2008</b>	<b>2007</b>	<b>2008</b>	<b>2007</b>
<b>Change in benefit obligation:</b>				
Benefit obligation, beginning of year	\$ 88,819	\$ 85,275	\$ 166,701	\$ 148,428
Service cost	2,880	2,803	5,832	5,451
Interest cost	5,787	5,282	10,804	9,730
Actuarial (gain) loss	(2,917)	(2,936)	(2,262)	11,073
Plan amendments	962			
Net disbursements and transfers	(4,689)	(4,240)	(11,849)	(7,981)
Projected benefit obligation, end of year	<u>\$ 90,842</u>	<u>\$ 86,184</u>	<u>\$ 169,226</u>	<u>\$ 166,701</u>
<b>Change in plan assets:</b>				
Fair value of assets, beginning of year	\$ 85,095	\$ 75,542	\$ 121,449	\$ 105,276
Actual return on plan assets	(3,433)	11,056	(7,885)	19,391
Employer contributions	6,000		11,128	5,450
Net disbursements and transfers	(4,689)	(4,240)	(12,532)	(8,668)
Fair value of assets, end of year	<u>\$ 82,973</u>	<u>\$ 82,358</u>	<u>\$ 112,160</u>	<u>\$ 121,449</u>
Net amount recognized	\$ (7,869)	\$ (3,826)	\$ (57,066)	\$ (45,252)

	<b>2008</b>	<b>2007</b>
<b>Weighted-average assumptions used to determine end of year benefit obligation</b>		
Discount rate	6% to 6.8%	6.15% to 6.4%
Rate of compensation increase	5% to 5.5%	5% to 5.5%

The accumulated benefit obligations for the pension plans at June 30, 2008 and 2007, were \$78.6 million and \$72.7 million, respectively.



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At the end of 2008 and 2007, the projected benefit obligation exceeded pension plan assets for two of the five plans. At the end of 2008 and 2007, the accumulated benefit obligation exceeded pension plan assets for two of the five plans. The projected benefit obligation and the accumulated benefit obligation for the two plans with a benefit obligation in excess of plan assets were as follows:

	<b>2008</b>	<b>2007</b>
<b>End of year</b>		
Projected benefit obligation	\$ 76,662	\$ 73,896
Fair value of plan assets	63,635	63,542

At the end of 2008 and 2007, the accumulated postretirement benefit obligation for the other postretirement benefit plan and the fair value of plan assets with an accumulated postretirement benefit obligation in excess of plan assets was as follows:

	<b>2008</b>	<b>2007</b>
<b>End of year</b>		
Accumulated postretirement benefit obligation	\$ 169,226	\$ 166,701
Fair value of plan assets	112,160	121,449

A 7.5 percent annual rate of increase in the per capita cost of covered health care benefits for the other postretirement benefit plan was assumed for 2009. The rate was assumed to decrease gradually to 5 percent for 2013 and remain at that level thereafter. Assumed health care cost trend rates have a significant effect on the amounts reported for the health care plans. A one-percentage-point change in assumed health care cost trend rates would have the following effect:

	<b>1-%-point increase</b>	<b>1-%-point decrease</b>
Effect on accumulated postretirement benefit obligation	\$ 15,775	\$ 13,133

One hundred percent of the pension plans' assets were allocated to the Balanced Growth and Index Fund at June 30, 2008 and 2007. This is also the target allocation for 2008. This fund has guidelines that set targets of 50 percent U.S. equities, 10 percent international equities, and 40 percent debt securities. The expected long-term rate of return on the Plans' assets was 8 percent in both 2008 and 2007.

The expected rate of return on pension plan assets was developed by evaluating input from investment experts and actuaries as well as long-term inflation assumptions and the pension plans' historical compounded return of approximately 7.8 percent. The pension plans' expected long-term rate of return on plan assets is based on target asset allocation assumptions of 50 percent in U.S. equities, with an expected long-term rate of return of 8 percent; 10 percent in non-U.S. equities, with an expected long-term rate of return of 8.2 percent; and 40 percent in fixed income securities, with an expected long-term rate of return of 5 percent. The combination of these target allocations and expected returns result in the overall assumed long-term rate of return of 8 percent for 2008 and 2007. The actual asset allocation at June 30, 2008 and 2007, was close to these target asset allocations. The University's management regularly reviews the actual asset allocations. The University believes that 8 percent is a reasonable long-term rate of return on plan assets for 2008 and 2007 and will continue to evaluate the actuarial assumptions, including the expected rate of return, at least annually, and will adjust the appropriate assumptions as necessary.

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The retirement plan for the employees of Arden Conference Center was invested in equity securities, including mutual funds, 76 percent, and debt securities, 24 percent.

The asset allocation for the other postretirement benefit plan at June 30, 2008 and 2007, and the target allocation for 2009, by asset category, follows:

Asset category	Target allocation	Percentage of plan assets at years end	
	2009	2008	2007
U.S. large cap equity	45%	45.1%	45%
U.S. fixed income	20%	20%	20%
U.S. small cap equity	14%	13.9%	14%
Emerging markets equity	8%	8%	8%
International equity	8%	8%	8%
Real estate	5%	5%	5%
	100%	100%	100%

The expected rate of return on other postretirement benefit plan assets was developed by evaluating input from investment experts and actuaries as well as long-term inflation assumptions and the historical compounded return of approximately 9.5 percent. The other postretirement benefit plan's expected long-term rate of return on plan assets is based on target asset allocation assumptions of 45 percent in U.S. large cap equities, with an expected long-term rate of return of 8 percent; 14 percent in U.S. small cap equities, with an expected long-term rate of return of 8.5 percent; 8 percent in non-U.S. equities, with an expected long-term rate of return of 8.2 percent; 8 percent in emerging market equities, with an expected long-term rate of return of 9.5 percent; 20 percent in fixed income securities, with an expected long-term rate of return of 5 percent; and 5 percent in real estate, with expected long-term rate of return of 6.7 percent. The combination of these target allocations and expected returns result in the overall assumed long-term rate of return of 8 percent for 2008 and 2007. The actual asset allocation at June 30, 2008 and 2007, was close to these target asset allocations. The University's management regularly reviews the actual asset allocations. The University believes that 8 percent is a reasonable long-term rate of return on plan assets for 2008 and 2007 and will continue to evaluate the actuarial assumptions, including the expected rate of return, at least annually, and will adjust the appropriate assumptions as necessary.

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**Net Periodic Pension Cost**

The components of net periodic benefit cost for pension benefits and other postretirement benefits are as follows:

	<b>Pension Plan Benefits</b>		<b>Other Postretirement Benefits</b>	
	<b>2008</b>	<b>2007</b>	<b>2008</b>	<b>2007</b>
<b>Components of net periodic benefit cost</b>				
Service cost	\$ 2,886	\$ 2,803	\$ 5,832	\$ 5,451
Interest cost on projected benefit obligation	5,787	5,282	10,804	9,730
Expected return on assets	(6,410)	(5,944)	(9,792)	(8,332)
Amortization of transition obligation	-	-	2,057	2,057
Amortization of prior service cost	28	28	661	747
Amortization of unrecognized net losses	821	908	1,028	747
Net periodic benefit cost	<u>\$ 3,112</u>	<u>\$ 3,077</u>	<u>\$ 10,590</u>	<u>\$ 10,400</u>
<b>Other changes in plan assets and benefit obligations recognized in the Consolidated Statement of Activities</b>				
Current year actuarial (gain)/loss	6,959		16,778	
Amortization of actuarial gain/(loss)	(821)		(1,029)	
Current year prior service (credit)/cost	962		(660)	
Amortization of prior service credit/(cost)	(28)		(2,057)	
Total recognized in nonoperating	<u>\$ 7,072</u>	<u>\$ -</u>	<u>\$ 13,032</u>	<u>\$ -</u>
Total recognized in net periodic benefit cost and nonoperating	<u>\$ 10,184</u>	<u>\$ 3,077</u>	<u>\$ 23,622</u>	<u>\$ 10,400</u>

	<b>Pension Plan Benefits</b>	<b>Other Postretirement Benefits</b>
<b>Amounts in net unrestricted assets expected to be recognized in net periodic pension cost in fiscal 2009</b>		
Actual (gain)/loss	\$ 440	\$ 1,568
Prior service (credit)/cost	92	508
Transition (asset)/obligation		2,057
	<u>\$ 532</u>	<u>\$ 4,133</u>

	<b>2008</b>	<b>2007</b>
<b>Weighted-average assumptions used to determine net periodic pension cost</b>		
Discount rate	6% to 6.4%	6.25%
Expected return on plan assets	8%	8%
Rate of compensation increase	5% to 5.5%	5.5%

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Assumed health care cost trend rates have a significant effect on the amounts reported for the other postretirement benefit plan. A one-percentage-point change in the assumed health care cost trend rates would have had the following effect:

	<b>1-%-point increase</b>	<b>1-%-point decrease</b>
Effect on total service and interest cost	\$ 1,900	\$ 1,538

**Expected Cash Flows**

Information about the expected cash flows for the Plans is as follows:

	<b>Pension Benefits</b>	<b>Other Postretirement Pension Benefits</b>
<b>University contributions:</b>		
<b>2009 (expected)</b>	\$ 5,600	\$ 15,700
<b>Expected benefit payments:</b>		
2009	\$ 5,045	\$ 10,060
2010	5,238	10,803
2011	5,394	11,438
2012	5,532	12,140
2013	5,695	12,696
2014-2018	31,626	72,067
Total	<u>\$ 58,530</u>	<u>\$ 129,204</u>

Expected contributions to the other postretirement benefit plan include benefits of \$15.7 million from employer assets in 2009. Total benefits expected to be paid include both the University's share of the benefit cost and the participants' share of the cost, which is funded by participant contributions to the other postretirement benefit plan. The University receives a Medicare Part D subsidy from the federal government as reimbursement for certain retiree health benefits paid to plan participants.

**14. Lease Obligations**

The University is the lessee of various equipment and space under noncancelable operating and capital leases. Capital lease obligations at June 30, 2008 and 2007, were \$83.1 million and \$84.4 million, respectively. Operating lease rental expense for the year ended June 30, 2008, was approximately \$23.8 million. Space leases contained customary escalation clauses, which are included in annual aggregate minimum rentals.

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Future aggregate minimum rental payments under operating and capital leases are as follows:

<b>Future minimum rental payments:</b>	<b>Operating</b>	<b>Capital</b>
2009	\$ 20,725	\$ 8,393
2010	18,253	6,414
2011	16,469	5,288
2012	15,835	4,213
2013	11,650	3,851
Thereafter	97,455	167,071
Less: Interest at 3.95 percent to 5.118 percent		(112,133)
Capital lease obligations at June 30, 2008		<u>\$ 83,097</u>

**15. Conditional Asset Retirement Obligations**

Financial Accounting Standards Board Interpretation No. 47, *Accounting for Conditional Asset Retirement Obligations* (an interpretation of FASB Statement No. 143), was issued in March 2005. FIN 47 defines a conditional asset retirement obligation as a legal obligation to perform an asset retirement activity in which the timing and/or method of settlement are conditional on a future event that may or may not be within the control of the entity. Uncertainty with respect to the timing and/or method of settlement of the asset retirement obligation does not defer recognition of a liability. This interpretation requires that the fair value of a liability for a conditional asset retirement obligation be recognized in the period in which it occurred if a reasonable estimate of fair value can be made.

Conditional asset retirement obligations related to remediation or disposal of asbestos, underground storage tanks, soil, and radioactive sources and equipment were \$93.9 million and \$57.5 million at June 30, 2008 and 2007, respectively. For June 30, 2008, the University increased its obligation for certain environmental remediation that was not reasonably estimatable as to the amount of the potential obligation in prior years.

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**16. Bonds and Notes Payable**

Bonds and notes payable outstanding at June 30, 2008 and 2007, are as follows:

	<b>2008</b>	<b>2007</b>
Dormitory Authority of the State of New York, tax exempt revenue bonds, Columbia University issues		
Series 2008 A, 4.00% to 5.00%, maturing 2038	\$ 282,715	
Series 2006 A, 4.75% to 5.25%, maturing 2031	225,000	\$ 225,000
Series 2006 B, 3.25% to 5.25%, maturing 2022	156,890	156,890
Series 2004 A1, 4.00%, maturing 2007		9,970
Series 2004 A2, 5.00%, maturing 2014	46,500	46,500
Series 2004 B, 4.00% to 5.125%, maturing 2024	91,315	94,305
Series 2004 C, 5.00%, maturing 2029	48,270	50,000
Series 2003 A, 3.20% to 5.125%, maturing 2024	76,350	79,355
Series 2003 B, variable rate, 1.00% to 3.88%, maturing 2028	30,000	30,000
Series 2002 A, 3.75% to 5.25%, maturing 2014	32,850	33,030
Series 2002 B, 4.50% to 5.25%, maturing 2024	43,890	46,945
Series 2002 C, variable rate, 1.40% to 3.73%, maturing 2027	23,300	23,300
Series 2000 A, 4.10% to 5.25%, maturing 2025	46,325	49,730
Series 1994 A, 5.75%, maturing 2010	31,925	31,925
Series 1992, 5.75%, maturing 2007		4,060
	<u>1,135,330</u>	<u>881,010</u>
Dormitory Authority of the State of New York, tax-exempt commercial paper		
Series 1997, variable rate, 1.30% to 3.75%, final maturity 2015	34,850	39,670
New Jersey Economic Development Corporation		
Series 2002, variable rate, 0.85% to 3.62%, final maturity 2028	9,230	9,230
United States Department of Education Housing Program Issues:		
1991, 5.50%, maturing 2021 *	1,621	1,667
1990, 3.00%, maturing 2020 *	1,859	2,074
Medium-Term Notes, Taxable Series C 6.53% to 7.36%, maturing 2021	152,890	165,420
Empire State Development Corporation Issues:		
Interest-free, maturing 2029	8,538	8,686
Interest-free, maturing 2010	7,075	6,612
Economic Development Corporation		
Interest-free, maturing 2010	8,734	8,163
Taxable commercial paper, variable rate, 2.25% to 5.55%, due 2009	60,880	64,380
Dormitory Authority of the State of New York College and University Education Loan Revenue Bonds		
Series 1993, 5.55% to 5.65%, maturing 2013	4,638	5,619
Series 1992, 6.80%, maturing 2013	3,888	4,671
Promissory Note, 8%, maturing 2010	3,000	3,000
Promissory Note, 11%, maturing 2010	2,195	2,037
Investment Mortgage Payable, 6 mo LIBOR + 5 bps, maturing 2016	-	39,661
	<u>299,398</u>	<u>360,890</u>
<b>Total bonds and notes payable</b>	<u>\$ 1,434,728</u>	<u>\$ 1,241,900</u>

\* *Principal fully collateralized by investments.*

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Estimated Principal Payments on bonds and certificates are summarized below:

<b>Year</b>	<b>Principal</b>
2009	\$ 117,260
2010	73,313
2011	64,527
2012	60,498
2013	62,515
Thereafter (through 2031)	<u>1,056,615</u>
<b>Total</b>	<b><u>\$ 1,434,728</u></b>

At June 30, 2008, the University's bonds and notes payable had a carrying amount of approximately \$1,434.7 million, compared to an estimated fair value of \$1,468.1 million. The estimated fair value of bonds and notes payable was calculated using a discounted cash flow method, where the estimated cash flows were based on contractual principal and interest payments. The discount rates used were based on the University's borrowing rate for similar obligations. Fair values represent the lower of the estimated value at call or maturity of each respective issue.

The University may offer from time to time up to \$400 million aggregate principal amount of Medium-Term Notes. As of June 30, 2008, \$152.9 million was outstanding. The University also has a \$100 million taxable commercial paper program. As of June 30, 2008, \$60.9 million was outstanding. Subsequent to June 30, 2008, the taxable commercial paper program was increased to \$150 million.

The University issues most of its tax-exempt debt through the Dormitory Authority of the State of New York ("DASNY"). On April 23, 2008, the University issued \$282.7 million of Series 2008A bonds. The proceeds from Series 2008A were used to finance various construction and renovation projects. Series 2008A was issued at a premium of \$10.9 million, which will be amortized over ten years.

On July 2, 2007, the University reoffered \$48.3 million of its DASNY Series 2004C bonds at an average yield of 4.4 percent and retired \$1.7 million of the original debt.

On June 14, 2007, the University entered into a \$200 million notional value forward starting, fixed payor swap agreement with an effective date of April 1, 2008, to protect against the risk of interest rate changes. This agreement was extended until October 1, 2008. The estimated fair value of the agreement was (\$15.7) million and (\$1.6) million at June 30, 2008 and 2007, respectively. The fair value of the swap is obtained by taking the present value of all future cash flows on the swap implied by the forward curve.

The University has certain financial and administrative covenants with which it was in compliance as of June 30, 2008 and 2007.

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**17. Insurance**

In connection with managing financial risks through various third-party insurance programs, the University is self-insured in certain areas. Funded self-insurance liabilities primarily cover deductibles on general liability and property insurance claims. Self-insurance liabilities are actuarially calculated on an annual basis. The University has recorded self-insurance liabilities of approximately \$100.8 million and \$93.6 million as of June 30, 2008 and 2007, respectively. The University's core liability coverage is purchased through Pinnacle RRG, a Vermont-based risk retention group with fifteen other universities.

The University obtains medical malpractice insurance through MCIC and MLMIC. MCIC is a group-captive insurance company owned by the University, Johns Hopkins, Yale, Rochester, and Weill Cornell Medical School and their respective major teaching hospitals, including NYPH. MLMIC is a mutual company where policyholders are owners, with full voting rights to elect the company's Board of Directors, thereby having direct input into vital areas of operation. The governing Board is comprised primarily of practicing physicians, dentists, and hospital administrators. More than 900 of the University's faculty physicians and dentists are enrolled in MCIC.

**18. Related Party Transactions**

The University maintains several clinical and education affiliation agreements with other organizations. Revenues and expenses from these agreements are accounted for in the operating activities segment of the Statement of Activities. The most significant affiliation agreement is with the NYPH.

The University has an alliance dating back to 1921 with Presbyterian Hospital, which merged with New York Hospital effective January 1, 1998, and formed the new corporate entity called NewYork-Presbyterian Hospital. The University provides NYPH with medical, professional, and supervisory staff as well as other technical assistance. These services are reimbursed by NYPH. NYPH provides funding to the clinical departments for several specific purposes, including administration, supervision, and teaching of the NYPH resident staff and salary support for faculty and staff providing services to NYPH. In addition, NYPH provides partial funding for clinical programs that the University and NYPH would like to see developed or expanded. NYPH also provides the departments with certain facilities and services (outpatient faculty practice offices, nursing, telecommunications, etc.) for which the University is invoiced on a monthly basis. Finally, the University and NYPH collaborate and fund joint projects for which specific agreements are negotiated.

The University and NYPH negotiated a joint budget, which forms the basis for the reimbursement agreement. The final fiscal year 2008 joint budget was approximately \$143 million. The payments to NYPH for goods and services were \$70 million. The revenues received pursuant to this reimbursement arrangement for services rendered are reflected in the consolidated financial statements as a portion of "Patient care revenue." The expenses related to this agreement are reflected in "Patient care expense."

The University records both receivables from and payables to NYPH on the Balance Sheet. The University has no liability for obligations and debt incurred by NYPH.



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The University has financial arrangements with several for-profit physician professional corporations (“PCs”), whereby the University provides facilities and other services to these PCs for a negotiated fee. These PCs provide clinical services to patients and are owned and controlled by physicians who are also faculty members of the University. These noncontrolled PCs generated revenue of approximately \$55 million and \$56 million during fiscal year 2008 and 2007, respectively, which has not been consolidated into the University’s consolidated financial statements. The University is also the sole corporate member of two not-for-profit physician private practice entities and, as such, consolidates these entities into the University’s consolidated financial statements.

**19. Contingencies and Commitments**

From time to time, various claims and suits generally incident to the conduct of normal business are pending or may arise against the University.

In the opinion of counsel and management of the University, after taking into account insurance coverage, losses, if any, from the resolution of pending litigation should not have a material effect on the University’s financial position or results of operations.

All funds expended in connection with government grants and contracts are subject to audit by government agencies. While the ultimate liability, if any, from audits of government grants and contracts by government agencies, claims, and suits is presently not determinable, it should not, in the opinion of counsel and management, have a material effect on the University’s financial position or results of activities.

The University is subject to laws and regulations concerning environmental remediation and will, from time to time, establish reserves for potential obligations that management considers probable and for which reasonable estimates can be made. As of June 30, 2008, the University has recorded \$93.9 million for conditional asset retirement obligations. These estimates may change depending upon the nature and extent of contamination, appropriate remediation technologies, and regulatory approvals. The University is not aware of any existing conditions that it currently believes are likely to have a material adverse effect on the University’s financial position, changes in net assets, or cash flows.

The University has entered into contracts to purchase properties with an aggregate value of \$140.5 million. As of June 30, 2008, approximately \$132.8 million is still outstanding.

**20. Expense Allocation by Program**

Expenses are reported for the University’s primary program activities. The consolidated financial statements also report certain categories of expenditures that support more than one major program of the University. These expenses include operation and maintenance of plant, depreciation expense, and interest expense.

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These costs are allocated to the applicable program activities as indicated in the following chart:

	2008			2007		
	Expenses per Statement of Activities	Allocation	Final Allocated Expenses	Expenses per Statement of Activities	Allocation	Final Allocated Expenses
Instruction and educational administration	\$ 1,110,579	\$ 192,445	\$ 1,303,024	\$ 986,688	\$ 182,559	\$ 1,169,247
Research	393,035	74,081	467,116	388,245	70,485	458,730
Patient care expense	642,342	4,763	647,105	606,356	5,092	611,448
Library	62,073	51,411	113,484	60,653	47,465	108,118
Operation and maintenance of plant	157,636	(157,636)		147,285	(147,285)	
Institutional support	185,226	26,852	212,078	157,971	25,378	183,349
Auxiliary enterprise	97,461	12,148	109,609	94,251	12,013	106,264
Depreciation expense	153,991	(153,991)		146,310	(146,310)	
Interest expense	50,313	(50,313)		49,633	(49,633)	
Other	42,153	240	42,393	50,963	236	51,199
	<u>\$ 2,894,809</u>		<u>\$ 2,894,809</u>	<u>\$ 2,688,355</u>		<u>\$ 2,688,355</u>

The allocation of operation and maintenance of plant is based on square footage occupancy. Depreciation expense includes depreciation of buildings and building improvements and equipment. The allocation of depreciation on buildings and building improvements is based on square footage occupancy. Depreciation on equipment is allocated to the programs for which the equipment was purchased. Interest expense is allocated according to the same methodologies used for building depreciation.

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**Summary Schedule of Expenditures of Federal Awards**  
**Year ended June 30, 2008 (expenditures in thousands)**

	<b>DHHS</b>	<b>NSF</b>	<b>EDUCATION</b>	<b>DEFENSE</b>	<b>NASA</b>	<b>COMMERCE</b>	<b>ENERGY</b>	<b>OTHER</b>	
	<b>93</b>	<b>47</b>	<b>84</b>	<b>12</b>	<b>43</b>	<b>11</b>	<b>81</b>	<b>AGENCIES</b>	<b>Total</b>
<b>Major Programs</b>									
<i>RESEARCH &amp; DEVELOPMENT CLUSTER</i>									
Expended under direct awards	\$ 329,535	\$ 64,390	\$ 488	\$ 10,847	\$ 14,510	\$ 12,692	\$ 9,060	\$ 2,285	\$ 443,808
Expended under subawards	39,027	7,395	220	4,872	2,412	280	966	1,422	56,593
<i>Total Research &amp; Development</i>	<u>368,562</u>	<u>71,785</u>	<u>707</u>	<u>15,719</u>	<u>16,922</u>	<u>12,973</u>	<u>10,026</u>	<u>3,707</u>	<u>500,401</u>
<i>STUDENT FINANCIAL ASSISTANCE CLUSTER</i>									
Expended under direct awards	3,927		12,364						16,292
Expended under subawards	-		-						-
<i>Total Student Financial Assistance</i>	<u>3,927</u>		<u>12,364</u>						<u>16,292</u>
<i>Other Programs</i>									
Expended under direct awards	82,181							11,769	93,951
Expended under subawards	629							-	629
<i>Total Other Programs</i>	<u>82,811</u>							<u>11,769</u>	<u>94,580</u>
<b>Non-major Programs</b>									
<i>Other Sponsored Training</i>									
Expended under direct awards	4,363	1,408	3,035	477	44			460	9,787
Expended under subawards	574	283	213	-	-		7	63	1,140
<i>Total Other Sponsored Training</i>	<u>4,936</u>	<u>1,691</u>	<u>3,248</u>	<u>477</u>	<u>44</u>		<u>7</u>	<u>523</u>	<u>10,927</u>
<i>Other Programs &amp; Clusters</i>									
Expended under direct awards	3,473	70	1,348	566			-	1,857	7,314
Expended under subawards	2,957	-	-6	208			75	535	3,768
<i>Total Other Programs &amp; Clusters</i>	<u>6,430</u>	<u>70</u>	<u>1,342</u>	<u>773</u>			<u>75</u>	<u>2,392</u>	<u>11,081</u>
<b>Total Federal Award Expenditures</b>	<b>\$ 466,666</b>	<b>\$ 73,546</b>	<b>\$ 17,662</b>	<b>\$ 16,970</b>	<b>\$ 16,965</b>	<b>\$ 12,973</b>	<b>\$ 10,108</b>	<b>\$ 18,391</b>	<b>\$ 633,281</b>

The accompanying footnotes are an integral part of the supplemental schedule of expenditures of federal awards.

**The Trustees of Columbia University in the City of New York**  
**Supplemental Schedule of Expenditures of Federal Awards**  
**For year ended June 30, 2008**

<u>Federal Grantor / Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
<b>RESEARCH &amp; DEVELOPMENT CLUSTER</b>			
<b>Department of Health &amp; Human Services</b>			
<b>Direct Awards</b>			
<b>Health Resources &amp; Services Admin</b>			
Maternal and Child Health Federal Consolidated Programs			
2 T17 MC06359-03-00		93.110	189,735
5 T20 MC07470-02-00		93.110	7,180
5 T20 MC07470-01-00		93.110	-648
5 T17 MC06359		93.110	-1,985
Grants to Increase Organ Donations			
5 R38 OT01301-03-00		93.134	116,961
AIDS Education and Training Centers			
1 U20 HRSA HA06172-0		93.145	-2,527
Public Health Training Centers Grant Program			
5 D20 HP00016-05-00		93.249	214
Nurse Faculty Loan Program			
HRSA CU00-5724		93.264	62,452
Allergy, Immunology and Transplantation Research			
5 F32 AI058520-03		93.855	-24,886
Special Projects of National Significance			
5 H97 HA00270-04-02		93.928	101,935
Bioterrorism Training and Curriculum Development Program			
5 T01 HP01411-05-00		93.996	523,304
Total Direct Award Programs:	Health Resources & Services Admin		<b>971,735</b>
<b>Health Resources &amp; Services Admin-BHP</b>			
Advanced Education Nursing Traineeships			
2 A10 HP00142-07-00		93.358	113,422
Biomedical Research and Research Training			
5 D55 HP05154-01-00		93.859	285,307
5 D55 HP05154-01-00		93.859	4,173
Total Direct Award Programs:	Health Resources & Services Admin-BHP		<b>402,902</b>
<b>Health Care Financing Admin</b>			
Centers for Medicare and Medicaid Services Research, Demonstrations and Evaluations			
HCFA 95-C-90998/2-08		93.779	1,647,533
HCFA 95-C-90998/2-08 PJ1		93.779	229,067
Total Direct Award Programs:	Health Care Financing Admin		<b>1,876,600</b>

**The Trustees of Columbia University in the City of New York**  
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<u>Federal Grantor /Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
<b>Food &amp; Drug Administration</b>			
Food and Drug Administration-Research			
1 RO1 FD003498-01		93.103	189,938
5 R01 FD-002525-03		93.103	157,686
1 R01 FD-R-002525-01		93.103	-147
5 R01 FD-R-002525-02		93.103	-38,099
Total Direct Award Programs: Food & Drug Administration			<b>309,378</b>
<b>Center for Disease Control</b>			
Center for Disease Control			
1 N01 CDC		93.000	211,097
5 F02 CDC CU5224		93.000	55,243
1 R01 NIOSH CU5224		93.000	1,968
Innovations in Applied Public Health Research			
5 R01 DP000110-03		93.061	195,911
1 R18 HK000057-01		93.061	166,825
Center for Disease Control			
1 CDC 200-2001-00076		93.116	17,189
CDC 200-2001-00076		93.116	-16
Centers for Research and Demonstration for Health Promotion and Disease Prevention			
5 U48 DP000030-04		93.135	563,843
3 U48 DP000030-03S1		93.135	256,497
5 N01 CDC 200-2001-0		93.135	205,012
3 U48 DP000030-03S1 SUP		93.135	167,931
CDC 200-2001-0		93.135	31,301
CDC 200-2001-0		93.135	6,895
3 U48 DP000030-02S1 SUP		93.135	-46
3 U48 DP000030-02S1		93.135	-247
Injury Prevention and Control Research and State and Community Based Programs			
5 U49 CE000731-03		93.136	348,074
5 U49 CE000731-03 SC1		93.136	205,018
5 U49 CE000731-02		93.136	193,635
5 U49 CE000731-03 SC2		93.136	81,199
5 U49 CE000731-02 SC2		93.136	42,308
5 U49 CE000731-02 SC1		93.136	33,224
5 U49 CE000731-03 SC3		93.136	25,012
1 U49 CE000731-01		93.136	19,179
5 R49 CCR218598-05-0		93.136	822
5 R49 CCR218598-05-0 S10		93.136	0
5 R49 CCR218598-05-0 S11		93.136	-2
5 R49 CCR218598-05 SC2		93.136	-5
5 R49 CCR218598-05-0 SC6		93.136	-818
Human Health Studies-Applied Research and Development			
5 B02 CDC 200-2003-0		93.206	221,727
Occupational Safety and Health Program			
5 R01 OH008215-04		93.262	372,658
5 R01 OH007590-05		93.262	328,994
5 R01 OH004192-06		93.262	253,976
5 R01 OH004192-05		93.262	69,136

**The Trustees of Columbia University in the City of New York**  
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**For year ended June 30, 2008**

<u>Federal Grantor / Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
2 R01 OH007590-04A1		93.262	4,953
5 R01 OH008215-03		93.262	73
<b>Centers for Disease Control and Prevention-Investigations and Technical Assistance</b>			
5 U59 /CU223268-05		93.283	835,426
5 U01 C100044202		93.283	705,100
5 U01 C100044202		93.283	408,499
1 R01 CI000537-01		93.283	152,795
5 U59 /CU223268-04		93.283	123,479
1 U3 8 DP001085-01		93.283	72,023
5 U01 C100044202 SC1		93.283	26,676
5 CDC CCR223380-		93.283	-1,641
<b>National Center for Research Resources</b>			
1 U01 C100044201 SC1		93.389	7,604
<b>Cooperative Agreements to Support Comprehensive School Health Programs to Prevent HIV</b>			
CDC U87/CCU220155-		93.938	18,500
<b>HIV Demonstration, Research, Public and Professional Education Projects</b>			
5 U65 PS000239-02		93.941	205,096
5 UR6 PS000300-02		93.941	90,440
1 UR6 PS000300-01		93.941	77,807
<b>Epidemiologic Research Studies of AIDS &amp; HIV Infection in Selected Population Groups</b>			
1 U01 PS000700-01		93.943	102,376
<b>Cooperative Agreements to Support State-Based Safe Motherhood and Health Initiative Programs</b>			
5 U01 DP000175-03		93.946	224,432
5 U01 DP000175-04		93.946	1,812
5 U01 DP000175-03		93.946	-19,606
<b>Total Direct Award Programs:</b> Center for Disease Control			<b>7,109,384</b>
<b>Admin for Children &amp; Families</b>			
<b>Social Services Research and Demonstration</b>			
90YE0063/05		93.647	935,575
90YE0063/04		93.647	476,552
<b>Total Direct Award Programs:</b> Admin for Children & Families			<b>1,412,127</b>
<b>Agency for Healthcare Research &amp; Quality</b>			
<b>Research on Healthcare Costs, Quality and Outcomes</b>			
1 K02 HS017007-01		93.226	80,403
1 R36 HS016836-01A1		93.226	16,633
1 R03 HS016333-01		93.226	2,583
5 U18 HS11905-03		93.226	-3,306
<b>Agency for Healthcare Research &amp; Quality</b>			
5 R25 RR017374-05		93.333	214,560
<b>Total Direct Award Programs:</b> Agency for Healthcare Research & Quality			<b>310,873</b>
<b>Other DHHS (Non-NIH)</b>			
<b>Improving, Enhancing, and Evaluating Outcomes of Comprehensive Heart Health Care Programs</b>			

**The Trustees of Columbia University in the City of New York**  
**Supplemental Schedule of Expenditures of Federal Awards**  
**For year ended June 30, 2008**

<u>Federal Grantor / Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
DHHS HHCWH050003-01-		93.012	23,643
Maternal and Child Health Federal Consolidated Programs MC05056-02		93.110	13,105
Research on Healthcare Costs, Quality and Outcomes HS017423-01A1		93.226	112,764
Cancer Research Manpower 1 F31CA132626		93.398	22,628
Assistance Programs for Chronic Disease Prevention and Control DP222197-05		93.945	370,249
Family Planning-Service Delivery Improvement Research Grants 1 FPRPA006019-03-00 FPRPA006025-02-00-02 1 FPRPA006019-02-00 FPRPA006025-01-00-01		93.974 93.974 93.974 93.974	165,524 150,150 45,307 44,637
Total Direct Award Programs: Other DHHS (Non-NIH)			<b>948,007</b>
<b>Pass-through Awards</b>			
<b>Health Resources &amp; Services Admin</b>			
Health Resources & Services Admin IFFAMH CU08-7819		93.000	9,660
Maternal and Child Health Federal Consolidated Programs UUMC 2408082-04	1 R40 MC04298	93.110	-410
HIV Emergency Relief Project Grants MHRA 93-EVL-4645	HRSA	93.914	190,160
Special Projects of National Significance PH CU08-0140		93.928	83,667
Trauma Care Systems Planning and Development NYAM CU08-7393	HRSA	93.952	55,178
Maternal and Child Health Services Block Grant to the States SDH C-021002 SDH C-021002	HRSA HRSA	93.994 93.994	55,701 -80
Total Pass-through Programs: Health Resources & Services Admin			<b>393,876</b>
<b>Food &amp; Drug Administration</b>			
Food and Drug Administration-Research MINO2-2004 #60943-01	5 R01 FD002588-02	93.103	18,934
Total Pass-through Programs: Food & Drug Administration			<b>18,934</b>
<b>Center for Disease Control</b>			
Project Grants and Cooperative Agreements for Tuberculosis Control Programs ASPH S2133-22/23S1 SUP	5 U36 CCU300430-24S1	93.116	50,786

The accompanying footnotes are an integral part of the Supplemental Schedule of Expenditures of Federal Awards

**The Trustees of Columbia University in the City of New York**  
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**For year ended June 30, 2008**

<u>Federal Grantor /Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
ASPH S2133-22/23S1	5 U36 CCU300430-24S1	93.116	10,082
ASPH S2133-22/23S1	5 U36 CCU300430-24S1	93.116	1
<b>Acquired Immunodeficiency Syndrome Activity</b>			
RTI-4-47U-8235	5 R01 CDC 200-2001-00123	93.118	8,489
<b>Centers for Disease Control and Prevention-Investigations and Technical Assistance</b>			
AAMC MM-1002-07/07	5 U36/CCU319276-04	93.283	251,465
AAMC MM-1002-07/07	5 U36/CCU319276-05	93.283	76,670
UTEXHOUS S3031-23/23	5 U36-CCU300430-24	93.283	23,064
UTEXHOUS S3031-23/23	5 U36-CCU300430-25	93.283	22,887
AAMC MM-0322-03/03	5 U36 /CCU319276-02	93.283	534
AAMC MM-0322-03/03	5 U36 /CCU319276-03	93.283	-1,100
AAMC MM-0323-03/03S1	5 U36/CCU319276-03	93.283	-1,527
<b>Epidemiologic Research Studies of AIDS &amp; HIV Infection in Selected Population Groups</b>			
NYAMED CU08-7923		93.943	19,860
<b>Total Pass-through Programs: Center for Disease Control</b>			<b>461,211</b>
<b>Admin for Children &amp; Families</b>			
<b>Family Planning-Services</b>			
MPRI #8935-05-036	DHHS #233-02-0056	93.217	-4
<b>Social Services Research and Demonstration</b>			
UCHICA CU52031302	90YE0070	93.647	34,016
<b>Total Pass-through Programs: Admin for Children &amp; Families</b>			<b>34,012</b>
<b>Substance Abuse &amp; MHS Admin</b>			
<b>Substance Abuse and Mental Health Services-Projects of Regional and National Significance</b>			
SRFMH CU52235803	5 U79 SM557433-03	93.243	98,099
<b>Total Pass-through Programs: Substance Abuse &amp; MHS Admin</b>			<b>98,099</b>
<b>Other DHHS (Non-NIH)</b>			
<b>Other DHHS (Non-NIH)</b>			
DIS PT08-7687		93.000	29,169
<b>Public Health and Social Services Emergency Fund</b>			
02-001-CCSUBSIDY-783	5 R01 DHHS 233-01-0015	93.003	2,747
<b>Policy Research and Evaluation Grants</b>			
UKRF 3048107033-08-2		93.239	17,076
<b>Substance Abuse and Mental Health Services-Projects of Regional and National Significance</b>			
NMHAMHA CU07-1548		93.243	15,000
<b>Social Services Research and Demonstration</b>			
OREGSU P0209A	90YE0075/03	93.647	47,034
<b>Total Pass-through Programs: Other DHHS (Non-NIH)</b>			<b>111,026</b>
<b>Total: Department of Health &amp; Human Services</b>			<b>14,458,164</b>



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<u>Federal Grantor /Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
<b>National Institute of Health</b>			
<b>Direct Awards</b>			
<b>National Institute on Aging</b>			
National Institute on Aging			
7 R01 AG13642-10		93.000	161,498
1 N01 NIA 263-MA-515		93.000	14,065
Microbiology and Infectious Diseases Research			
5 K23 AI059884-04		93.856	112,326
Aging Research			
5 U24 AG026395-03		93.866	1,243,071
5 R37 AG15473-10		93.866	1,180,317
5 P01 AG007232-19		93.866	1,008,711
5 U01 AG023749-04		93.866	998,483
5 P01 AG023028-05		93.866	776,403
5 P01 AG007232-19 COB		93.866	680,421
5 R01 AG007370-17		93.866	604,608
5 P50 AG08702-18 CCB		93.866	509,590
2 R01 AG017761-11A2		93.866	491,874
2 R01 AG14673-08		93.866	471,014
5 U24 AG026395-02		93.866	470,074
5 R01 AG026158-04		93.866	414,816
5 R01 AG021617-05		93.866	399,938
5 R01 AG016206-09		93.866	378,040
5 P01 AG174490-07 PJ1		93.866	374,223
1 R01 AG027518-01A1		93.866	337,608
5 R01 AG025161-04		93.866	327,418
5 P50 AG08702-18 GCC		93.866	322,658
1 R01 AG028786-01A1		93.866	267,415
5 P01 AG007232-19 COC		93.866	234,046
5 R01 AG025302-03		93.866	230,347
5 P01 AG174490-07 PJ4		93.866	223,257
5 P01 AG174490-07 PJ3		93.866	215,089
5 P01 AG174490-07 PJ2		93.866	214,520
5 R01 AG025240-02		93.866	213,114
5 P01 AG174490-07 COA		93.866	211,189
5 P50 AG08702-18 NPC		93.866	203,225
5 R21 AG027468-02		93.866	195,397
5 P50 AG08702-18 PJ1		93.866	190,313
1 R01 AG026114-01A2		93.866	186,690
5 P50 AG08702-18 PJ3		93.866	183,803
5 P01 AG174490-07 COB		93.866	175,814
5 P01 AG007232-19 COE		93.866	167,936
5 P30 AG015294-10 CO1		93.866	167,784
5 P30 AG015294-10 CO3		93.866	156,829
1 K23 AG029949-01		93.866	145,353
5 P01 AG174490-07 COC		93.866	133,910
5 K08 AG025883-02		93.866	133,104
1 P01 AG026467-01A2 COC		93.866	126,545
5 P50 AG08702-18 DMC		93.866	119,370
5 P50 AG08702-18 PJ2		93.866	117,483
5 K02 AG021944-05		93.866	114,226
5 K01 AG021548-05		93.866	100,616
2 R01 AG017761-11A2 SC1		93.866	94,885
7 R21 AG027398-02 SC1		93.866	94,395
5 T32 AG000261-09		93.866	94,018

**The Trustees of Columbia University in the City of New York**  
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<u>Federal Grantor / Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
3 R01 AG016206-08S2 SUP		93.866	93,662
5 P50 AG08702-18 EIT		93.866	91,903
5 P01 AG007232-19 PJ4		93.866	89,049
5 P50 AG08702-18 ADM		93.866	87,513
7 R21 AG027398-02		93.866	83,062
5 P50 AG08702-18 SUP		93.866	78,929
1 R01 AG028506-01		93.866	73,198
1 P01 AG026467-01A2 PJ2		93.866	72,972
5 P01 AG007232-19 PJ3		93.866	72,841
5 U01 AG023749-05		93.866	61,634
5 P01 AG007232-19 PJ2		93.866	61,507
1 P01 AG026467-01A2 PJ3		93.866	59,087
5 P01 AG007232-18 COE		93.866	58,998
5 R01 AG020935-05		93.866	56,040
5 P01 AG007232-19 PJ1		93.866	54,423
5 R37 AG15473-09 SCA		93.866	49,050
5 P50 AG08702-17 PJ2		93.866	47,679
5 P50 AG08702-18 PL1		93.866	46,899
5 P50 AG08702-18 PL2		93.866	46,657
5 P50 AG08702-18 CCH		93.866	45,219
5 P01 AG007232-19 COD		93.866	44,395
5 U01 AG023749-03		93.866	43,201
1 P01 AG026467-01A2 PJ1		93.866	39,552
1 R01 AG028593-01A2		93.866	34,675
5 P01 AG007232-18 PJ2		93.866	31,230
5 P01 AG007232-19 CD2		93.866	30,722
1 P01 AG026467-01A2 COB		93.866	18,171
5 P01 AG007232-18 PJ5		93.866	17,718
5 P50 AG08702-19 CO CO		93.866	16,862
5 T32 AG000261-10		93.866	16,717
5 P01 AG007232-18		93.866	16,063
5 P01 AG007232-19 PJ5		93.866	15,638
5 R01 AG18234-05		93.866	14,914
5 R37 AG15473-09 SU1		93.866	14,532
5 P01 AG007232-18 CD2		93.866	14,511
5 P50 AG08702-18 PJ2 PJ		93.866	13,557
2 P01 AG17490-06A1 PJ3		93.866	12,287
1 U01 AG028713-01		93.866	11,530
5 P01 AG007232-18 COC		93.866	11,266
5 P50 AG08702-17 ADM		93.866	9,552
5 P50 AG08702-18 COR CO		93.866	9,336
5 P30 AG015294-10 CO2		93.866	9,294
5 P50 AG08702-17 PJ1		93.866	8,970
5 P50 AG08702-17 CCB		93.866	8,637
5 P50 AG08702-17 CCH		93.866	8,087
2 P01 AG17490-06A1 PJ4		93.866	8,026
5 P50 AG08702-17 PJ3		93.866	7,961
5 P50 AG08702-17 DMC		93.866	6,831
5 P50 AG08702-19 PJ3 PJ		93.866	6,480
5 R01 AG017761-10		93.866	5,910
5 R01 AG016206-08 SC1		93.866	4,350
5 P50 AG08702-18 PJ1 PJ1		93.866	3,779
2 P01 AG17490-06A1 COA		93.866	2,922
5 P50 AG08702-17 GCC		93.866	2,786
5 P01 AG007232-18 COB		93.866	2,007
5 P50 AG08702-18 CO CO		93.866	811
2 P01 AG17490-06A1 COC		93.866	646
5 T32 AG000261-08		93.866	438
2 P01 AG17490-06A1 PJ2		93.866	315
5 P50 AG08702-17 PL1		93.866	0

The accompanying footnotes are an integral part of the Supplemental Schedule of Expenditures of Federal Awards

**The Trustees of Columbia University in the City of New York**  
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5 P50 AG08702-17 NPC		93.866	-53
5 K23 AG020725-05		93.866	-1,332
5 P50 AG08702-17 EIT		93.866	-4,316
2 P01 AG17490-06A1 PJ1		93.866	-10,588
5 P01 AG007232-18 PJ3		93.866	-13,386
5 P01 AG007232-18 PJ1		93.866	-21,029
5 R01 AG017761-10 SUP		93.866	-66,711
Total Direct Award Programs: National Institute on Aging			<b>17,725,415</b>
<b>Nat. Inst. of Allergy &amp; Infectious Disease</b>			
Trans-NIH Research Support			
5 U19 AI067773-03 ADM		93.310	2,290,692
1 U19 AI06777-03		93.310	31,479
Allergy, Immunology and Transplantation Research			
5 U19 AI067773-02 ADM		93.855	1,744,547
5 R01 AI064481-04		93.855	750,329
5 U19 AI067773-03 PJ1		93.855	691,573
5 R01 AI065609-02		93.855	683,490
5 R01 AI065200-04		93.855	602,138
5 U01 AI070411-02 SC1		93.855	553,303
5 R01 AI057835-04		93.855	465,826
1 R01 NIAID CU5228		93.855	460,722
5 R01 AI023549-23		93.855	459,849
5 R01 AI024021-19		93.855	408,262
5 R01 AI058211-04		93.855	408,024
5 RO1 AI067703-02		93.855	399,309
5 U19 AI067773-03 COB		93.855	368,197
1 R56 AI068017-01A2		93.855	363,851
7 R01 AI050234-07		93.855	345,972
5 U01 AI070411-02		93.855	323,337
5 R01 AI020516-25		93.855	308,748
5 T32 AI049821-07		93.855	301,611
1 U01 AI069470-01 ITC		93.855	283,499
5 R01 AI043576-10		93.855	277,427
5 R01 AI070272-19		93.855	276,813
5 U19 AI067773-03 PJ2		93.855	257,935
3 R01 AI50754-06A1S1		93.855	250,698
5 U01 AI069466-02		93.855	210,919
5 U19 AI067773-02 PJ2		93.855	202,718
1 U01 AI069470-01 IMP		93.855	192,425
1 R01 AI064654-01A2		93.855	177,712
5 U19 AI046132-09 PJ1		93.855	174,015
1 U01 AI069470-01 PTT		93.855	165,788
5 R21 AI067804-02		93.855	165,337
1 U01 AI069466-01		93.855	159,645
1 U01 AI069470-01 HFC		93.855	154,804
5 U19 AI067773-02 COB		93.855	151,431
1 R01 AI072571-01A1		93.855	133,869
5 U19 AI046132-09 PJ4		93.855	133,309
5 U19 AI067773-03 SUP		93.855	129,676
1 U01 AI070411-01		93.855	126,743
5 U19 AI046132-09 PJ2		93.855	121,357
5 R21 AI059177-02		93.855	120,265
1 U01 AI069470-01 HPT		93.855	116,149
7 K08 AI065450-03		93.855	112,404
5 U19 AI067773-03 P10		93.855	108,831
1 K08 AI072043-01A1		93.855	105,461

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<u>Federal Grantor / Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
5 U19 AI046132-09 PJ3		93.855	99,643
5 U19 AI067773-03 PJ9		93.855	97,787
5 R21 AI067502-02		93.855	88,424
5 U19 AI056362-0503 CLP		93.855	86,253
5 U19 AI067773-02 PJ1		93.855	75,835
5 U19 AI046132-09 COA		93.855	75,735
5 U19 AI067773-03 PJ8		93.855	70,994
5 U19 AI067773-03 PJ7		93.855	70,552
3 F32 AI066826-03		93.855	65,974
5 U19 AI067773-03 PJ6		93.855	63,861
5 U19 AI067773-03 PJ5		93.855	63,601
5 U19 AI067773-03 P11		93.855	50,122
5 U19 AI046132-09		93.855	44,360
5 U19 AI067773-03 P12		93.855	43,598
5 F32 AI071439-02		93.855	39,266
5 U19 AI067773-03 PJ4		93.855	34,663
5 U19 AI067773-02 PJ4		93.855	27,081
2 T32 AI049821-06		93.855	22,490
5 U19 AI056362-0503 SC1		93.855	20,568
3 R01 AI050754-06A1S		93.855	18,237
5 U19 AI056362-0402 ADM		93.855	15,616
5 U19 AI067773-03 P13		93.855	14,987
1 R21 AI076841-01A1		93.855	12,348
5 U19 AI067773-02 PJ8		93.855	8,691
5 U19 AI046132-08 COA		93.855	7,454
5 U19 AI067773-02 PJ7		93.855	7,174
5 R01 AI050659-05		93.855	6,071
1 F32 AI071439-01		93.855	5,941
5 U19 AI067773-02 PJ6		93.855	3,957
1 U19 AI067773-01 ADM		93.855	3,170
2 R01 AI049387-05A1		93.855	2,776
5 U19 AI067773-02 PJ9		93.855	2,755
5 U19 AI067773-02 PJ5		93.855	2,666
5 RO1 AI059159-02		93.855	1,945
5 U19 AI067773-02 P10		93.855	1,164
5 U19 AI046132-07 PJ5		93.855	959
5 U19 AI046132-08 PJ3		93.855	0
5 U19 AI046132-08 PJ2		93.855	-560
5 T32 AI07525-10		93.855	-5,829
5 U19 AI046132-07 COA		93.855	-7,454
5 R01 AI055704-04		93.855	-9,146
5 R01 AI062069-03		93.855	-33,554
5 U19 AI056362-0402 CLP		93.855	-55,401
5 R56 AI065609-02		93.855	-69,019

**Microbiology and Infectious Diseases Research**

5 R01 AI057804-04		93.856	590,370
5 UC1 AI062705-01		93.856	443,854
5 R01 AI027187-16		93.856	231,542
5 T32 AI07161-29		93.856	188,455
5 R01 AI051310-04		93.856	176,414
5 T32 AI07531-08		93.856	120,337
5 U01 AI46386-05X3 SP2		93.856	90,854
5 R01 AI051292-05		93.856	80,984
5 R01 AI057804-03 SUP		93.856	71,293
5 F31 AI066459-03		93.856	35,989
5 P01 AI051392-05		93.856	31,477
5 U01 AI048016-05		93.856	21,506
5 T32 AI07161-28		93.856	9,446
1 R01 AI064481-01 SC1		93.856	1,181

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<u>Federal Grantor /Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
3 U01 AI042171-13S3		93.856	448
1 F31 AI066459-02		93.856	316
3 R01 AI051292-04S1 SUP		93.856	2
5 P01 AI051392-05 PJ1		93.856	-15,722
5 R01 AI50754-05		93.856	-35,143
Total Direct Award Programs: Nat. Inst. of Allergy & Infectious Disease			<b>19,389,847</b>
<b>Nat. Inst. of Arthritis &amp; Muscul. &amp; Skin Disease</b>			
Nat. Inst. of Arthritis & Muscul. & Skin Disease			
5 R21 AR052402-02		93.333	165,218
Arthritis, Musculoskeletal and Skin Diseases Research			
5 R01 AR048565-05		93.846	665,667
5 R01 AR44924-09		93.846	589,106
5 R01 AR048997-05		93.846	556,951
5 R01 AR049896-03		93.846	441,404
5 R01 AR05257902		93.846	402,943
5 R01 AR052713-02		93.846	337,264
5 R01 AR051187-04		93.846	264,974
5 R01 AR046255-07 PR		93.846	239,059
5 K24 AR052665-03		93.846	200,596
5 R01 AR046532-09		93.846	177,701
5 R01 AR046568-07 PR		93.846	162,865
5 R01 AR043628-13		93.846	157,583
5 K08 AR050273-03		93.846	142,836
5 T32 AR007605-10		93.846	140,653
5 R01 AR048565-06		93.846	136,692
5 P30 AR44535-06 COA		93.846	136,198
5 K01 AR048594-05		93.846	116,545
5 K23 AR053113-02		93.846	114,849
5 P30 AR44535-06 COD		93.846	112,126
5 R21 AR052706-03		93.846	110,096
1 K23 AR053507-01A1		93.846	108,528
1 K23 AR053202-01A2		93.846	107,348
5 K01 AR049819-03		93.846	106,318
1 K23 AR054127-01A1		93.846	99,655
1 U01 AR055068-01		93.846	96,841
5 P30 AR44535-06 COC		93.846	85,953
5 R21 AR052417-02		93.846	85,927
5 P30 AR44535-06 COB		93.846	80,976
5 K01 AR048582-05		93.846	77,218
5 R03 AR054071-02		93.846	75,974
5 R01 AR049896-04		93.846	70,537
1 U01 AR055068-01 GUO		93.846	58,439
1 R01 AR054447-01A2		93.846	55,673
1 F32 AR05500701		93.846	45,313
5 P30 AR44535-06 PF1		93.846	38,780
5 P30 AR44535-06 PF4		93.846	35,298
5 P30 AR44535-06 PF2		93.846	33,876
5 R01 AR043628-11 A1		93.846	14,915
5 R03 AR048645-03		93.846	14,675
5 P30 AR44535-06 PF3		93.846	14,101
5 R01 AR046568-07 A2		93.846	12,050
5 F32 AR055007-02		93.846	9,974
5 R01 AR046568-07 A1		93.846	9,208
5 R01 AR047338-05		93.846	9,006
7 K01 AR048591-04		93.846	5,259
2 P30 AR44535-05A2 COD		93.846	4,099

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<u>Federal Grantor / Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
5 R01 AR049938-02		93.846	1,958
2 P30 AR44535-05A2 PF4		93.846	872
2 P30 AR44535-05A2 COA		93.846	403
2 P30 AR44535-05A2 COC		93.846	91
5 T32 AR007605-09		93.846	76
7 R01 AR047984-05		93.846	64
5 R01 AR48287-04 A01		93.846	0
2 P30 AR44535-05A2 PF3		93.846	-99
5 R01 AR046255-06 A		93.846	-448
2 P30 AR44535-05A2 PF5		93.846	-797
5 R01 AR043602-11		93.846	-6,869
5 R01 AR049896-02		93.846	-16,855
<b>Total Direct Award Programs: Nat. Inst. of Arthritis &amp; Muscul. &amp; Skin Disease</b>			<b>6,705,663</b>
<b>National Cancer Institute</b>			
Mental Health Research Grants			
1 R34 MH078719-01A1		93.242	225,001
1 R34 MH078719-01A1 A		93.242	19,659
National Cancer Institute			
5 R01 CA114014-02		93.386	246,902
National Cancer Institute			
5 U54 CA121852-03 PRI		93.390	1,116,295
5 U54 CA121852-03 C24		93.390	399,143
5 U54 CA121852-03 C21		93.390	292,519
5 U54 CA121852-02 C24		93.390	289,886
5 U54 CA121852-03 C11		93.390	243,760
5 U54 CA121852-02 C32		93.390	242,983
5 U54 CA121852-03 C31		93.390	216,329
5 U54 CA121852-03 C22		93.390	203,549
5 U54 CA121852-03 C12		93.390	201,957
5 U54 CA121852-03 C14		93.390	132,807
5 U54 CA121852-02 C22		93.390	129,004
5 U54 CA121852-03 C13		93.390	108,785
5 U54 CA121852-03 C33		93.390	96,264
5 U54 CA121852-03 C34		93.390	93,477
5 U54 CA121852-03 C23		93.390	87,014
5 U54 CA121852-02 C14		93.390	72,322
5 U54 CA121852-03 C32		93.390	62,588
5 U54 CA121852-02 C31		93.390	42,625
5 U54 CA121852-02 C21		93.390	39,155
5 U54 CA121852-02 C12		93.390	36,532
5 U54 CA121852-02 C23		93.390	20,033
5 U54 CA121852-02 C11		93.390	16,362
5 U54 CA121852-02 C13		93.390	-1
1 U54 CA121852-01A1 C11		93.390	-1,527
5 U54 CA121852-02 PRI		93.390	-73,434
Cancer Cause and Prevention Research			
5 U01 CA069398-14		93.393	657,380
5 R01 CA120979-02		93.393	526,027
5 R01 CA104842-04		93.393	426,091
5 R01 CA105136-04		93.393	407,869
2 R01 CA093405-07A1		93.393	386,690
5 R01 CA107431-02		93.393	378,856
4 R37 CA037295-24		93.393	376,820

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<u>Federal Grantor / Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
5 P01 CA049062-16 PJ2		93.393	364,151
5 P01 CA049062-16 PJ1		93.393	336,787
1 R01 CA109551-02		93.393	285,364
5 P01 CA049062-16 PJ3		93.393	273,809
2 R01 CA092245-06		93.393	252,161
5 P01 CA049062-16 TEC		93.393	248,674
5 R01 CA113891-02		93.393	198,512
5 R21 CA126325-02		93.393	179,145
5 R01 CA098180-04		93.393	140,387
5 P01 CA049062-16		93.393	122,214
5 R37 CA58316-15		93.393	120,886
5 R01 CA097249-05		93.393	114,337
1 R01 CA127532-01A1		93.393	110,333
5 R01 CA104843-04		93.393	102,070
5 U01 CA069398-14 SC1		93.393	100,360
5 R01 CA080197-07		93.393	94,037
5 R03 CA125768-02		93.393	91,162
1 R03 CA125855-01A1		93.393	79,551
5 R01 CA097957-05 SC1		93.393	72,757
5 R21 CA114064-02		93.393	70,457
NCI CU07-1451		93.393	65,406
5 R01 CA097957-05		93.393	32,699
5 P01 CA049062-15 PJ1		93.393	19,914
5 P01 CA049062-15 TEC		93.393	14,069
5 P01 CA049062-15 PJ2		93.393	9,064
2 U01 CA069398-13 SC1		93.393	8,294
2 U01 CA069398-13		93.393	8,096
5 P01 CA049062-15 PJ3		93.393	7,910
5 R21 CA115853-02		93.393	5,131
5 R37 CA037295-23		93.393	4,760
3 R37 CA030488-24S1 SC1		93.393	2,225
5 P01 CA049062-15 TEC		93.393	1,701
5 R01 CA072647-09		93.393	1,435
5 P01 CA049062-17 PJ2		93.393	848
5 P01 CA049062-15 PJ1		93.393	-541
5 R01 CA102484-03		93.393	-5,901
5 R01 CA092245-05		93.393	-41,753
5 R37 CA30488-28		93.393	-79,884
<b>Cancer Detection and Diagnosis Research</b>			
5 R01 CA118559-02		93.394	562,262
N01 CP-21178		93.394	376,958
1 R01 CA118559-01A1 SC1		93.394	138,150
1 R21 CA128556-01		93.394	125,151
5 R03 CA123609-02		93.394	86,337
N01 CP-21178 SC1		93.394	42,303
1 R03 CA133925-01		93.394	4,958
5 R21 CA095647-02		93.394	-6,398
<b>Cancer Treatment Research</b>			
5 R01 CA115315-03		93.395	530,547
2 R01 CA097061-05A1		93.395	416,879
5 P01 CA104177-02		93.395	332,306
5 P01 CA104177-03		93.395	252,826
5 R01 CA100451-05		93.395	147,805
5 R01 CA089395-05X2		93.395	138,244
1 R21 CA128452-01		93.395	128,801
5 R01 CA088974-04		93.395	116,158
5 P01 CA104177-02 PJ1		93.395	104,605

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5 R01 CA115315-03 SUP		93.395	87,642
5 R01 CA097318-05		93.395	83,612
5 P01 CA104177-02 PJ2		93.395	31,326
5 P01 CA104177-03 PJ1		93.395	24,223
5 P01 CA104177-03 PJ2		93.395	23,731
5 R01 CA097061-04		93.395	-13,001
1 P01 CA104177-01A2		93.395	-15,914
5 R01 CA095866-05		93.395	-68,823
<b>Cancer Biology Research</b>			
5 P01 CA087497-07		93.396	559,502
5 R01 CA120174-02		93.396	485,664
5 P01 CA087497-07 A1		93.396	423,710
2 P01 CA087497-06A1		93.396	420,693
7 R01 CA115985-04		93.396	411,269
5 R01 CA120196-02		93.396	390,146
5 R01 CA107489-04		93.396	385,957
5 R01 CA050329-15		93.396	384,365
5 R01 CA085628-08		93.396	364,949
5 P01 CA097403-05 PJ3		93.396	362,233
5 R01 CA109525-04		93.396	344,816
5 R01 CA102447-04		93.396	327,882
5 R01 CA102270-05		93.396	315,657
5 P01 CA097403-05 PJ1		93.396	313,829
5 R01 CA109755-03		93.396	306,904
1 R33 CA125520-01		93.396	301,441
5 P01 CA087497-07 A2		93.396	298,623
5 P01 CA097403-05 PJ2		93.396	297,978
5 P01 CA097403-05 PJ4		93.396	297,738
1 R01 CA129627-01		93.396	256,995
5 P01 CA097403-05 COC		93.396	249,597
5 R01 CA101644-06		93.396	249,108
5 R01 CA082783-08		93.396	231,153
5 P01 CA097403-05 PJ5		93.396	229,124
5 R01 CA098712-05		93.396	195,401
5 P01 CA23767-28 PJ2		93.396	169,888
5 P01 CA023767-29 PJ1		93.396	165,657
5 R01 CA118561-03		93.396	147,459
5 P01 CA23767-28 PJ4		93.396	147,197
5 P01 CA023767-29 PJ3		93.396	143,088
5 P01 CA23767-28 PJ3		93.396	133,843
5 P01 CA23767-28 PJ1		93.396	130,790
5 P01 CA097403-05 PJ6		93.396	119,393
5 R01 CA098821-05		93.396	115,487
5 K23 CA101669-04		93.396	112,187
5 P01 CA023767-29 PJ4		93.396	101,968
5 P01 CA23767-28		93.396	81,441
5 P01 CA023767-29 PJ2		93.396	77,198
5 P01 CA023767-29		93.396	76,496
5 P01 CA087497-07 A3		93.396	69,999
7 U01 CA084294-09		93.396	58,065
3 R01 CA077742-09		93.396	55,443
7 R01 CA115717-02		93.396	53,072
5 P01 CA097403-05		93.396	45,364
7 R01 CA076501-10		93.396	41,103
5 R01 CA035675-21		93.396	40,777
1 P01 CA87497-01 A1		93.396	39,565
1 R01 CA124644-01		93.396	37,503
5 R01 CA035675-21 SC1		93.396	37,361
2 P01 CA87497-06A1 A2		93.396	29,789

The accompanying footnotes are an integral part of the Supplemental Schedule of Expenditures of Federal Awards



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<u>Federal Grantor / Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
5 R01 CA095389-06		93.396	23,874
5 R01 CA100190-04		93.396	14,127
5 P01 CA097403-05 COB		93.396	13,318
3 R01 CA050329-15S2 HEN		93.396	12,372
5 R01 CA099523-04 SC2		93.396	8,708
2 P01 CA87497-06A1 A3		93.396	7,977
1 R01 CA129382-01A1		93.396	6,416
5 R01 CA077742-09 OKO		93.396	6,309
5 R01 CA094037-05		93.396	4,758
5 P01 CA097403-04 PJ3		93.396	4,001
5 R01 CA099523-04		93.396	3,965
5 R01 CA088951-05		93.396	3,127
5 P01 CA097403-04 PJ1		93.396	2,063
5 P01 CA097403-04 PJ4		93.396	2,025
5 P01 CA097403-04 PJ6		93.396	2,000
5 R01 CA093693-04		93.396	753
5 R01 CA087677-05		93.396	547
5 P01 CA097403-04 COC		93.396	0
5 R01 CA79646-07		93.396	-65
5 P01 CA097403-04		93.396	-73
1 R01 CA111618-01A2		93.396	-637
5 R01 CA093677-04		93.396	-6,750
5 R01 CA099523-04 SC1		93.396	-14,574
5 P01 CA097403-04 PJ5		93.396	-44,214
<b>Cancer Centers Support Grants</b>			
5 U54 CA101598-05		93.397	136,876
5 P30 CA013696-34 SC SC1		93.397	111,492
5 U54 CA101598-05 PJ2		93.397	110,482
5 U54 CA101598-05 PP8		93.397	72,010
5 P30 CA013696-34 S27		93.397	70,270
5 U54 CA101598-05 BSC		93.397	63,679
5 U54 CA101598-05 DEC		93.397	62,274
5 P30 CA013696-34 S20		93.397	57,224
5 P30 CA013696-34 SC9		93.397	45,130
5 P30 CA013696-34 SC SC7		93.397	44,615
5 P30 CA013696-34 SC1		93.397	37,892
5 U54 CA101598-04 PEC		93.397	36,892
5 U54 CA101598-04 PJ2		93.397	34,940
5 U54 CA101598-04 PP1		93.397	34,303
5 P30 CA013696-34 SC5		93.397	33,648
5 P30 CA013696-34 SC1		93.397	30,626
5 U54 CA101598-05 PEC		93.397	24,940
5 U54 CA101598-05 RMC		93.397	23,152
5 U54 CA101598-05 P12		93.397	21,273
5 P30 CA013696-34 S23		93.397	17,996
5 P30 CA013696-34 S17		93.397	15,519
5 P30 CA013696-34 PSR		93.397	15,303
5 U54 CA101598-04 DEC		93.397	14,914
5 U54 CA101598-04 P12		93.397	14,517
5 U54 CA101598-04 PP8		93.397	14,241
5 U54 CA101598-04 ADM		93.397	13,757
5 U54 CA101598-04 BSC		93.397	12,823
5 U54 CA101598-04 P10		93.397	8,917
5 P30 CA013696-34 SC		93.397	8,325
5 U54 CA101598-04 PP6		93.397	8,272
5 U54 CA101598-05 PP9		93.397	6,421
5 P30 CA013696-34 PRO		93.397	5,838
5 U54 CA101598-05 P10		93.397	3,712
5 U54 CA101598-04 PP5		93.397	2,357

The accompanying footnotes are an integral part of the Supplemental Schedule of Expenditures of Federal Awards

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<u>Federal Grantor / Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
5 U54 CA101598-05 PP1		93.397	2,159
5 P30 CA013696-34 S15		93.397	1,442
5 U54 CA101598-04 PP9		93.397	863
5 P30 CA013696-34 SC8		93.397	0
5 P30 CA013696-34 SC2		93.397	0
5 U54 CA101598-03 PP3		93.397	-35
5 U54 CA101598-03 ADM		93.397	-65
5 U54 CA101598-04 RMC		93.397	-94
5 U54 CA101598-03 DEC		93.397	-1,140
<b>Cancer Research Manpower</b>			
2 R25 CA094061-06		93.398	237,056
5 T32 CA09529-20		93.398	231,919
2 T32 CA009503-21A1		93.398	205,691
7 F32 CA124078-02		93.398	52,852
5 K07 CA095597-05		93.398	36,110
1K99 CA127360-01A1		93.398	6,480
5 K07 CA092348-05		93.398	4,319
5 K05 CA089155-05		93.398	388
5 T32 CA009503-20		93.398	-306
5 K01 CA095434-05		93.398	-102,418
<b>Cancer Control</b>			
5 R25 CA094061-05		93.399	29,267
<b>Biomedical Research and Research Training</b>			
5 R01 GM07917-06		93.859	314,527
Total Direct Award Programs: National Cancer Institute			<b>27,699,576</b>
<b>Nat. Inst. of Dental &amp; Craniofacial Rsch.</b>			
Oral Diseases and Disorders Research			
5 R01 DE013094-08		93.121	985,670
5 R01 DE016525-03		93.121	638,881
5 R01 DE011290-14		93.121	393,356
5 R01 DE0156949-03		93.121	364,400
5 R01 DE014898-05		93.121	331,082
5 R01 DE015412-04		93.121	288,613
5 R01 DE014575-05		93.121	234,448
5 R01 DE013094-08 SC1		93.121	201,024
5 R21 DE017164-02		93.121	191,505
5 R01 DE014713-05		93.121	185,289
5 R01 DE015391-05		93.121	117,368
5 K22 DE015317-04		93.121	82,077
5 R03 DE016338-03		93.121	81,693
5 R01 DE014898-05 SC1		93.121	57,761
5 R01 DE015115-02		93.121	56,377
7 R01 NIDCR CU5222 SC1		93.121	51,465
5 R01 DE013094-05 SC1		93.121	23,409
5 R13 DE017508-02		93.121	12,197
5 R21 DE015571-02		93.121	-1,407
5 R01 DE013094-05		93.121	-6,592
Total Direct Award Programs: Nat. Inst. of Dental & Craniofacial Rsch.			<b>4,288,616</b>
<b>Nat. Inst. of Environmental Health Sciences</b>			
Nat. Inst. of Environmental Health Sciences			
HHSN273200700004C		93.000	30,116

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<u>Federal Grantor / Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
7 R01 NIEHS CU5228		93.000	175,544
Nat. Inst. of Environmental Health Sciences			
1 P50 ES015905-01 S8		93.113	8,003
2 R01 ES008977-10		93.113	1,075,145
5 R01 ES013163-03		93.113	633,330
5 R01 ES012231-04		93.113	466,132
1 R01 ES014400-01A2		93.113	438,285
5 P30 ES009089-09 SC2		93.113	414,975
5 R01 ES012888-05		93.113	345,125
5 P42 ES010349-07 S10		93.113	307,810
5 R01 ES014229-02 SC1		93.113	285,298
1 R01 ES014939-01A2		93.113	282,951
5 R01 ES008977-09		93.113	279,110
5 P42 ES010349-07 S8		93.113	278,061
5 P42 ES010349-07 S17		93.113	263,540
5 P42 ES010349-07 S3		93.113	255,237
1 P50 ES015905-01 S3		93.113	254,986
5 R01 ES014229-03		93.113	215,836
1 P50 ES015905-01		93.113	201,769
1 U01 ES016110-01		93.113	200,951
1 U01 ES016074-01 SC2		93.113	199,580
5 P30 ES009089-09 SC1		93.113	197,481
5 P42 ES010349-07 S7		93.113	192,225
5 P30 ES009089-09		93.113	191,474
5 P42 ES010349-07 S11		93.113	187,959
1 P50 ES015905-01 S1		93.113	174,018
5 P42 ES010349-07 S6		93.113	170,129
5 P30 ES009089-09 SC3		93.113	168,837
5 R01 ES008977-11 SC1		93.113	168,413
5 P42 ES010349-07 S14		93.113	168,405
5 P42 ES010349-07 S15		93.113	162,904
5 R21 ES013063-03		93.113	147,886
1 P50 ES015905-01 S2		93.113	143,852
5 P42 ES010349-07 S13		93.113	124,166
5 P42 ES010349-07 S2		93.113	121,609
5 P42 ES010349-07		93.113	118,341
5 R01 ES005786-13		93.113	117,786
1 P50 ES015905-01 S4		93.113	112,275
5 P42 ES010349-07 S5		93.113	111,710
5 P01 ES009600-09 PJ4		93.113	106,397
5 R01 ES011601-04		93.113	103,269
5 P30 ES009089-09 SC4		93.113	100,036
5 R01 ES011379-05		93.113	95,094
5 P30 ES009089-09 SC6		93.113	85,325
5 P01 ES009600-09 PJ1		93.113	80,457
1 P50 ES015905-01 S6		93.113	75,530
1 P50 ES015905-01 S5		93.113	73,375
5 P01 ES009600-09 PJ3		93.113	62,266
2 P30 ES009089-10		93.113	57,038
2 P30 ES009089-10 SC2		93.113	55,565
5 P42 ES010349-07 S12		93.113	55,500
5 P01 ES009600-09 COR		93.113	55,422
5 P42 ES010349-07 S1		93.113	55,266
5 R01 ES013163-02 SC1		93.113	52,376
5 R01 ES014229-03 SUP		93.113	49,030
5 P01 ES009600-10 PJ1		93.113	48,808
5 P01 ES009600-09 PJ5		93.113	47,931
5 P01 ES009600-09 PJ9		93.113	47,192
5 P01 ES009600-10 PJ4		93.113	45,584

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<u>Federal Grantor / Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
5 R21 ES013177-02		93.113	40,511
5 P01 ES009600-09 PJ6		93.113	38,964
2 P30 ES009089-10 SC1		93.113	36,643
5 P01 ES009600-10 PJ5		93.113	35,491
5 P01 ES009600-10 PJ2		93.113	34,863
5 P30 ES009089-09 SC8		93.113	34,816
5 P30 ES009089-09 SC9		93.113	34,815
5 P01 ES009600-10 PJ3		93.113	33,348
5 P01 ES009600-10		93.113	31,517
1 P50 ES015905-01 S7		93.113	31,150
5 P42 ES010349-07 S9		93.113	28,358
5 P30 ES009089-09 PP7		93.113	27,998
5 P30 ES009089-09 SC7		93.113	23,223
5 P01 ES009600-09 PJ2		93.113	21,106
5 P01 ES009600-10 PJ6		93.113	20,955
5 P42 ES010349-07 S4		93.113	17,740
2 P42 ES010349-06 S8		93.113	16,108
5 R01 ES014229-03 SC2		93.113	16,012
2 P42 ES010349-06 S10		93.113	15,527
5 P42 ES010349-07 S16		93.113	8,001
5 R01 ES008977-09 SC1		93.113	6,479
5 P30 ES009089-09 PP9		93.113	6,153
2 P30 ES009089-10 SC1		93.113	4,753
1 U01 ES016110-01 TRA		93.113	4,433
1 R21 ES015347-01A2		93.113	3,515
5 R01 ES011804-04		93.113	3,390
5 P42 ES010349-08 S19		93.113	2,907
2 P42 ES010349-06 S7		93.113	2,597
1 U01 ES016074-01		93.113	2,352
5 R01 ES011379-05 SC1		93.113	2,272
2 P30 ES009089-10 SC6		93.113	1,556
2 P30 ES009089-10 SC3		93.113	660
2 P30 ES009089-10 SC SC4		93.113	486
2 P42 ES010349-06 S16		93.113	3
2 P42 ES010349-06 S9		93.113	2
2 P42 ES010349-06		93.113	-17
2 P42 ES010349-06 S5		93.113	-51
2 P42 ES010349-06 S6		93.113	-162
2 P42 ES010349-06 S3		93.113	-18,347
Nat. Inst. of Environmental Health Sciences			
5 R01 ES013543-03		93.115	481,067
5 R01 ES012460-03		93.115	427,076
1 R56 ES014392-01		93.115	340,180
5 R01 ES005116-17		93.115	317,563
5 R01 ES012732-04		93.115	262,922
5 R01 ES010922-05		93.115	125,055
5 R01 ES012468-03		93.115	45,813
5 R01 ES013543-03 SC1		93.115	40,310
5 R03 ES013308-02		93.115	1
NIEHS Superfund Hazardous Substances-Basic Research and Education			
5 P42 ES010349-08 S8		93.143	79,416
5 P42 ES010349-08 S17		93.143	66,995
5 P42 ES010349-08 S6		93.143	65,220
5 P42 ES010349-08 S3		93.143	62,217
5 P42 ES010349-08 S14		93.143	52,779
5 P42 ES010349-08 S15		93.143	45,957
5 P42 ES010349-08 S5		93.143	43,520

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5 P42 ES010349-08 S11		93.143	35,501
5 P42 ES010349-08 S10		93.143	30,757
5 P42 ES010349-08 S12		93.143	27,489
5 P42 ES010349-08 S13		93.143	21,444
5 P42 ES010349-08		93.143	18,415
5 P42 ES010349-08 S7		93.143	17,515
5 P42 ES010349-08 S2		93.143	15,301
5 P42 ES010349-08 S9		93.143	13,155
5 P42 ES010349-08 S1		93.143	12,188
5 P42 ES010349-08 S4		93.143	7,115
5 P42 ES010349-08 S16		93.143	3,337
<b>Nat. Inst. of Environmental Health Sciences</b>			
5 T32 ES007322-07		93.894	120,149
5 P30 ES009089-09 PP3		93.894	27,554
5 P30 ES009089-09 PP1		93.894	20,658
5 P30 ES009089-09 PP2		93.894	19,598
5 P30 ES009089-09 PP4		93.894	11,591
5 P30 ES009089-09 PJ5		93.894	10,065
5 P30 ES009089-08 SC2		93.894	1,042
5 P30 ES009089-08 PJ5		93.894	0
5 P30 ES009089-08 SC1		93.894	-777
5 P30 ES009089-08 PP2		93.894	-4,855
5 P30 ES009089-08 SC4		93.894	-6,552
2 T32 ES007322-06A1		93.894	-27,494
<b>Total Direct Award Programs:</b>	<b>Nat. Inst. of Environmental Health Sciences</b>		<b>14,142,129</b>
<b>National Eye Institute</b>			
National Eye Institute			
3 R011 EY012536-09S1		93.000	22,672
1 R01 EY017039-01A1		93.000	73,718
<b>Family Violence Prevention and Services/Grants for Battered Women's Shelters-Grants to Indian Tribes</b>			
5 R01 EY015835-03		93.671	295,263
<b>Unaccompanied Alien Children Program</b>			
3 PN2 EY016586-03S1 EQP		93.676	19,500
<b>Vision Research</b>			
3 PN2 EY016586-03S2 PR		93.867	517,094
5 R01 EY013435-07		93.867	461,752
5 R01 EY012736-19		93.867	425,277
5 R01 EY002115-31		93.867	372,393
5 PN2 EY016586-04		93.867	363,482
5 R01 EY015290-05		93.867	348,612
5 R01 EY009076-16		93.867	293,863
5 R01 EY012536-08		93.867	280,199
1 R21 EY017938-01		93.867	269,938
5 K23 EY013972-05		93.867	251,140
5 PN2 EY016586-04 A1		93.867	234,191
5 R01 EY015293-03		93.867	220,539
5 R01 EY011001-13		93.867	219,342
5 T32 EY013933-07		93.867	195,152
5 R01 EY015520-03		93.867	184,841
5 R24 EY015634-04		93.867	168,486
5 K08 EY015540-04		93.867	143,134
5 R01 EY013759-04		93.867	130,971

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<u>Federal Grantor /Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
5 PN2 EY016586-03 A6		93.867	99,288
5 PN2 EY016586-04 A6		93.867	87,012
5 PN2 EY016586-04 A3		93.867	81,859
5 R01 EY015520-03 SC2		93.867	81,560
5 R01 EY015520-03 SC1		93.867	78,786
2 R01 EY012536-09		93.867	66,044
5 PN2 EY016586-03 A5		93.867	59,824
5 PN2 EY016586-03 A1		93.867	56,117
5 R01 EY011001-13 SC1		93.867	52,313
5 PN2 EY016586-04 A5		93.867	45,162
5 PN2 EY016586-03 A4		93.867	34,197
5 R01 EY012951-07		93.867	22,210
5 R01 EY008459-15		93.867	16,827
2 T32 EY013933-06		93.867	16,678
5 PN2 EY016586-04 A4		93.867	13,682
5 F32 EY016284-03		93.867	10,685
5 PN2 EY016586-03 A3		93.867	5,188
3 PN2 EY016586-03S1 A7		93.867	678
5 F32 EY016284-02		93.867	-67
5 K08 EY000408-06		93.867	-31,888
Total Direct Award Programs: National Eye Institute			<b>6,287,714</b>
<b>Nat. Inst. of General Medical Sciences</b>			
Nat. Inst. of General Medical Sciences			
7 R37 GM029169-26		93.000	77,883
Mental Health Research Grants			
5 R01 MH068817-05		93.242	261,812
Nat. Inst. of General Medical Sciences			
5 R25 GM062454-04		93.375	-59,040
Cancer Cause and Prevention Research			
2 R01 GM052493-13A1		93.393	331,268
Cancer Detection and Diagnosis Research			
5 R01 GM074257-02		93.394	16,588
Nat. Inst. of General Medical Sciences			
5 R01 GM066037-04		93.821	43,082
5 T32 GM008798-06		93.821	-1,093
5 R01 GM066753-04		93.821	-26,434
5 R01 GM068595-04		93.821	-46,071
Biomedical Research and Research Training			
2 T32 GM007367-32		93.859	1,213,157
5 R37 GM030997-26		93.859	969,656
5 R01 GM048259-21 PR		93.859	665,224
5 R37 GM050237-15		93.859	611,908
5 R01 GM071458-04		93.859	605,633
5 R01 GM034095-24		93.859	564,122
5 R01 GM071485-04		93.859	544,635
5 R01 GM041784-19		93.859	543,212
2 R01 GM047434-16		93.859	538,752
5 R01 GM37219-21		93.859	490,480
5 R01 GM041815-19		93.859	458,331

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5 R01 GM072867-03		93.859	449,629
2 T32 GM008224-21		93.859	433,079
5 R01 GM036277-21		93.859	412,845
5 R01 GM34102-24		93.859	384,253
2 R01 GM056836-10		93.859	370,981
5 R01 GM059273-09		93.859	369,284
5 R01 GM078464-02		93.859	333,427
5 R01 GM069670-04		93.859	328,230
5 R01 GM078186-02		93.859	325,984
2 R01 GM065281-05A1		93.859	320,655
5 T32 GM008798-07		93.859	315,132
5 T32 GM007088-33		93.859	313,337
5 R01 GM045735-13		93.859	311,268
5 R01 GM018754-46		93.859	309,863
2 R01 GM050187-13		93.859	309,206
5 R01 GM058575-10		93.859	306,940
5 R24 GM074105-03		93.859	304,165
5 R01 GM071700-04		93.859	301,205
5 R01 GM030518-27		93.859	296,246
5 T32 GM008281-20		93.859	295,202
5 R01 GM050291-14		93.859	288,858
2 R01 GM067055-05		93.859	265,521
5 R01 GM067081-04		93.859	265,433
5 R01 GM046502-12		93.859	257,148
5 R01 GM62939-06		93.859	249,164
5 R01 GM054510-15		93.859	239,946
2 R01 GM060326-06A2		93.859	236,063
5 R01 GM074739-02		93.859	215,537
5 R01 GM054099-11		93.859	214,475
5 R01 GM071754-04 COR		93.859	208,901
5 R01 GM072740-03		93.859	207,837
5 R01 GM074806-02		93.859	198,649
2 R01 GM064432-05A1		93.859	193,513
5 R01 GM052018-11		93.859	184,811
5 R01 GM068671-04 SUP		93.859	181,503
5 T32 GM008464-15		93.859	177,602
1 R01 GM076415-01 PR1		93.859	175,386
2 R01 GM068595-05		93.859	174,932
5 R01 GM068448-04		93.859	169,322
1 R01 GM077360-01A2		93.859	168,275
2 R01 GM062270-06A2		93.859	167,131
3 R01 GM076415-02S1 RIO		93.859	153,344
5 R01 GM57043-09		93.859	143,246
1 R01 GM079797-01A1		93.859	133,028
5 R01 GM070789-03		93.859	120,492
5 R01 GM062246-08		93.859	113,840
5 R01 GM064566-05		93.859	111,898
5 R01 GM62939-04 SUP		93.859	107,010
1 R01 GM076415-01 B		93.859	106,441
1 R01 GM076415-01 A		93.859	91,593
3 R01 GM064561-04S1 SUP		93.859	88,085
5 R01 GM043340-17		93.859	82,992
5 T32 GM007367-33		93.859	82,257
2 R01 GM054510-16		93.859	81,787
3 R01 GM040526-19S1 SUP		93.859	81,614
5 R01 GM050187-12		93.859	73,415
3 R01 GM052493-12S1		93.859	66,707
3 R01 GM048259-21S1 A1		93.859	64,264
5 R01 GM071754-03 SHZ		93.859	50,436
5 R24 GM074105-03 SC1		93.859	45,471

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5 F32 GM075709-03		93.859	43,572
5 F31 GM078855-02		93.859	41,807
3 R01 GM052493-12S1 SC1		93.859	41,597
1 F32 GM080864-01		93.859	41,558
3 R01 GM028983-27S1 A1		93.859	40,662
5 F32 GM077937-02		93.859	39,620
5 F32 GM077815-02		93.859	39,480
5 F32 GM077860-02		93.859	37,715
1 R01 GM077495-01A2		93.859	35,990
5 F31 GM073567-04		93.859	32,679
5 F32 GM078840-02		93.859	31,639
5 T32 GM007088-34		93.859	29,827
5 F31 GM077094-03		93.859	22,751
1 F32 GM080859-01A1		93.859	21,789
1 R01 GM077360-01A2 A1		93.859	20,903
5 R13 GM072354-04		93.859	20,116
7 R01 GM066147-06		93.859	20,068
3 R01 GM060326-05S1 A		93.859	17,765
5 F31 GM077097-02		93.859	16,104
5 F31 GM073568-03		93.859	14,205
5 R37 GM047434-15		93.859	13,424
5 F32 GM077860-03		93.859	10,982
1 F32 GM084587-01		93.859	9,249
2 R25 GM062454-05A2		93.859	8,979
5 T32 GM007367-31R1		93.859	8,066
5 R01 GM071754-03 A		93.859	7,357
5 R01 GM058575-08		93.859	7,053
5 F32 GM077815-03		93.859	6,966
5 F32 GM077937-03		93.859	6,759
2 R01 GM061372-06		93.859	5,925
5 R01 GM068671-04		93.859	5,149
5 R01 GM040526-19		93.859	4,907
2 R01GM040526-20A1		93.859	4,256
5 F32 GM075650-02		93.859	3,825
5 F32 GM080864-02		93.859	3,248
5 F32 GM075709-02		93.859	3,248
5 F31 GM073568-02		93.859	1,101
5 R01 GM064633-04		93.859	253
1 F31 GM078855-01		93.859	-304
5 T32 GM008224-20		93.859	-537
5 T32 GM008464-14		93.859	-4,357
5 R01 GM065281-04		93.859	-12,481
5 R01 GM62939-04		93.859	-159,950
Nat. Inst. of General Medical Sciences			
5 R01 GM028983-27		93.862	549,406
2 T32 GM007088-32		93.862	1,685
5 R01 GM037971-20		93.862	-410,690
Total Direct Award Programs: Nat. Inst. of General Medical Sciences			<b>21,515,329</b>
<b>Nat. Inst. of Child Health &amp; Human Dvlpt.</b>			
Nat. Inst. of Child Health & Human Dvlpt.			
HD43374002-A5 FEM		93.000	212,779
HD43374002 ETH		93.000	212,188
5 N01 HHSN2752004033		93.000	40,656
Drug Abuse and Addiction Research Programs			
5 R01 DA020844-03		93.279	355,932

The accompanying footnotes are an integral part of the Supplemental Schedule of Expenditures of Federal Awards



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<b>Nat. Inst. of Child Health &amp; Human Dvlpt.</b>			
2 R01 HD034915-09A2		93.864	310,254
1 R24 HD056691-01		93.864	217,385
1 T32 HD055165-01		93.864	205,415
1 R21 HD055480-01		93.864	196,079
1 R21 HD050740-01A2		93.864	176,331
1 R21 HD052685-01A2		93.864	170,818
5 R01 HD042745-05 SC1		93.864	72,956
1 R03 HD055107-01		93.864	56,489
5 T32 HD055165-02		93.864	29,284
1 R03 HD055126-01		93.864	24,013
5 R03 HD055126-02		93.864	7,940
3 R01 HD041724-05S1		93.864	-1,048
<b>Child Health and Human Development Extramural Research</b>			
5 U10 HD040485-07 CPP		93.865	589,356
2 RO1 HD040182-07A2		93.865	470,983
5 U10 HD040485-07 THY		93.865	459,089
5 U01 HD055155-02		93.865	450,313
5 R01 HD010665-30		93.865	446,189
2 T32 HD007430-11		93.865	424,987
5 R01 HD046715-04		93.865	395,783
5 N01 HD1-3332-06		93.865	382,765
5 R01 HD050118-03		93.865	369,253
5 R37 HD033082-12		93.865	347,969
5 P01 HD032062-14 PJ2		93.865	317,326
5 R01 HD048805-03		93.865	314,675
5 U10 HD040485-07 EEC		93.865	296,669
5 R01 HD042402-05		93.865	273,931
5 P01 HD032062-13 COA		93.865	264,609
5 R01 HD043249-05		93.865	263,824
5 P01 HD032062-14		93.865	263,331
5 P01 HD032062-14 PJ1		93.865	258,387
5 R21 HD050783-02		93.865	244,276
5 U10 HD040485-07 SHT		93.865	212,604
5 U10 HD040485-07 GDM		93.865	206,747
5 R01 HD047215-02		93.865	201,524
5 R01 HD047177-04		93.865	197,264
5 P01 HD032062-14 PJ3		93.865	177,929
5 T32 HD049339-02		93.865	171,269
5 P01 HD032062-14 PJ4		93.865	169,698
5 R01 HD44265-09		93.865	155,335
1 R01 MD057543-01		93.865	136,947
5 K12 HD001275-08		93.865	132,906
5 K01 HD042776-05		93.865	128,978
5 P01 HD032062-13 PJ4		93.865	125,472
5 R01 HD055651-02		93.865	121,488
5 R01 HD42413-03		93.865	107,862
5 P01 HD032062-13 PJ2		93.865	103,780
2 R01 HD042837-11A1		93.865	99,131
5 R01 HD042770-05		93.865	96,819
5 R01 HD050118-03 S1		93.865	96,226
5 R21 HD047733-02		93.865	95,759
5 P01 HD032062-13 COA		93.865	78,476
5 K23 HD047634-04		93.865	76,350
5 K12 HD043389-05 S10		93.865	75,142
5 U10 HD040485-07		93.865	72,576
5 K12 HD043389-05 S11		93.865	67,723

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<u>Federal Grantor / Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
5 K12 HD043389-05 S12		93.865	63,231
7 R01 HD029446-16		93.865	61,529
5 K08 HD043112-06		93.865	60,237
2 U10 HD040485-06 NIC		93.865	57,838
5 P01 HD032062-13 PJ3		93.865	57,763
5 U10 HD040485-08		93.865	57,408
5 R01 HD034915-08 SC1		93.865	57,287
5 U10 HD040485-07 APX		93.865	48,293
5 R01 HD042745-05		93.865	47,886
3 R01 HD034915-09 S1 SC1		93.865	47,877
5 R21 HD048612-02		93.865	47,496
5 K12 HD043389-05 S13		93.865	46,798
1 R01 HD053814-01A2		93.865	46,593
5 U10 HD040485-07 TSH		93.865	46,099
1 R01 HD05761-01		93.865	44,673
5 U10 HD040485-07 APX		93.865	43,955
5 R01 HD027564-09		93.865	40,550
5 R03 HD050334-03		93.865	39,502
5 R01 HD033082-10		93.865	29,970
5 U10 HD040485-07 CAP		93.865	28,350
5 U10 HD040485-07 SCA		93.865	27,365
5 K12 HD043389-05		93.865	26,609
5 U10 HD040485-07 ZEP		93.865	25,182
2 U10 HD040485-06 DMC		93.865	21,675
5 U10 HD040485-07 SC1		93.865	20,021
5 R21 HD050178-02		93.865	17,291
5 U10 HD040485-08 ZEP		93.865	14,412
1 F31 HD055153-01		93.865	14,338
5 K12 HD043389-05 SC9		93.865	7,438
5 K12 HD043389-05 SC8		93.865	4,816
5 U10 HD040485-08 EEC		93.865	4,241
5 T32 HD007430-10		93.865	2,216
2 U10 HD040485-06		93.865	1,840
5 U10 HD040485-07 CAP		93.865	1,559
5 U10 HD040485-07 THS		93.865	1,360
5 P01 HD032062-12 COA		93.865	1,206
5 K12 HD043389-05 SC7		93.865	625
2 U10 HD040485-06 THS		93.865	596
5 T32 HD049339-03		93.865	545
2 U10 HD040485-06 SC1		93.865	423
5 U10 HD040485-07 GDM		93.865	155
5 R01 HD38652-03X3 ADM		93.865	114
2 U10 HD040485-06 GDM		93.865	113
5 P01 HD032062-12 PJ3		93.865	75
5 K12 HD043389-04 SC4		93.865	33
5 R01 HD041891-03		93.865	-204
5 K12 HD001275-07		93.865	-267
3 R01 HD041724-05S1 SUP		93.865	-3,312
2 U10 HD040485-06 NHB		93.865	-5,828
2 U10 HD040485-06 OME		93.865	-42,823
2 U10 HD040485-06 STR		93.865	-45,667
5 R01 HD034915-08		93.865	-98,634
5 R01 HD041596-04		93.865	-107,833
Nat. Inst. of Child Health & Human Dvlpt.			
5 U01 HD042823-05 SC4		93.929	655,470
5 U01 HD042823-05		93.929	165,039
5 U01 HD042823-05 SC2		93.929	93,802
5 U01 HD042823-05 SC3		93.929	74,131
7 K23 HD042702-05		93.929	71,575

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5 U01 HD042823-05 SC1		93.929	31,431
Total Direct Award Programs: Nat. Inst. of Child Health & Human Dvlpt.			<b>14,183,654</b>
<b>National Heart, Lung, &amp; Blood Institute</b>			
National Heart, Lung, & Blood Institute			
5 R01 HLO75529-04		93.000	184,960
N01-HC-95161 SC2 SC2		93.000	10,462
N01 -HC-45208		93.000	583,646
N01 -HC-45208 SC1		93.000	50,008
National Heart, Lung, & Blood Institute			
5 R01 HL044365-15		93.371	349,574
Cancer Cause and Prevention Research			
5 R24 HL076857-04		93.393	884,719
5 KO7 HL082628-03		93.393	229,351
Heart and Vascular Diseases Research			
5 P01 HL028958-25		93.837	1,881,423
1 U01 HL088942-01		93.837	1,253,765
5 R01 HL057560-11		93.837	747,948
5 R01 HL078566-04		93.837	690,907
1 P01 HL087123-01A1 PJ2		93.837	600,163
5 R01 HL080146-02		93.837	583,464
2 R01 HL055638-11A1		93.837	579,461
5 R01 HL072057-04		93.837	573,828
3 R01 HL076485-04S1		93.837	565,927
5 R01 HL075101-04		93.837	561,223
5 R01 HL061228-10		93.837	560,643
5 P50 HL077096-03 COA		93.837	559,702
5 R24 HL076857-03		93.837	529,333
5 R37 HL045095-17		93.837	523,975
2 R01 HL067101-06A1		93.837	511,893
1 P01 HL087123-01A1 PJ1		93.837	500,057
5 R01 HL056180-14		93.837	497,230
5 P50 HL077096-02 PJ5		93.837	494,492
5 R01 HL73325-04		93.837	491,478
5 P50 HL077096-03 PJ2		93.837	478,412
5 P50 HL077096-03 PJ6		93.837	477,733
5 R01 HL062583-07		93.837	463,637
1 P01 HL087123-01A1 PJ3		93.837	457,817
2 R01 HL022682-30		93.837	446,380
5 R01 HL066030-09		93.837	444,752
5 RO1 HL08455-02		93.837	432,716
5 R01 HL080152-02		93.837	430,795
5 RO1 HL084599-03		93.837	430,702
5 R01 HL066140-06		93.837	422,822
5 U01 HL68290-07		93.837	416,930
5 R01 HL074161-05		93.837	384,255
2 RO1 HL086392-03		93.837	377,145
5 R01 HL077860-04		93.837	356,742
5 R01 HL025848-27		93.837	356,537
2 R01 HL068093-05A2		93.837	344,115
5 R01 HL58860-08		93.837	342,329
2 R01 HL056810-10A1		93.837	339,608
5 T32 HL007343-30		93.837	335,101
5 P01 HL047540-15 PJ2		93.837	302,379

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<u>Federal Grantor /Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
5 R01 HL076411-04		93.837	289,686
5 P50 HL077096-03 PJ3		93.837	286,606
1 UO1 HL088951-01		93.837	281,912
5 P50 HL077096-03		93.837	281,609
5 P01 HL060901-09 PJ2		93.837	276,282
5 RO1 HL083205-02		93.837	276,011
5 UO1 HL087945-02		93.837	274,745
5 R01 HL075639-04 PR		93.837	261,432
5 T32 HL007854-12		93.837	258,764
1 P01 HL087123-01A1 COA		93.837	257,898
5 R01 HL073029-05		93.837	254,933
5 RO1 HL075805-03		93.837	246,593
1 UO1 HL087945-01		93.837	240,443
1 R01 1HL086845-01A1		93.837	235,803
5 P50 HL077096-03 COB		93.837	234,618
5 K23 HL072866-06		93.837	228,037
1 PO1 HL081172-01A1		93.837	220,217
5 R01 HL080146-02		93.837	219,434
5 P01 HL047540-14 PJ2		93.837	211,126
7 R01 HL069911-06		93.837	206,682
5 R01 HL080146-02 SC1		93.837	201,123
5 P01 HL060901-09 PJ1		93.837	198,649
N01 -HC-95161		93.837	198,570
5 R01 HL040404-20		93.837	195,776
5 P01 HL047540-15 COB		93.837	194,807
7 R01 HL084332-02		93.837	187,699
1 PO1 HL081172-01A1 PJ3		93.837	185,234
1 R01 HL088255-01		93.837	180,892
5 P01 HL060901-09 COB		93.837	180,475
1 PO1 HL081172-01A1 PJ1		93.837	178,146
1 P50 HL077096-01		93.837	177,578
5 R01 HL022174-28		93.837	171,140
5 P01 HL047540-15 COA		93.837	167,538
1 PO1 HL081172-01A1 COC		93.837	167,193
5 P01 HL060901-09 PJ3		93.837	162,398
5 R01 HL073191-06		93.837	159,582
5 T32 HL007854-12 PJ1		93.837	158,202
5 P01 HL060901-09 COC		93.837	157,261
5 P01 HL047540-15		93.837	153,917
5 P01 HL047540-15 PJ3		93.837	152,566
5 P50 HL077096-03 COC		93.837	151,996
5 R01 HL073030-06		93.837	150,930
5 R01 HL062454-09		93.837	150,928
5 P01 HL060901-09 COA		93.837	149,542
1 P01 HL087123-01A1		93.837	144,420
5 R01 HL071252-05		93.837	143,615
5 RO1 HL083418-02		93.837	142,042
1 PO1 HL081172-01A1 COB		93.837	135,949
5 K24 HL076346-04		93.837	131,727
5 K23 HL079343-03		93.837	131,372
5 P50 HL077096-02 COB		93.837	126,245
5 K23 HL086734-02		93.837	124,791
5 T32 HL087745-02		93.837	121,663
1 K08 HL088002-01		93.837	111,237
5 P01 HL060901-08 PJ1		93.837	110,943
5 K24 HL084034-03		93.837	110,751
5 P01 HL047540-15 COC		93.837	107,115
5 P01 HL077096-04 COA		93.837	106,833
5 T32 HL076116-04		93.837	100,933
5 P50 HL077096-03 COD		93.837	100,836

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2 U01 HL68290-06		93.837	99,269
5 P50 HL077096-04 PJ3		93.837	93,705
5 R01 HL061503-09		93.837	89,331
5 P01 HL047540-14 COB		93.837	88,771
5 P01 HL047540-14 PJ3		93.837	80,937
5 P01 HL047540-14 COA		93.837	78,734
1 R21 HL085826-01A1		93.837	78,393
5 P01 HL060901-08 PJ2		93.837	75,111
5 P01 HL047540-14		93.837	74,497
1 P50 HL077096-01 PJ2		93.837	73,798
5 P01 HL060901-08 COB		93.837	72,261
5 P01 HL060901-08		93.837	71,894
5 P01 HL054591-13 PJ		93.837	69,667
5 R01 HL080665-02		93.837	68,972
5 P50 HL077096-04 COB		93.837	67,375
1 PO1 HL081172-01A1 COA		93.837	66,423
5 P50 HL077096-04 PJ2		93.837	63,701
5 R01 HL078566-04 SUP		93.837	59,402
5 R01 HL061783-08		93.837	58,018
5 P50 HL077096-04 PJ1		93.837	53,826
5 P01HL054591-13 PJ2		93.837	53,352
5 P01 HL028958-24		93.837	50,143
5 P01 HL060901-08 COC		93.837	49,911
5 P01 HL047540-15 COD		93.837	49,560
5 P01 HL054591-13 PJ 00		93.837	47,350
1 F31 HL090032-01		93.837	45,972
2 R01HL061228-11		93.837	45,953
2 R01 HL061503-10		93.837	43,099
2 R01 HL075662-04		93.837	39,975
5 P01 HL087123-02 PJ PJ3		93.837	36,156
5 T32 HL087745-02		93.837	35,099
1 K23 HL086714-01		93.837	34,986
5 R01 HL075639-04 B		93.837	34,387
5 R01 HL075662-04		93.837	32,639
5 P01 HL054591-13		93.837	32,404
5 R01 HL056810-09		93.837	31,360
5 P01 HL047540-14 COD		93.837	30,474
5 P01 HL060901-08 PJ3		93.837	27,907
5 P50 HL077096-03 PJ5		93.837	26,607
5 P50 HL077096-04 COD		93.837	25,656
5 P01 HL047540-14 COC		93.837	22,054
1 F32 HL088815-01A1		93.837	19,249
5 R01 HL080146-03 RE		93.837	16,181
5 R01 HL080146-03 SC1		93.837	13,973
5 P01 HL060901-08 SUP		93.837	12,472
5 T32 HL076116-05		93.837	11,628
5 P50 HL077096-04 COC		93.837	11,570
5 R01 HL071165-05		93.837	10,390
5 R01 HL076485-04 SUP		93.837	10,015
5 P50 HL077096-04 PJ5		93.837	8,608
5 T32 HL007854-13		93.837	8,525
5 R01 HL075639-04 A		93.837	8,248
5 R01 HL078566-04 JAM		93.837	5,116
2 T32 HL007343-31		93.837	4,749
5 R01 HL070105-05		93.837	3,408
5 P01 HL047540-12 PRI		93.837	2,269
5 P50 HL056984-10 CRC		93.837	1,154
5 P01 HL067849-05 SCC		93.837	1,071
5 F32 HL079801-03		93.837	986
5 T32 HL007343-29		93.837	863

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5 R01 HL078566-03 PIN		93.837	822
5 R01 HL068954-04		93.837	614
5 P01 HL060901-07 PJ1		93.837	596
5 P01 HL060901-07 PJ3		93.837	516
5 P01 HL028958-23		93.837	173
5 R01 HL067101-05		93.837	27
5 P50 HL056984-10 CRB		93.837	0
5 R01 HL055638-10		93.837	0
5 R01 HL061503-07 SCI		93.837	-4
5 P50 HL077096-02 COC		93.837	-87
5 U01 HL68290-04		93.837	-88
1 P50 HL077096-01 COC		93.837	-164
5 P01 HL047540-12 PJ3		93.837	-478
5 U01 HL68290-04 GER		93.837	-950
5 P01 HL047540-12 COB		93.837	-994
5 R01 HL069408-04		93.837	-1,173
1 P50 HL077096-01 COD		93.837	-1,303
5 P50 HL077096-02 COD		93.837	-1,353
2 R01 HL068954-05		93.837	-1,548
5 R01 HL048109-13		93.837	-1,748
N01 -HC-95161 SUP		93.837	-1,790
5 T32 HL076116-03		93.837	-2,719
2 P01 HL060901-06A1 PJ2		93.837	-2,793
5 P50 HL077096-02 PJ3		93.837	-3,099
5 K23 HL072758-05		93.837	-4,451
5 P01 HL067849-05 SCA		93.837	-5,600
5 U01 HL68290-05 GER		93.837	-7,217
1 R01 HL080146-01A2 SC1		93.837	-14,068
1 RO1 HL081131-01		93.837	-15,593
5 P01 HL047540-12 COC		93.837	-20,267
5 P01 HL067849-05		93.837	-20,725
5 K08 HL067048-05		93.837	-26,304
1 P50 HL077096-01 COB		93.837	-46,112
5 R24 HL076857-02		93.837	-155,182
5 P50 HL077096-02 PJ2		93.837	-181,784
5 P50 HL077096-02		93.837	-329,524
5 P50 HL077096-02 COA		93.837	-701,751
<b>Lung Diseases Research</b>			
5 NOC -HC-95184-09		93.838	2,095,832
5 R01 HL077612-04		93.838	661,780
5 R01 HL075476-04		93.838	604,414
5 R01 HL083850-02		93.838	510,950
2 R01 HL079094-04		93.838	495,107
5 R01 HL073955-04		93.838	465,698
5 NOC -HC-95184-09 DON		93.838	453,771
5 R01 HL066211-06		93.838	419,558
2 R01 HL062215-05A1		93.838	377,029
5 NOC -HC-95184-09 GOL		93.838	368,976
1 R01 HL086719-01		93.838	326,655
5 R01 HL079395-03		93.838	324,935
5 R01 HL082895-03		93.838	306,793
5 R01 HL073989-04		93.838	299,381
5 R01 HL62340-08		93.838	294,829
5 R01 HL054164-12		93.838	259,328
5 RO1 HL070009-05		93.838	255,927
5 R01 HL086936-02		93.838	244,865
5 R01 HL060056-08		93.838	237,123
7 R37 HL036024-23		93.838	232,832
R01 HL057556-11		93.838	215,200

The accompanying footnotes are an integral part of the Supplemental Schedule of Expenditures of Federal Awards

**The Trustees of Columbia University in the City of New York**  
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<u>Federal Grantor / Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
R01 HL078645-04		93.838	203,545
5 NOC -HC-95184-09 GET		93.838	176,870
R01 HL064896-08		93.838	173,644
5 T32 HL072739-04		93.838	152,782
5 K24 HL04074-09		93.838	149,128
R01 HL069514-07		93.838	140,346
5 NOC -HC-95184-09 MIN		93.838	107,441
1 K08 HL083085-01A2		93.838	63,797
5 R01 HL071042-04		93.838	49,991
5 T32 HL072739-05		93.838	45,969
5 R01 HL055413-08		93.838	7,451
5 N01 -HC-95184 EYE		93.838	2,188
2 T32 HL072739-03		93.838	-431
5 K23 HL67771-06		93.838	-4,129
5 R01 HL056194-08		93.838	-12,697
5 R01 HL066782-05		93.838	-21,970
5 R01 HL068236-04		93.838	-83,585
5 R01 HL067268-05		93.838	-177,205
<b>Blood Diseases and Resources Research</b>			
5 RO1 HL063244-08		93.839	345,658
5 RO1 HL084353-02		93.839	332,718
5 R01 HL079370-04		93.839	184,842
1 R21 HL087906-01		93.839	112,819
5 T35 HL007616-29		93.839	78,732
5 R01 HL065568-06		93.839	23,939
5 T35 HL07616-28		93.839	22,464
5 R01 HL62882-05		93.839	-384,533
Total Direct Award Programs: National Heart, Lung, & Blood Institute			<b>46,190,224</b>
<b>Nat. Inst. of Neurological Disorder &amp; Stroke</b>			
Nat. Inst. of Neurological Disorder & Stroke			
3 R01 NS049442-04		93.000	24,556
<b>Mental Health Research Grants</b>			
1 R21 MH080024-01 PRI		93.242	124,131
1 R21 MH080024-01 BM1		93.242	58,386
<b>Trans-NIH Research Support</b>			
1 R21 NS059500-01		93.310	160,036
1 R21 NS061718-01		93.310	155,864
<b>Nat. Inst. of Neurological Disorder &amp; Stroke</b>			
5 R01 NS45383-10		93.387	12,261
<b>National Center for Research Resources</b>			
5 UL1 RR024156-02		93.389	2,541,354
3 UL1 RR024156-02S1 SC2		93.389	1,584,805
3 UL1 RR024156-02S1 SC1		93.389	1,542,650
1 UL1 RR024156-01 SC1		93.389	983,275
3 UL1 RR024156-02S1 SC3		93.389	958,457
3 UL1 RR024156-02S1 SC6		93.389	583,133
3 UL1 RR024156-02S1 SC5		93.389	443,485
1 UL1 RR024156-01 SC3		93.389	413,052
3 UL1 RR024156-02S1 SC7		93.389	392,460
2 TL1 RR024158-02		93.389	316,628

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5 UL1 RR024156-02	SC4	93.389	230,128
5 UL1 RR024156-02	SUP	93.389	221,642
5 KL2 RR024157-02	SC6	93.389	163,624
5 KL2 RR024157-02	SC3	93.389	150,487
5 KL2 RR024157-02	SC9	93.389	149,191
5 KL2 RR024157-02	S10	93.389	148,094
5 KL2 RR024157-02	SC7	93.389	144,342
5 KL2 RR024157-02	S13	93.389	123,784
5 KL2 RR024157-02	S1 S11	93.389	123,042
5 KL2 RR024157-02	SC4	93.389	117,088
5 KL2 RR024157-02	SC8	93.389	108,993
5 KL2 RR024157-02	SC5	93.389	104,880
5 KL2 RR024157-02	S12	93.389	83,439
5 UL1 RR024156-02	SC8	93.389	64,400
1 UL1 RR024156-01	SC6	93.389	62,513
1 KL2 RR024157-01		93.389	59,844
5 KL2 RR024157-02	SC2	93.389	42,979
1 UL1 RR024156-01	SC2	93.389	36,725
1 UL1 RR024156-01	SC5	93.389	24,452
1 UL1 RR024156-01	SC7	93.389	17,054
1 KL2 RR024157-01	SC4	93.389	11,260
1 TL1 RR024158-01		93.389	7,710
1 KL2 RR024157-01	SC5	93.389	7,280
1 UL1 RR024156-01	SC4	93.389	5,154
1 KL2 RR024157-01	SC3	93.389	1,396
1 KL2 RR024157-01	SC2	93.389	730
5 KL2 RR024157-02		93.389	12
1 KL2 RR024157-01	SC1	93.389	-356
1 KL2 RR024157-01	SC8	93.389	-1,704
1 UL1 RR024156-01		93.389	-456,732
<b>Heart and Vascular Diseases Research</b>			
9 K30 RR022281-08		93.837	-1,139
<b>Extramural Research Programs in the Neurosciences and Neurological Disorders</b>			
5 U01 NS047537-05		93.853	1,959,264
2 U01 NS043975-08		93.853	1,916,059
7 U01 NS043975-07		93.853	980,490
5 P50 NS049060-04	PJ3	93.853	699,372
5 R01 NS36630-08		93.853	625,719
1 R01 NS053494-01A1		93.853	616,067
2 U01 NS043975-08	NAS	93.853	612,063
5 K12 NS001698-09		93.853	578,340
5 R01 NS17125-25		93.853	566,685
5 U01 NS051566-02		93.853	545,695
5 R01 NS027941-18		93.853	487,242
5 U01 NS043975-09		93.853	485,561
5 R01 NS029071-17		93.853	468,675
5 R01 NS050602-08		93.853	464,156
5 R01 NS026836-17		93.853	458,247
5 U01 NS047537-04		93.853	442,373
5 R01 NS037949-10		93.853	440,311
5 R01 NS047530-03		93.853	438,189
5 R01 NS036286-08		93.853	430,838
5 R01 NS049070-03		93.853	427,431
5 R01 NS015182-29		93.853	422,172
5 R01 NS029797-13		93.853	416,308
5 R01 NS050528-04		93.853	414,323
5 R01 NS027941-19		93.853	413,459



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<u>Federal Grantor / Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
5 R01 NS012969-32		93.853	401,954
5 U01 NS039143-05		93.853	387,536
1 R01 NS058502-01		93.853	387,023
5 RO1 NS053575-03		93.853	384,689
5 R01 NS048125-04		93.853	383,878
5 R01 NS056049-02		93.853	379,395
5 RO1 NS053884-02		93.853	376,196
1 R01 NS056422-01A1		93.853	373,521
5 R01 NS050266-04		93.853	372,064
5 R01 NS049442-04		93.853	351,936
5 P50 NS049060-04 COA		93.853	347,086
5 P50 NS049060-04 COB		93.853	342,271
1 R01 NS054946-01A1		93.853	336,363
5 R01 NS039996-07		93.853	331,711
5 P50 NS049060-04 PJ2		93.853	328,925
5 R01 NS047918-09		93.853	326,530
5 R01 NS036835-010		93.853	321,659
5 R01 NS056146-02		93.853	306,687
5 R01 NS048134-05		93.853	304,441
1 R21 NS056312-01A1		93.853	304,110
5 P50 NS038370-09 PJ1		93.853	298,382
5 R01 NS036319-08		93.853	295,396
5 U01 NS051566-03		93.853	294,818
5 R01 NS045170-04		93.853	293,532
5 R01 NS047711-04		93.853	291,628
5 R01 NS015076-27		93.853	290,802
5 T32 NS007153-24		93.853	288,580
5 R01 NS015547-27		93.853	283,270
5 R01 NS035140-10		93.853	280,421
5 R01 NS050199-04		93.853	271,027
5 P50 NS038370-09 PJ3		93.853	264,437
5 P01 NS011766-31 PJ2		93.853	262,406
7 U01 NS043975-07 NAS		93.853	260,026
5 P50 NS049060-04		93.853	250,051
5 P50 NS038370-09 PJ4		93.853	249,982
5 R01 NS036658-08		93.853	248,912
5 R01 NS43472-05		93.853	245,740
5 P50 NS038370-09 PJ2		93.853	242,049
5 R01 NS033245-14		93.853	235,964
5 P01 NS011766-31 PJ4		93.853	233,018
5 R01 NS042859-05		93.853	221,127
5 P01 NS011766-31 COB		93.853	218,986
1 R01 NS052804-01A2		93.853	216,157
5 R01 NS048555-04		93.853	203,843
5 K08 NS048871-03		93.853	202,844
5 R01 NS042159-06		93.853	197,807
1 R01 NS059352-01		93.853	193,966
5 R21 NS052794-02		93.853	176,264
5 R21 NS053936-02		93.853	171,991
1 R01 NS059352-01 GUN		93.853	165,160
5 R01 NS043298-04		93.853	160,364
5 R01 NS033689-14		93.853	159,323
5 K08 NS045070-05		93.853	158,638
5 K02 NS048099-03		93.853	156,529
5 R01 NS055809-02		93.853	155,791
5 R01 NS36630-08 SC1		93.853	154,660
5 RO1 NS040808-0602X		93.853	154,270
5 P50 NS038370-09 COB		93.853	153,669
5 R01 NS048125-04 SC1		93.853	152,426
5 K02 NS050429-03		93.853	152,228

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<u>Federal Grantor /Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
5 R01 NS050724-04		93.853	150,193
2 R01 NS033689-14A1		93.853	147,965
5 K25 NS052230-03		93.853	146,660
5 P50 NS049060-04 COC		93.853	145,940
2 R01 NS045383-11A1		93.853	138,231
2 R01 NS040409-06A2		93.853	135,427
5 K08 NS048064-03		93.853	134,403
1 K08 NS053415-01A2		93.853	129,744
5 T32 NS007155-27		93.853	126,562
5 R01 NS35933-09		93.853	116,608
5 R01 NS042859-04		93.853	112,433
5 R01 NS048212-04		93.853	106,872
5 K02 NS045798-04		93.853	100,659
5 K24 NSO47551-04		93.853	100,650
5 R01 NS040792-05		93.853	97,940
5 R01 NS046659-05		93.853	97,572
5 P50 NS038370-08 PJ2		93.853	95,682
5 R21 NS054718-02		93.853	94,601
5 U01 NS047537-05 SC1		93.853	89,417
5 R03 NS054256-02		93.853	83,952
5 R03 NS052269-03		93.853	78,510
5 R01 NS048212-03		93.853	78,439
5 R01 NS037466-07		93.853	74,166
5 R01 NS045294-04X1		93.853	71,901
5 R01 NS048212-03 MAR		93.853	71,615
5 P01 NS011766-31 PJ1		93.853	64,961
5 R01 NS045014-05		93.853	64,644
5 R01 NS042855-04		93.853	64,298
5 K23 NS042912-05		93.853	62,365
5 P50 NS049060-04 COD		93.853	59,936
5 P50 NS038370-09 COA		93.853	59,292
5 R21 NS050302-02		93.853	58,658
5 P50 NS038370-08 PJ1		93.853	56,377
7 R03 NS050746-02		93.853	54,050
1 R21 NS062180-01		93.853	52,517
5 R01 NS036928-06		93.853	52,497
5 R01 NS047510-04		93.853	50,927
3 R01 NS053494-01A1S SUP		93.853	50,000
5 R01 NS36630-09		93.853	44,464
5 F31 NS051008-03		93.853	43,664
1 F31 NINDS CU5228		93.853	40,253
1 F31 NS060341-01		93.853	40,232
1 F31 NS058059-01A2		93.853	38,575
1 F31 NS058096-01A1		93.853	38,501
1 F31 1NS056834-01A2		93.853	38,488
1 R01 NS061908-01		93.853	37,971
5 R01 NS036286-09		93.853	37,904
5 F30 NS051964-03		93.853	36,067
5 F31 NS053246-02		93.853	35,962
5 F30 NS051997-03		93.853	35,839
5 P50 NS038370-08 PJ4		93.853	35,566
5 F31 NS054540-02		93.853	35,261
5 F32 NS055547-02		93.853	33,962
5 F30 NS046971-02		93.853	32,335
5 R01 NS36630-07 SC1		93.853	29,138
5 R01 NS050487-02		93.853	26,082
3 R01 NS056049-02		93.853	25,512
5 P50 NS038370-08 PJ3		93.853	25,157
5 F31 NS052089-03		93.853	25,071
5 F30 NS052037-02		93.853	23,007

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<u>Federal Grantor / Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
5 P50 NS038370-08		93.853	22,597
5 F31 NS053174-02		93.853	18,574
5 F31 NS052089-04		93.853	17,520
5 T32 NS007155-26		93.853	17,053
5 R01 NS023684-25		93.853	16,370
5 F31 NS054607-02		93.853	15,702
5 T32 NS007062-28		93.853	14,090
5 R01 NS36630-09 SC1		93.853	13,579
5 R01 NS047711-04 SUP		93.853	13,355
5 K12 NS001698-08		93.853	10,706
5 P01 NS011766-31 COA		93.853	9,646
5 P50 NS049060-03 COB		93.853	9,176
1 R01 NS057482-01A2		93.853	7,525
1 F32 NS055547-01		93.853	7,190
5 U01 NS047537-04 SC1		93.853	6,446
5 RO1 NS040808-0602S SUP		93.853	5,173
5 K02 NS046472-04		93.853	4,716
5 T32 NS007153-25		93.853	4,393
5 T32 NS007155-28		93.853	4,054
5 P50 NS038370-08 PJ5		93.853	3,203
5 P50 NS049060-03 PJ3		93.853	2,785
1 F31 NS054540-01		93.853	2,752
1 F31 NS054607-01R1		93.853	2,750
5 R01 NS048125-03		93.853	1,873
5 R01 NS042859-02		93.853	1,397
5 F31 NS049964-03		93.853	976
5 R01 NS048125-03 SC1		93.853	931
5 P50 NS049060-03		93.853	821
5 F30 NS051997-02		93.853	131
5 K12 NS001698-08		93.853	10
5 R01 NS045170-03		93.853	0
2 R01 NS036286-06		93.853	0
5 R01 NS042859-03		93.853	-1
5 R01 NS047655-04		93.853	-71
5 K02 NS045798-03		93.853	-210
5 R01 NS043089-04		93.853	-213
5 R13 NS048030-02		93.853	-431
5 T32 NS007153-22		93.853	-1,031
5 R01 NS036286-07		93.853	-1,057
5 F30 NS051964-02		93.853	-1,921
5 R01 NS045718-04		93.853	-3,222
5 P50 NS049060-03 COA		93.853	-3,961
5 R01 NS048212-02 MAR		93.853	-5,792
5 R01 NS048212-02		93.853	-8,017
5 R01 NS029993-14		93.853	-8,685
5 R01 NS040807-05		93.853	-11,475
2 R01 NS027941-17A1		93.853	-21,804
5 R01 NS045819-04		93.853	-32,847
5 T32 NS007153-23		93.853	-54,404
<b>Nat. Inst. of Neurological Disorder &amp; Stroke</b>			
5 R01 NS38636-04		93.854	-1,692
5 R01 NS22061-20		93.854	-63,472
<b>Biomedical Research and Research Training</b>			
7 R21 NS053684-02		93.859	137,028
<b>Aging Research</b>			
5 R01 NS36630-07		93.866	-44,263

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Total Direct Award Programs: Nat. Inst. of Neurological Disorder & Stroke			<b>47,651,971</b>
<b>Fogarty International Center</b>			
Fogarty International Center			
5 D43 TW000231-13		93.154	722,131
5 D43 TW000231-12		93.154	228,944
5 D43 TW000231-13 S4		93.154	104,165
3 D43 TW000231-12S1 S4		93.154	59,400
5 D43 TW000231-13 SUP		93.154	29,505
2 D43 TW000231-11		93.154	21,091
2 D43 TW000231-11 S4		93.154	-6,186
International Research and Research Training			
1 R01 TW008066-01 PR		93.989	213,993
5 D43 TW005724-07		93.989	187,287
1 R01 TW008066-01 CU		93.989	51,648
5 R03 TW007452-02		93.989	13,304
5 D43 TW006240-04		93.989	814
5 D43 TW005724-05 SUP		93.989	-3,023
Total Direct Award Programs: Fogarty International Center			<b>1,623,073</b>
<b>Nat. Center for Research Resources</b>			
Nat. Center for Research Resources			
2 M01 RR000645-34 SCB		93.333	7,200
5 M01 RR000645-35 SCA		93.333	441
5 M01 RR000645-35R1 PRI		93.333	-309
5 U42 RR16629-03 SC1		93.333	-1,472
5 U42 RR016629-04		93.333	-146,617
National Center for Research Resources			
5 P20 RR020616-03		93.389	114,931
5 P20 RR020616-03 SC2		93.389	5,994
5 K12 RR017648-05R1 SC5		93.389	1
Extramural Research Programs in the Neurosciences and Neurological Disorders			
5 K12 RR017648-04 PRI		93.853	180
5 K12 RR017648-04 SC7		93.853	-2,004
5 K12 RR017648-04 SC5		93.853	-3,312
Total Direct Award Programs: Nat. Center for Research Resources			<b>-24,967</b>
<b>Nat. Inst. on Deafness &amp; Other Communication Disorders</b>			
Research Related to Deafness and Communication Disorders			
5 R01 DC006292-05		93.173	364,977
1 R01 DC008701-01		93.173	356,875
5 R01 DC003130-14		93.173	338,033
1 R03 DC009080-01 C		93.173	78,704
5 R01 DC003130-13 SUP		93.173	52,893
5 F32 DC008455-02		93.173	41,830
1 F32 DC008944-01A2		93.173	40,330
1 F31 1DC009098-01		93.173	33,072
5 F31 DC007567-03		93.173	23,746
1 F32 DC008455-01A1		93.173	6,496
5 F31 DC009098-02		93.173	3,462
1R01DC009239-01A1		93.173	572

**The Trustees of Columbia University in the City of New York**  
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**For year ended June 30, 2008**

<u>Federal Grantor / Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
5 R01 DC006713-04		93.173	-824,014
Aging Research			
5 K08 DC004807-05		93.866	49,492
Total Direct Award Programs: Nat. Inst. on Deafness & Other Communication Disorders			<b>566,468</b>
<b>Nat. Inst. of Diabetes &amp; Digestive &amp; Kidney Diseases</b>			
Nat. Inst. of Diabetes & Digestive & Kidney Diseases			
2 P30 DK063603-06 ADM		93.000	56,196
Diabetes, Endocrinology and Metabolism Research			
5 R01 DK066525-05		93.847	716,898
5 R37 DK27044-32		93.847	604,181
5 R01 DK069350-03		93.847	525,467
5 R01 DK066329-03		93.847	460,599
7 U01 DK072504-03		93.847	459,569
5 R01 DK063224-05		93.847	400,972
5 R01 DK063567-05		93.847	357,962
5 T32 DK007271-29		93.847	345,408
5 R01 DK054320-09		93.847	334,737
5 P30 DK063608-05		93.847	333,783
5 R01 DK058282-08		93.847	329,898
5 R01 DK064720-04		93.847	328,664
5 R01 DK058883-07		93.847	323,628
5 R01 DK057539-07		93.847	303,896
1 R01 DK078042-01		93.847	287,697
5 R01 DK067936-03		93.847	283,723
5 T32 DK07328-28		93.847	262,047
5 R01 DK064819-05		93.847	245,821
5 R01 DK070999-02		93.847	227,303
5 R01 DK063034-05		93.847	183,997
5 R01 DK066518-04		93.847	170,236
5 P30 DK063608-05 CO COE		93.847	158,282
1 R01 DK080003-01		93.847	149,284
5 R01 DK077493-02		93.847	147,678
5 T32 DK065522-03		93.847	146,793
5 K24 DK074457-02		93.847	146,108
5 K23 DK067619-04		93.847	145,258
5 K08 DK063061-05		93.847	125,358
5 P30 DK063608-05 COA		93.847	111,268
5 P30 DK063608-05 CO COF		93.847	107,401
5 R33 DK070301-03 SC1		93.847	91,356
5 R01 DK067238-04		93.847	90,466
5 K01 DK074629-02		93.847	90,171
5 R01 DK070999-02 SUP		93.847	86,045
5 P30 DK063608-05 SC1		93.847	81,142
1 K99 DK080080-01		93.847	62,614
5 P30 DK063608-05 SC2		93.847	59,679
5 R01 DK031813-21		93.847	52,628
1 F32 DK079496-01		93.847	42,066
5 R01 DK031775-24		93.847	40,055
5 T32 DK07328-28 SUP		93.847	38,987
5 R01 DK032333-23		93.847	37,199
5 P30 DK063608-05 SC3		93.847	34,577
1 R03 DK077696-01		93.847	34,436
5 R33 DK070301-03		93.847	29,854
5 P30 DK063608-06 SC1		93.847	28,467
5 R21 DK070653-02		93.847	27,840

The accompanying footnotes are an integral part of the Supplemental Schedule of Expenditures of Federal Awards

**The Trustees of Columbia University in the City of New York**  
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<u>Federal Grantor / Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
5 P30 DK063608-06 COF		93.847	26,065
5 P30 DK063608-05 COC		93.847	22,686
5 T32 DK065522-02		93.847	19,272
5 T32 DK07328-29		93.847	15,136
5 P30 DK063608-06 COA		93.847	14,129
5 R33 DK070301-03 SUP		93.847	12,019
5 P30 DK063608-06 COE		93.847	8,382
5 P30 DK063608-06 COC		93.847	7,947
5 P30 DK063608-06 SC3		93.847	3,633
5 P30 DK063608-06 SC2		93.847	2,140
5 T32 DK07328-27 SUP		93.847	1,752
5 T32 DK007271-28		93.847	1,175
5 P30 DK063608-04 COJ		93.847	546
5 R21 DK062351-02		93.847	-521
5 R21 DK070192-02		93.847	-71,617
2 R01 DK066525-04		93.847	-330,373
<b>Digestive Diseases and Nutrition Research</b>			
5 R01 DK052431-15		93.848	614,475
5 R01 DK061310-05		93.848	387,201
5 R01 DK068437-04		93.848	372,580
5 R01 DK052778-10		93.848	367,490
5 R01 DK048077-14		93.848	351,127
5 R01 DK067512-04		93.848	344,449
5 R01 DK072011-03		93.848	344,277
5 R01 DK072526-02		93.848	337,293
5 R01 DK052401-09		93.848	305,766
1 R01 DK079221-01		93.848	232,674
3 T32 DK007647-18S1		93.848	225,208
1 R01 DK0758301A1		93.848	219,493
5 UO1 DK066667-06		93.848	189,570
5 UO1 DK062483-06		93.848	186,873
7 R01 DK064146-06		93.848	169,164
5 R01 DK064773-04		93.848	156,641
5 R01 DK052431-13 SUP		93.848	156,148
5 KO1 DK069489-02		93.848	95,508
5 UO1 DK062483-05		93.848	67,607
5 UO1 DK066667-05		93.848	55,541
2 R01 DK064773-05		93.848	55,220
7 F32 DK076412-03		93.848	48,997
1 R21 DK081050-01		93.848	43,129
5 T32 DK007647-18 SUP		93.848	37,754
5 UO1 DK062483-05 SUP		93.848	17,511
5 T32 DK007647-17		93.848	11,880
5 UO1 DK062483-04		93.848	2,807
1 R01 NIDDK 263MK612		93.848	-4,793
5 K08 DK059960-05		93.848	-16,380
5 R01 DK060758-06		93.848	-18,938
5 R01 DK055686-06		93.848	-42,582
<b>Kidney Diseases, Urology and Hematology Research</b>			
5 R01 DK064084-05		93.849	727,923
5 R01 DK057209-05		93.849	628,866
5 R01 DK066251-04		93.849	454,877
5 R01 DK061459-05		93.849	417,212
5 R01 DK058547-07		93.849	406,292
5 R01 DK07346202		93.849	382,054
5 R01 DK058872-07		93.849	340,166
5 R01 DK075578-02		93.849	302,418

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<u>Federal Grantor / Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
5 P01 DK055388-09 PJ3		93.849	258,931
5 P01 DK055388-10 PJ2		93.849	206,569
5 P01 DK055388-09 PJ1		93.849	205,318
5 P01 DK055388-09 PJ4		93.849	183,463
5 P01 DK055388-10 PJ4		93.849	166,693
5 P01 DK055388-10 PJ3		93.849	156,630
5 P01 DK055388-10 PJ1		93.849	155,765
7 R01 DK076602-03		93.849	136,014
5 R21 DK073903-02		93.849	119,545
1 R21 DK0771608-01A1		93.849	117,751
1 K08 DK078014-01A1		93.849	103,829
5 P01 DK055388-08 PJ2		93.849	92,418
5 F32 DK076345-02		93.849	45,976
5 R01 DK057209-05 TOS		93.849	36,106
5 P01 DK055388-09 PJ2		93.849	21,662
5 P01 DK055388-09 COR		93.849	16,663
5 R01 DK020999-29		93.849	14,042
1 F32 DK077460-01		93.849	8,947
5 P01 DK055388-10		93.849	8,006
5 U01 DK065446-04		93.849	3,959
1 R01 DK080099-01		93.849	2,920
1 F32 DK076345-01		93.849	502
5 P01 DK055388-07 PJ1		93.849	-1,105
5 R01 DK061459-03 SC1		93.849	-1,920

Total Direct Award Programs: Nat. Inst. of Diabetes & Digestive & Kidney Diseases

**20,472,247**

**Nat. Inst. of Nursing Research**

Research and Training in Complementary and Alternative Medicine

5 R01 NR009364-03		93.213	553,595
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Nursing Research

1 R01 NR010107		93.361	353,703
5 R01 NR008903-03		93.361	267,383
1 P30 NR010677-01		93.361	219,250
1 R01 NR010822-01 SC1		93.361	207,631
1 R01 NR010822-01		93.361	152,988
1 T90 NR010824-01		93.361	135,968
2 T32 NR07969-06		93.361	121,643
1 R21 NR010823-01		93.361	114,783
5 R21 NR009350-02		93.361	72,496
5 R03 NR010001-02		93.361	65,584
5 P20 NR007799-06 PRI		93.361	45,918
1 R21 NR010858-01		93.361	45,661
1 P30 NR010677-01 SC2		93.361	25,960
1 P30 NR010677-01 SC1		93.361	21,644
5 R01 NR007782-04		93.361	20,988
5 P20 NR007799-06 PJ2		93.361	15,959
1 P30 NR010677-01 SC3		93.361	13,116
5 P20 NR007799-06 SC8		93.361	8,792
5 R03 NR009476-02		93.361	7,399
5 T32 NR07969-05		93.361	3,327
5 R21 NR009350-02 SC1		93.361	3,100
5 R01 NR007782-04		93.361	2,483
5 R01 NR008343-03		93.361	1,187
5 P20 NR007799-06 SC5		93.361	234
5 P20 NR007799-06 SC4		93.361	202
5 P20 NR007799-06 SC9		93.361	194
5 P20 NR007799-06 PJ1		93.361	-8

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<u>Federal Grantor / Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
5 P20 NR007799-06 SC6		93.361	-199
5 R01 NR008903-03 SC1		93.361	-964

Total Direct Award Programs: Nat. Inst. of Nursing Research **2,480,017**

**National Library of Medicine**

Medical Library Assistance

2 T15 LM007079-16		93.879	1,283,294
2 R01 LM007329-05		93.879	438,660
5 R01 LM006910-08		93.879	349,525
5 R01 LM007659-04		93.879	341,939
5 R01 LM007593-05		93.879	305,482
5 R01 LM008443-03		93.879	303,179
5 R01 LM008799-02		93.879	269,741
2 T15 LM007079-16 SC1		93.879	216,116
5 R01 LM008635-03		93.879	212,532
5 R01 LM007268-03		93.879	170,869
1 R21 LM009638-01		93.879	118,228
5 R01 LM007894-03		93.879	112,276
1 K99 LM009556-01		93.879	98,226
1 G08 LM009376-01		93.879	91,946
5 K22 LMM008805-3		93.879	72,081
5 G13 LM009159-02		93.879	63,371
1 G08 LM008588-01A2		93.879	55,428
5 K22 LMM008805-2		93.879	29,167
5 G08 LM008588-02		93.879	21,617
5 R01 LM007329-04		93.879	9,637
5 T15 LM007079-15		93.879	3,303
7 G08 LM008411-03		93.879	1,136
5 T15 LM007079-15 SUP		93.879	510
5 G13 LM008749-02		93.879	275
5 K22 LMM008805-2		93.879	-2,082

Total Direct Award Programs: National Library of Medicine **4,566,456**

**Nat. Inst. for Complementary & Alternative Med.**

Research and Training in Complementary and Alternative Medicine

5 R01 AT002643-04		93.213	428,302
5 K01 AT001692-03		93.213	107,924
5 R21 AT0030902-03		93.213	96,666
5 R01 AT002643-04		93.213	22,323
5 R21 AT002852-02		93.213	-5

Total Direct Award Programs: Nat. Inst. for Complementary & Alternative Med. **655,210**

**Nat. Inst. on Alcohol Abuse & Alcoholism**

Alcohol Research Career Development Awards for Scientists and Clinicians

5 K05 AA014223-05		93.271	142,270
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Alcohol Research Programs

5 R01 AA014341-02		93.273	806,996
5 R01 AA011924-08		93.273	559,771
7 RO1 AA009963-13		93.273	155,742
5 R01 AA015055-04		93.273	139,234
7 U10 AA011773-09		93.273	36,268
3 R01 AA014341-02S1 A		93.273	1,035



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<u>Federal Grantor /Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
Total Direct Award Programs: Nat. Inst. on Alcohol Abuse & Alcoholism			<b>1,841,316</b>
<b>National Institute on Drug Abuse</b>			
Mental Health Research Grants			
5 R01 MH075026-03		93.242	712,137
5 R01 MH042206-20		93.242	689,386
5 U10 MH064395-07		93.242	653,033
5 P01 MH060970-04 PRI		93.242	575,149
5 R01 MH061399-07		93.242	568,396
5 RO1 MH074813-02		93.242	567,134
2 U10 MH064395-06		93.242	542,467
5 R01 MH039429-24		93.242	511,934
5 R01 MH040695-17		93.242	510,346
5 T32 MH016434-28		93.242	447,826
5 R01 MH073640-03		93.242	440,349
2 R01 MH040210-22A1		93.242	420,349
5 R01 MH045923-17		93.242	417,570
5 R37 MH039349-24		93.242	417,361
5 R01 MH076680-02		93.242	405,272
5 RO1 MH077235-02		93.242	400,351
5 R01 MH063852-05		93.242	386,803
5 R01 MH073915-02		93.242	321,388
5 R01 MH080659-02A1		93.242	298,412
1 R01 MH080234-01		93.242	286,338
5 R01 MH060637-05		93.242	261,353
5 R01 MH080659-02A1 SC1		93.242	241,612
5 R01 MH048850-14		93.242	236,322
5 R01 MH48858-12		93.242	235,289
5 R01 MH055708-09		93.242	208,422
5 R01 MH063749-05		93.242	205,677
1 R21 MH073821-01A1		93.242	198,662
1 R34 MH077156-01A2		93.242	190,949
5 K23 MH076049-03		93.242	189,345
1 R01 MH079162-01A1		93.242	186,151
1 R01 MH081948-01		93.242	185,890
5 K08 MH076258-02		93.242	185,385
5 R34 MH072838-03		93.242	184,636
2 T32 MH065213-06		93.242	182,688
5 T32 MH015174-31		93.242	165,946
1 R01 MH080745-01A1		93.242	162,527
5 K01 MH077652-02		93.242	160,174
5 R21 MH077161-02		93.242	159,677
5 R01 MH058754-10		93.242	157,579
5 P01 MH060970-04 SC3		93.242	154,852
5 R34 MH073651-03		93.242	154,170
1 R01 MH070741-01A2		93.242	135,022
1 R01 MH079488-01A1		93.242	130,185
7 R01 MH067068-05		93.242	121,043
5 R01 MH048514-15		93.242	113,678
5 R21 MH076475-02		93.242	105,452
5 R21 MH074996-02		93.242	99,042
1 R01 MH08225501		93.242	85,622
5 R21 MH067693-03		93.242	71,140
1 R01 MH078993-01A2		93.242	60,120
2 R01 MH067068-06		93.242	53,115
2 R01 MH067068-06 SC1		93.242	51,521
5 F31 MH079775-02		93.242	42,659
1 F32 MH0816620-01		93.242	35,426
1 R01 MH082017-01A1		93.242	31,962
1 R03 MH078071-01		93.242	26,294

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<u>Federal Grantor / Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
7 R01 MH067068-05 SC1		93.242	23,752
1 R24 MH080022-01A1		93.242	17,208
1 R36 MH082614-01		93.242	12,324
1 R01 MH079439-01A2		93.242	8,012
1 R01 MH070741-01A1 PSY		93.242	6,529
5 P01 MH060970-04 SC1		93.242	2,383
5 P01 MH060970-04 SC4		93.242	1,635
<b>Alcohol Research Programs</b>			
1 R21 AA01628601-01A		93.273	171,858
<b>National Institute on Drug Abuse</b>			
5 K08 DA016396-03		93.277	184,007
5 K23 DA021209-03		93.277	183,275
5 K01 DA019933-02		93.277	179,993
1 K24 DA022412-01		93.277	166,930
5 K05 DA14284-07		93.277	123,551
5 K05 DA000081-26		93.277	115,920
1 K05 DA022413-01A1		93.277	102,948
5 K23 DA014572-05		93.277	55,612
1 K02 DA023200-01A1		93.277	51,476
5 K02 DA000288-10		93.277	-83
5 K05 DA000081-25		93.277	-233
5 K23 DA00482-05		93.277	-335
<b>National Institute on Drug Abuse</b>			
5 T32 DA007294-15		93.278	294,291
1 F32 DA023883-01		93.278	36,772
5 T32 DA007294-14		93.278	-1,471
5 T32 DA016224-03		93.278	-3,766
<b>Drug Abuse and Addiction Research Programs</b>			
5 R01 DA016993-04		93.279	918,380
3 R01 DA017721-03		93.279	667,274
5 R01 DA019964-03		93.279	535,175
5 R01 DA019399-03		93.279	469,870
5 R01 MH036197-23		93.279	426,399
1 R01 DA023697-01A1		93.279	408,125
5 R01 DA06234-15		93.279	395,332
2 R01 DA007418-14		93.279	356,247
5 R01 DA015018-05		93.279	348,225
5 R01 DA017293-05		93.279	344,145
5 T32 DA016224-04		93.279	329,823
5 R01 DA019496-2		93.279	283,926
1 RO1 DA024001-01		93.279	279,159
1 R01 DA022455-01A1		93.279	245,725
1 R01 DA021242-01A2		93.279	230,825
5 RO1 DA020733-03		93.279	196,943
5 R01 DA020892-03		93.279	191,774
5 U01 DA015053-12		93.279	181,140
1 R21 DA021122-01A2		93.279	178,633
5 K23 DA020000-03		93.279	169,989
5 R01 DA012697-05		93.279	162,579
5 K23 DA016743-05		93.279	138,280
1 K01 DA022282-01		93.279	127,094
5 K02 DA000465-08		93.279	123,543
5 R01 MH036197-23 SC1		93.279	119,401
5 R01 DA017005-03		93.279	112,320

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<u>Federal Grantor /Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
5 K02 DA000356-09		93.279	93,959
3 R01 DA016993-04S1 A		93.279	90,913
2 K23 DA021850-01A1		93.279	87,888
5 R03 DA021108-02 SC1		93.279	66,442
5 R01 DA019964-03 SUP		93.279	51,233
5 R01 DA014523-03 SUP		93.279	39,223
5 R01 DA016894-03		93.279	34,937
5 R01 DA007418-13		93.279	31,063
1 R03 DA023431-01		93.279	25,419
5 R03 DA021108-02		93.279	20,676
3 R01 DA016993-04S2 B		93.279	10,465
3 R01 DA020733-02S1 SC1		93.279	8,386
3 R01 DA017721-03 B		93.279	7,177
2 T32 DA007294-16		93.279	4,229
5 R01 DA014222-05		93.279	0
5 R24 DA14001-05		93.279	-841
<b>Mental Health Research Career/Scientist Development Awards</b>			
5 K08 MH070954-05		93.281	224,838
5 K08 MH069823-04		93.281	223,018
5 K23 MH066279-04		93.281	189,684
5 K23 MH071285-03		93.281	182,684
5 K08 MH067015-04		93.281	182,632
5 K23 MH07133704		93.281	182,268
5 K23 MH071320-04		93.281	172,615
5 K23 MH064142-05		93.281	168,283
5 K23 MH068405-05		93.281	167,736
5 KO1 MH073034-04		93.281	164,517
5 K08 MH079088-02		93.281	156,010
1 K01 MH081787-01		93.281	145,423
1 K23 MH077653-01A1		93.281	139,443
5 K23 MH071530-03		93.281	134,751
5 K25 MH07406802		93.281	128,631
5 K02 MH074677-03		93.281	123,513
5 K02 MH065422-05		93.281	122,956
1 K23 MH076195-01A2		93.281	95,376
5 K01 MH067086-05		93.281	84,040
1 K08 MH079033-01A2		93.281	39,799
5 K23 MH07500602		93.281	35,032
5 K23 MH64736-05		93.281	32,736
<b>Mental Health National Research Service Awards for Research Training</b>			
2 T32 MH013043-36		93.282	461,903
5 T32 MH019139-18		93.282	436,870
5 T32 MH015144-30		93.282	411,042
5 T32 MH018870-20		93.282	330,278
5 T32 MH018264-24		93.282	309,097
5 T32 MH20004-10		93.282	290,087
5 T32 MH018870-21		93.282	9,186
<b>Trans-NIH Research Support</b>			
1 R03 MH082369-01A1		93.310	26,042
1 R03MH084117-01		93.310	1,166
<b>Money Follows the Person Rebalancing Demonstration</b>			
3 R01 DA017721-02S1 A		93.791	-354
<b>Total Direct Award Programs:</b>	<b>National Institute on Drug Abuse</b>		<b>30,356,973</b>

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<u>Federal Grantor /Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
<b>National Institute of Mental Health</b>			
Mental Health Research Grants			
5 R01 MH069703-05		93.242	366,093
5 R01 MH061530-03		93.242	118,624
5 R01 MH54088-08		93.242	40,284
2 R56 MH061906-04A1		93.242	9,525
3 U10 MH064395-05S1		93.242	7,285
5 T32 MH016434-27		93.242	2,779
5 K01 MH070859-03		93.242	2,387
5 R01 MH54088-08 SC1		93.242	2,072
1 F31 MH079775-01		93.242	1,777
5 R01 MH066058-03		93.242	182
5 R01 MH062155-04		93.242	-1,411
5 R01 MH059627-03 SC1		93.242	-1,480
1 RO1 MH074118-01 SC1		93.242	-1,626
5 R21 MH071381-02		93.242	-8,066
5 P01 MH060970-04 SC5		93.242	-11,824
5 R01 MH059627-05		93.242	-52,602
Mental Health Research Career/Scientist Development Awards			
5 K02 MH064178-05		93.281	55,662
5 K02 MH064842-05		93.281	27,186
5 K02 MH057324-10		93.281	26,672
5 K23 MH61638-05		93.281	8,032
5 K08 MH01913-05		93.281	2,496
5 K23 MH001928-05		93.281	-808
5 K24 MH001699-07		93.281	-970
5 K08 MH001997-05		93.281	-1,268
5 K23 MH002021-05		93.281	-4,160
Mental Health National Research Service Awards for Research Training			
2 T32 MH015174-30		93.282	9,592
5 T32 MH014623-27		93.282	7,981
5 T32 MH20004-09		93.282	6,896
5 T32 MH013043-35		93.282	3,502
5 T32 MH018870-19		93.282	2,838
5 T32 MH019139-17		93.282	1,007
5 T32 MH065213-04		93.282	423
1 F31 MH075324-01A1R		93.282	290
5 F01 MH069089-03		93.282	-54
2 T32 MH019139-16		93.282	-330
2 T32 MH015144-27		93.282	-1,721
5 T32 MH065213-05		93.282	-5,439
5 T32 MH015144-29		93.282	-7,423
5 F30 MH068150-03		93.282	-10,001
Arthritis, Musculoskeletal and Skin Diseases Research			
5 R01 AR049126-06		93.846	-31,407
Total Direct Award Programs: National Institute of Mental Health			<b>562,995</b>
<b>National Human Genome Research Institute</b>			
Human Genome Research			
5 U54 HG003914-03 COB		93.172	1,888,615
5 R01 HG003582-05		93.172	1,286,225
5 U54 HG003914-03		93.172	1,208,381
5 U54 HG003914-03 COC		93.172	760,538

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5 R01 HG003008-04		93.172	385,351
5 R21 HG003718-03		93.172	274,536
5 P50 HG002806-03		93.172	256,878
5 U54 HG003914-03 COD		93.172	232,944
5 R01 HG003380-02		93.172	219,942
5 U54 HG003914-03 SUP		93.172	207,935
5 P50 HG002806-03 SUP		93.172	189,285
5 K22 HG002915-03		93.172	188,041
5 U54 HG003914-03 COE		93.172	166,471
1 R21 HG004552-01		93.172	165,833
5 R21 HG004060-02		93.172	152,999
5 P50 HG002806-03 SC5		93.172	134,152
5 R21 HG003089-03		93.172	95,593
5 U54 HG003914-02 COD		93.172	87,040
5 P50 HG002806-03 SC2		93.172	53,372
5 R03 HG003682-02		93.172	35,010
5 U54 HG003914-02 COC		93.172	28,329
3 U54 HG003914-02S1		93.172	12,786
5 U54 HG003914-02 COE		93.172	5,018
5 U54 HG003914-02 COB		93.172	1,583
5 P50 HG002806-03 SC1		93.172	780
5 K07 HG002646-03		93.172	-1
5 P50 HG002806-03 SC4		93.172	-60,650
Total Direct Award Programs: National Human Genome Research Institute			<b>7,976,986</b>
<b>Other NIH</b>			
Other NIH			
1 R21 HG004404-01		93.072	374,291
Oral Diseases and Disorders Research			
7 R01 DE013964-06		93.121	82,717
Research Related to Deafness and Communication Disorders			
5 R01 DC03159-10		93.173	483,633
Mental Health Research Grants			
5 P30 MH071430-03		93.242	868,406
1 R01 MH076136-01A1		93.242	472,294
5 R01 MH076137-02 PR		93.242	399,470
1 R01 MH075045-01A2		93.242	197,605
5 KO8 MH076083-02		93.242	159,938
1 R25 MH080665-01		93.242	111,333
5 P30 MH071430-03 SUP		93.242	58,881
1 F30 MH083473-01		93.242	33,592
5 P30 MH071430-02 SUP		93.242	17,611
5 R01 MH076137-02 MRI		93.242	8,590
5 P30 MH071430-02		93.242	7,532
Drug Abuse and Addiction Research Programs			
5 R01 DA022541-02		93.279	489,571
Mental Health Research Career/Scientist Development Awards			
5 K23 MH076979-02		93.281	155,684
Mental Health National Research Service Awards for Research Training			
5 F31 MH076719-02		93.282	49,889

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<u>Federal Grantor / Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
1 F31 MH076719-01A1		93.282	-92
Discovery and Applied Research for Technological Innovations to Improve Human Health			
5 P41 EB002033-12		93.286	760,235
4 R33 EB004730-04		93.286	420,950
1 R01 EB0062621-01		93.286	391,930
5 R01 EB006240402		93.286	292,449
1 R01 EB006834-01		93.286	290,888
5 RO1 EB006042-02		93.286	289,130
1 R21 EB006855-01		93.286	196,830
5 P41 EB002033-11		93.286	174,620
5 R21 EB004999-03		93.286	156,330
5 R21 EB0041620-02		93.286	117,309
1 R03 EB008203-01		93.286	94,428
1 R01 EB0062621-01 SC1		93.286	92,100
1 R21 EB007779-01 PJ2		93.286	76,246
2 R01 NIBIB CU5222		93.286	46,887
1 R21 EB006877-01A2		93.286	43,798
1 R21 EB007779-01		93.286	42,452
1 R21 EB007779-01 PJ1		93.286	33,523
1 R21 EB008199-01		93.286	19,325
5 R21 EB004532-02		93.286	15,087
5 R01 EB002332-05 SC1		93.286	6,843
1 R21 EB008521-01		93.286	3,004
5 R01 EB001480-05		93.286	-196,411
Minority Health and Health Disparities Research			
2 P60 MD000206-06 PJ2		93.307	86,133
2 P60 MD000206-06 PRI		93.307	41,934
2 P60 MD000206-06 C01		93.307	29,335
2 P60 MD000206-06 PJ PJ1		93.307	7,647
Trans-NIH Research Support			
1 DP1 OD003635-01		93.310	236,055
1 DP2 OD001674-01		93.310	177,957
1 DP2 OD002414-01		93.310	100,021
Nursing Research			
1 R21 NR010474-01		93.361	74,072
Other NIH			
MD000206-05		93.375	267,369
MD000206-05 C02		93.375	100,549
MD000206-05 C07		93.375	90,456
MD000206-05 C05		93.375	86,620
MD000206-05 C08		93.375	62,727
MD000206-05 C04		93.375	53,333
MD000206-05 C03		93.375	49,510
MD000206-05 C09		93.375	46,551
MD000206-05 SC5		93.375	44,422
MD000206-05 SC1		93.375	22,771
MD000206-05 SC4		93.375	22,409
MD000206-05 P1		93.375	16,406
MD000206-05 SC7		93.375	10,885
MD000206-04 C04		93.375	-46
MD000206-04 C05		93.375	-1,056

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<u>Federal Grantor /Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
<b>Other NIH</b>			
5 DP1 OD000114-04		93.390	329,119
5 R21 GM075933-02 A1		93.390	42,643
5 R21 GM075933-02 PR		93.390	-23,320
<b>Cancer Detection and Diagnosis Research</b>			
1 R21 CA118666		93.394	112,489
<b>Cancer Biology Research</b>			
5 U54 CA126513-02 PJ2		93.396	253,156
5 U54 CA126513-02 PJ1		93.396	238,073
1 R01 CA127643-01A1		93.396	193,591
1 U54 CA126513-01 PJ2		93.396	142,546
5 U54 CA126513-02 PJ4		93.396	123,511
5 U54 CA126513-02		93.396	113,605
5 R21 CA112944-02		93.396	104,908
1 U54 CA126513-01 PJ4		93.396	68,665
1 U54 CA126513-01		93.396	65,208
1 U54 CA126513-01 COA		93.396	58,645
1 U54 CA126513-01 PJ1		93.396	58,299
5 U54 CA126513-02 COA		93.396	45,703
<b>Cancer Research Manpower</b>			
5 K08 CA107077-03		93.398	155,959
5 K01 CA114313-02		93.398	124,909
<b>Other NIH</b>			
5 R01 EB001900-03 PR		93.826	139,378
5 R01 EB001900-03 A1		93.826	-7,068
<b>Heart and Vascular Diseases Research</b>			
2 P01 HL067849-06A1 COA		93.837	306,690
2 P01 HL067849-06A1 PJ1		93.837	294,032
2 P01 HL067849-06A1		93.837	277,078
2 P01 HL067849-06A1 COB		93.837	208,691
5 P01 HL067849-07 PJ1		93.837	85,474
5 P01 HL067849-07		93.837	67,473
1 R21 HL088162-01A1		93.837	64,425
5 P01 HL067849-07 COA		93.837	37,736
1 R21 HL088913-01A1		93.837	24,920
5 P01 HL067849-07 COA		93.837	7,637
<b>Arthritis, Musculoskeletal and Skin Diseases Research</b>			
5 R01 AR051376-02		93.846	414,767
1 R01 AR052871-01A1		93.846	218,670
1 R01 AR052871-01A1 172		93.846	12,050
<b>Diabetes, Endocrinology and Metabolism Research</b>			
5 K24 DK073040-03		93.847	118,759
1 F31 DK079372-01A1		93.847	43,092
<b>Extramural Research Programs in the Neurosciences and Neurological Disorders</b>			
2 U01 NS039143-06		93.853	1,608,397
5 U01 NS051483-02		93.853	536,081
5 R01 NS39422-07		93.853	527,931
5 U01 NS039143-07		93.853	364,409

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<u>Federal Grantor / Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
1 U01 NS051483-01A1		93.853	167,891
1 R01 NS060762-01		93.853	148,851
5 F31 NS055505-02		93.853	30,207
5 F31 NS051957-02		93.853	19,613
5 F31 NS051957-03		93.853	17,004
1 F31 CSR CU5217		93.853	5,806
5 F32 NS048729-03		93.853	-632
<b>Allergy, Immunology and Transplantation Research</b>			
5 R01 AI062931-02		93.855	363,865
5 R01 AI066116-03		93.855	269,193
5 R01 AI066116-02 SC2		93.855	146,412
<b>Biomedical Research and Research Training</b>			
1 R01 GM077175-01A2		93.859	402,967
1 R01 GM079759-01A2		93.859	274,253
NIH CU08-1299		93.859	144,199
5 F32 GM074384-03		93.859	38,282
1 F31 GM082027-01		93.859	38,184
5 R01 GM064561-04 PR		93.859	-195,098
<b>Child Health and Human Development Extramural Research</b>			
5 R01 HD045786-03		93.865	412,397
1 R21 HD051160-01A2		93.865	150,913
<b>Aging Research</b>			
1 R01 AG027934-01A2		93.866	97,725
<b>Vision Research</b>			
5 R01 EY011787-09		93.867	129,939
1 R21 EY018505		93.867	116,313
<b>International Research and Research Training</b>			
1 R03 TW007440-01A1		93.989	35,581
Total Direct Award Programs:	Other NIH		<b>19,337,154</b>
<b>Pass-through Awards</b>			
<b>National Institute on Aging</b>			
<b>Cancer Cause and Prevention Research</b>			
UWIS 835F654	5 P01 AG020166-05	93.393	56,791
<b>Aging Research</b>			
MSSM CU51810205	5 R01 AG015922-10	93.866	273,532
YU NO. A06505	1 P01 AG028054-01	93.866	248,192
MAOJF P01AG17216	5 P01 AG017216-08	93.866	217,828
UTEHOUS CU5230201	1 P01 AG027956-01A1	93.866	205,571
MIT CU52204102 SC1		93.866	180,141
MIT CU52204102		93.866	177,464
MIT CU52204102 SC1		93.866	170,419
UWIS 835F654	5 P01 AG020166-06	93.866	159,096
MIT CU52204102 SC2		93.866	83,705
MIT CU52204102		93.866	81,698
MAOJF P01AG17216 SUP	5 P01 AG017216-07	93.866	78,776
SKI CU08-7681		93.866	70,780
MSSM CU51810204	5 R01 AG015922-09	93.866	54,160



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UCSD P10205852-005	5 U01 AG10483-15	93.866	49,109
3000818901		93.866	48,608
MIT CU52204102 SC2		93.866	41,200
SRFMH CU08-7756		93.866	41,007
UWS X279392	1 RO1 AG029624-01	93.866	33,873
SRFMH 903-1592E		93.866	33,479
LIU CU51359801	1 S06 GM54650-01	93.866	30,466
Q6576145101		93.866	29,485
UWASH 119577	5 U01 AG16976-09	93.866	29,194
UCSD ADNI-02401	U01 AG024904	93.866	24,987
SRFMH CU51390807	5 R01 AG16381-07	93.866	22,462
UPENN 540698		93.866	20,936
UCSF 4972SC		93.866	19,762
NKI CU52253101	1 R21 AG023725-02	93.866	13,847
UCSD ADNI-02401 PIB	U01 AG024904	93.866	8,813
UCSD P10205852-005	5 U01 AG10483-14	93.866	7,733
SRFMH 903-1592A	5 R01 AG021488-04	93.866	6,721
2 P01 AG17490-06A1 COB	5 P30 DK26687-25	93.866	2,173
MSSM CU51810202		93.866	-587
UWIS 835F654	5 P01 AG020166-04	93.866	-5,008
MAOJF P01AG17216	5 P01 AG017216-07	93.866	-6,285
Total Pass-through Programs: National Institute on Aging			<b>2,510,128</b>
<b>Nat. Inst. of Allergy &amp; Infectious Disease</b>			
Nat. Inst. of Allergy & Infectious Disease			
UAB CU08-7385		93.000	310,606
CDUKE CU801259-X2	1 N01 AR-2-2265	93.000	23,752
Trans-NIH Research Support			
UFLRDA CU52249401	R01 AI074068	93.310	207,600
Allergy, Immunology and Transplantation Research			
5 U01 AI069470-02	3 FHCRC PO#0000640499	93.855	841,617
3 U01 AI069470-02S3 HPT	FHCRC PO#0000640499	93.855	520,099
FHCRC CU802074 SUP	5 U01 AI068614-02	93.855	364,184
5 U01 AI069470-02	FHCRC PO#0000640499	93.855	361,063
UPENN CU801771-03	5-U01-AI063589-04	93.855	221,522
3 U01 AI069470-02S3 IMP	FHCRC PO#0000640499	93.855	171,623
MWRI 26-3301-4240		93.855	138,664
FHCRC CU802074	5 U01 AI068614-02	93.855	89,973
FHI 860	5 U01 AI46749-08	93.855	85,313
3 U01 AI069470-02S3 HFC	FHCRC PO#0000640499	93.855	84,599
SWFBR CU52297401	5 R01 AI048071-07	93.855	79,963
UKZN CU08-4879		93.855	66,535
UWASH 390738	1 R01 AI067653-01A2	93.855	62,854
MWRI CU52305601	5 U01 AI068633-02	93.855	58,320
UZZN CU52152001	1 U01 AI069469-01	93.855	56,618
SHRI 3279-01		93.855	53,440
UCSF 3855SC-05	U01 AI052748	93.855	44,990
UPENN CU801771-02	5-U01-AI063589-03	93.855	37,534
AUTOIMMUNITY CENTERS		93.855	32,260
DVAMC CU52309201	1U01 AI068641-01	93.855	20,264
FHCRC 0000620135-01	U01 AI068614-01	93.855	19,948
FHCRC 0000638291-02	5 U01 AI068614-02	93.855	19,045
DUKEU 303-1038		93.855	18,695
SWFBR 08-1112.008		93.855	15,623
UPENN CU801771-01	NIH	93.855	-24
FHI CU51905903	5 U01 AI46749-07	93.855	-265

The accompanying footnotes are an integral part of the Supplemental Schedule of Expenditures of Federal Awards

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<b>Microbiology and Infectious Diseases Research</b>			
UIL CU52265101		93.856	-729
SHRI 2179-05	2 U54 AI057158-05	93.856	559,099
FHI 659-2	5 U01 AI46749-05	93.856	294,632
SHRI 2880-03	2 U54 AI05715804	93.856	221,324
TAMU CU52294601	1 P01 AI60342-01	93.856	166,153
UCLA PO 0000106757	5 R01 AI054928-02	93.856	158,132
SHRI 2167-05	2 U54 AI057158-04	93.856	146,905
SHRI 2191-05	5 U54 AI057158-05	93.856	139,851
SHRI 2176-05	5 U54 AI057158-05	93.856	94,891
SHRI 2171-05	5 U54 AI158057-05	93.856	41,019
DFCI CU511168-10	5 R01 AI40895-10	93.856	29,312
NYAMED CU52309101	5 U01 A128016	93.856	15,406
YU CU51147110	5 R01 AI41608-10	93.856	14,011
NYAMED CU52309101	5 U01 A128016	93.856	7,786
SHRI 2167-04	2 U54 AI05715804	93.856	5,992
FHCRS 04-104902-05-S	5 U01 AI46747-05	93.856	1,907
CAARON 80084405	2 U01 AI041534-06	93.856	129
SHRI 2711-01	5 U54 AI05715803	93.856	-1
DUKE 303-0904	5 U01 AI067854-02	93.856	-35
SHRI 2179-04	2 U54 AI057158-04	93.856	-241
SHRI 2880-02	5 U54 AI05715804	93.856	-283
SHRI 2191-04	5 U54 AI057158-04	93.856	-10,111
<b>Child Health and Human Development Extramural Research</b>			
CHLA PO#25903	5 R01 HD40777-04	93.865	-747
Total Pass-through Programs: Nat. Inst. of Allergy & Infectious Disease			<b>5,890,817</b>
<b>Nat. Inst. of Arthritis &amp; Muscul. &amp; Skin Disease</b>			
Nat. Inst. of Arthritis & Muscul. & Skin Disease			
BWH CU08-8034		93.000	23,401
<b>Arthritis, Musculoskeletal and Skin Diseases Research</b>			
UPENN #545295	1 R01 AR053156-01	93.846	102,805
NSLIJHS CU08-0107		93.846	51,569
UTEXAS CU515228	5 N01-AR-0-2249	93.846	19,233
Total Pass-through Programs: Nat. Inst. of Arthritis & Muscul. & Skin Disease			<b>197,008</b>
<b>National Cancer Institute</b>			
National Cancer Institute			
SAIC 28XS050		93.000	37,001
MMC CU80115701R1X5	NCI N01-CM17103	93.000	28,087
UAB CU51795502	N01-CN-35105	93.000	2,511
<b>Cancer Cause and Prevention Research</b>			
UCHICA 35704	1 R01 CA107431-01	93.393	671,064
CHRCO 12.8256.A-01	NIH 7R01CA109584-04-01	93.393	147,251
ITTRI CU52193501	1 N01 CN43303	93.393	122,750
MSSM 0255-1051-4609 SC1	5 R01 CA109753-02	93.393	107,462
MSSM 0255-1051-4609	5 R01 CA109753-02	93.393	61,455
QIMR CU51759203	5 R01 CA100352-03	93.393	55,190
SKI CU08-0191		93.393	23,220
QIMR CU51759201A2	5 R01 CA100352-02	93.393	-203

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<u>Federal Grantor / Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
<b>Cancer Detection and Diagnosis Research</b>			
BAHI 81700CBS10 SC1 SC1	1 R01 NCI	93.394	458,106
BAHI 81700CBS10	1 R01 NCI	93.394	64,395
BAHI 81700CBS10 SC2	1 R01 NCI	93.394	22,587
SLRIHS CU02111401 A3	5 R33 CA08941-03	93.394	7,758
<b>Cancer Treatment Research</b>			
DFCI CU51555807	5 P01 CA092625-067	93.395	384,824
SKI CU08-7668		93.395	149,003
UTEXAS CU80152002	N01-CN-035159	93.395	136,444
SHRIRP CU51873204	5 R01 CA106815-04	93.395	116,395
GU 4400-208 CU08-798		93.395	72,566
UMASS CU08-0474		93.395	36,590
UMICHG F017580		93.395	31,340
DCFI CUS52262901	2 P01 CA068481-11A1	93.395	28,860
NCCF 16817		93.395	24,888
VCU CU52078802	5 R01 CA108520-02	93.395	23,868
NCCF 97452-1008	U10 CA97452-04	93.395	19,690
CD 74 DIRECTED IMMUNOTHERAPY FOR B CELL		93.395	15,506
NCCF 12769	U10 CA98543-05	93.395	13,215
NCCF 16968		93.395	9,335
NCCF 14147	5 U10 CA98543-05	93.395	6,604
NCCF 16175	U10 CA98843-04	93.395	6,574
CHMCWA HR.7659.15920	5 R01 DE13813	93.395	3,879
CONCGP 13153	5 U01 CA97452-05	93.395	0
NCCF 12769	U10 CA98543-02	93.395	-4
DFCI CU51555805	5 P01 CA092625-05	93.395	-595
SHRIRP CU51873203	5 R01 CA106815-03	93.395	-1,066
DFCI CU51555806	5 P01 CA092625-06	93.395	-3,110
<b>Cancer Biology Research</b>			
CSHL CU52293101	2 P01 CA013106-36	93.396	89,253
<b>Cancer Centers Support Grants</b>			
UTEXAS CU52277301	2 P50 CA091846	93.397	-4,996
<b>Cancer Research Manpower</b>			
RRI J47-03	5 R01 CA84588-06	93.398	-1,405
<b>Cancer Control</b>			
UTEXAS CU51923503		93.399	50,184
WU-08-80 PO NO.2905	5 U54 CA119342-03	93.399	41,644
BU CU5220802	5 U54 CA104677	93.399	32,510
WU-06-191 PO NO.2968	1 NO4 CA119342-01	93.399	27,720
UTEXAS CU521981		93.399	14,436
NCCF 13557		93.399	12,306
UTHSCSA SELECT-07003	5 U10 CA37429	93.399	3,781
UCD 00RA7102-CU	7 U01 CA86322-05	93.399	87
FCCC 16179-03	5 U10 CA1011178-03	93.399	-469
UCD 00RA7102-CU	7 U01 CA86322-04	93.399	-2,776
NCCF 13557	2 U10 CA95861-04	93.399	-3,877
FCCC 16179-04	2 U10 CA1011178-04	93.399	-4,952
UCD 00RA7102-CU SC1	7 U01 CA86322-04	93.399	-5,300
<b>Extramural Research Programs in the Neurosciences and Neurological Disorders</b>			
ROCHSTR CU52245201		93.853	11,963

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Total Pass-through Programs: National Cancer Institute			<b>3,143,549</b>
<b>Nat. Inst. of Dental &amp; Craniofacial Rsch.</b>			
Oral Diseases and Disorders Research			
CUMINN B616612504		93.121	110,300
CUMINN B6166124504	5 U01 DE14338-05	93.121	93,385
BU CU52266301	1 U54 DE14264-06	93.121	2,297
CUMINN B6166124504	5 U01 DE14338-04	93.121	-19,659
Research Related to Deafness and Communication Disorders			
EMORYU 5-41105-G1	1 R21 DC008353-01A1	93.173	102,962
Total Pass-through Programs: Nat. Inst. of Dental & Craniofacial Rsch.			<b>289,285</b>
<b>Nat. Inst. of Environmental Health Sciences</b>			
Environmental Health			
HFHS CU08-7296		93.113	132,587
Nat. Inst. of Environmental Health Sciences			
WHEA CU51742202	5 R25 ES12090-02	93.114	-3,028
Total Pass-through Programs: Nat. Inst. of Environmental Health Sciences			<b>129,559</b>
<b>National Eye Institute</b>			
Vision Research			
UIO CU52207902	1R24 EY017404-02	93.867	252,269
UIO CU52145802	5 R24 EY017404-02	93.867	149,799
SRFMH 903-1585A	5 R01 EY014697-05	93.867	88,212
MCW CU52131303	5 R01 EY015526-01A2	93.867	81,769
OCU CU52147102	5 R43 EY1451702	93.867	19,257
OCU CU52222101		93.867	544
CUTEX CU80069209	5 U01 EY01247-09	93.867	411
Total Pass-through Programs: National Eye Institute			<b>592,261</b>
<b>Nat. Inst. of General Medical Sciences</b>			
Nat. Inst. of General Medical Sciences			
LANL 57886-001-07		93.000	43,504
Nursing Research			
DREXEL CU51174212	5 P01 GM056550-12	93.361	166,805
DREXEL CU51174211	5 P01 GM056550-11	93.361	28,219
Biomedical Research and Research Training			
RUTGER 2236 SC3	5 R01 NIGMS	93.859	1,689,995
RUTGER 2236 SC7	5 R01 NIGMS	93.859	326,800
2 R01 GM062867-06		93.859	289,593
RUTGER 2236 SC8	5 R01 NIGMS	93.859	265,385
RFU CU52049303	5 P01 GM073047-03	93.859	250,020
RUTGER 2236 SC6	5 R01 NIGMS	93.859	168,477
RUTGER 2236 SC1	5 R01 NIGMS	93.859	161,000
NYSBC CU52221003 SC4	5 U54 GM075026-03	93.859	142,665
NYSBC CU52221003 SC1	5 U54 GM075026-03	93.859	137,604
NYSBC CU52221003 SC6	5 U54 GM075026-03	93.859	134,358
RUTGER 2236 SC4	5 R01 NIGMS	93.859	127,886
RUTGER 2236 SC5	5 R01 NIGMS	93.859	113,190

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NYSBC CU52221003 SC3	5 U54 GM075026-03	93.859	110,019
NYSBC CU52221003 SC5	5 U54 GM075026-03	93.859	108,001
NYSBC CU52221003 SC2	5 U54 GM075026-03	93.859	96,861
YU #Y-05-00-07	5R01 GM026338-28	93.859	88,133
RUTGER 2236 SC9	5 R01 NIGMS	93.859	78,797
UNC-CH 5-50082	5 R37 GM047845-17	93.859	64,955
NYSBC CU52221003	5 U54 GM075026-03	93.859	54,000
RUTGER 2236	5 R01 NIGMS	93.859	24,289
RUTGER CU52070602 SC1	5 R01 NIGMS	93.859	20,475
CALTECH CU522631	1 R01 GM079771-01	93.859	19,627
NYSBC CU52221002	5 U54 GM075026-02	93.859	12,459
RUTGER 2236 SC3	5 R01 NIGMS	93.859	12,342
RUTGER CU52070602 SC5	5 R01 NIGMS	93.859	8,648
RUTGER CU52070602 SC4	5 R01 NIGMS	93.859	6,704
NYSBC CU52221002 SC4	5 U54 GM075026-02	93.859	692
RFU CU52049302	5 P01 GM073047-02	93.859	-19,594

Total Pass-through Programs: Nat. Inst. of General Medical Sciences

**4,731,909**

**Nat. Inst. of Child Health & Human Dvlpt.**

Nat. Inst. of Child Health & Human Dvlpt.

WESTAT CU08-7567		93.000	28,977
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Cooperative Agreements to Improve the Health Status of Minority Populations

RWJMS CU02445803	R01 HD035301-07	93.004	124
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Nat. Inst. of Child Health & Human Dvlpt.

UCB CU52209201	1 R01 HD050470-01	93.864	26,817
USCF CU52303801	U54-HD055764	93.864	14,211
SRFMH CU08-7402		93.864	4,737

Child Health and Human Development Extramural Research

KKINS CU52220003	5 P01 HD035897-21	93.865	235,567
WESTAT CU50792016	N01-HD-3-3345	93.865	164,449
NATAL CU51745501	5 R01 HD043554-01R1	93.865	131,742
BU PO#MC-515929-BAJ	5 R01 HD39611-07A1	93.865	105,958
PU 00001273	2 R01 HD036916	93.865	72,303
SRFMH CU51896802	5 R01 HD046786-02	93.865	46,901
RFMH 903-1428I/MPPS6	5 R37 HD032774-11	93.865	45,595
T005041300019-05X3	5 UO1 HD039939-05	93.865	30,334
DARTC 5-30365.570	5 R01HD45653-03	93.865	26,216
TULANE CU08-4476		93.865	24,821
UCSF CU08-7768		93.865	22,848
SRFMH CU52277701	5 P01 HD035897-21	93.865	21,429
TULANE 546517		93.865	12,838
TULANE CU52123302	5 U01 HD052104-02	93.865	1,504
UMICHG CU52250002	HD050531	93.865	926
USDSM CU51862104	2 U01 HD045935-04	93.865	-3,945
T005041300019-04X2	5 UO1 HD039939-04	93.865	-7,638

Nat. Inst. of Child Health & Human Dvlpt.

SKI CU51741805	5 U01 HD43478-05	93.929	5,685
SKI CU51741805 SC1	5 U01 HD43478-05	93.929	-5,701

Total Pass-through Programs: Nat. Inst. of Child Health & Human Dvlpt.

**1,006,698**

**National Heart, Lung, & Blood Institute**

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<u>Federal Grantor / Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
<b>National Heart, Lung, &amp; Blood Institute</b>			
UNC N01-HC-65233		93.000	6,533
WLS CU80119601	5 R44-HL67584-03	93.000	-737
<b>Oral Diseases and Disorders Research</b>			
CUMINN B6166124504	1 N01 HC25197	93.121	179,654
<b>Heart and Vascular Diseases Research</b>			
5 P01 HL054591-12 COB		93.837	592,756
HL54591-12 PJ3		93.837	397,255
HL54591-12 PJ2		93.837	330,740
HL54591-12 PJ4		93.837	269,559
WASHU WU-06-52	5 R01 HL73645-04	93.837	228,762
RWJMS CU802086	1 R01 HL083056-01A2	93.837	157,969
5 R01 HL067439-0503X	5 R01 HL67439-03	93.837	131,398
WUBGSM CU51700105	5 N01-HC-95178	93.837	81,077
VANDER CU07-1687		93.837	78,056
WASHU WU-07-95	5 P50 HL077113-03	93.837	76,912
ROLE OF EGFL7 IN VASCULAR DEVELOPMENT	5 R01 HL082098-03	93.837	50,456
WASHU WU-08-124		93.837	42,749
NERI CU51870304	5 U01 HL68270-04	93.837	39,272
SUNYRF 1031799-28503	5 R01 HL07163504	93.837	38,126
UMICHG F011688	5 R01 HL076831	93.837	24,148
PHARMACOGENOMICS & ANTIARRHYTHMIC THERAPY	1 R01 HL0885592-01A1	93.837	18,665
UCI CU52207801	1 R01 HL078681	93.837	15,241
ROCHSTR 414137-G		93.837	11,504
UMIAMI 66017R	5 R01 HL072705-06	93.837	5,368
TUSM PVGI.1(VEGF-2)-	5 P01 HL66957-05	93.837	5,072
JH CU52110502	5 R01 HL066075-06	93.837	4,485
HL54591-11A1 PJ2		93.837	3,561
CDUKE	NHLBI 1U01 HL69015-01	93.837	2,467
SCIR CU80117401	1 U01 HL67972-01A1	93.837	1,799
HL54591-11A1 COB		93.837	95
NEMCH CU51602803	5 R01 HL069003-03	93.837	-3,516
UCSD PO10222706-001	5 R01 HL072403-02	93.837	-5,253
<b>Lung Diseases Research</b>			
UPENN 548849		93.838	91,162
UPENN CU52266101	1 R01 HL-081619-01A2	93.838	59,512
WU-05-65	5 R01 HL76488-03	93.838	11,192
NJMRCSS CU08-7792		93.838	5,339
JHU CU51864804	5 R01 HL67905-04	93.838	1,874
<b>Blood Diseases and Resources Research</b>			
UMDNJ FOCUS-01X4	1 R01 HL07395801A1	93.839	19,436
NYAMED CU51892504	5 R01 HL076592-04	93.839	12,516
<b>National Heart, Lung, &amp; Blood Institute</b>			
UMICHG PO#3000378309	1 R01 HL071759	93.937	4,662
Total Pass-through Programs: National Heart, Lung, & Blood Institute			<b>2,989,866</b>
<b>Nat. Inst. of Neurological Disorder &amp; Stroke</b>			
<b>Human Genome Research</b>			
ROCHSTR PO 412649-G	5 R01 HG02449-03	93.172	34,115
<b>Extramural Research Programs in the Neurosciences and Neurological Disorders</b>			

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UMIAMI CU52295901	5 R01 NS0299993-15	93.853	1,169,687
UIO PO#1000544352	5 P01 NS050210-03	93.853	196,689
SLRIHS CU51216909	5 P01 NS31492-14	93.853	193,662
2 R37 NS029993-16		93.853	190,129
MMC CU51725005	5 RO1 NS043209-05	93.853	117,513
SRFMH1005613/1/24118	5 R01 NS22061-22	93.853	99,203
SLRIHS CU07-2003		93.853	96,851
UPITT 112008-3	1 R01NS050256-01A2	93.853	96,811
5 R01 NS048125-04 SUP	5 R01 NS048125-04	93.853	95,850
UCSF CU52090301	1 R01 NS053998-01A1	93.853	92,115
UTSWMC CU80113804 SUP	5 R01 NS45294-04	93.853	78,900
NSLIJRI CU51993803	5 R01 NSO47668-03	93.853	63,323
NYPH CU08-8065		93.853	58,712
UTHSCSA-SPS3-X4	2U01NS038529-04A1	93.853	55,367
UWIS J1949464	5 P01 NS42803-05	93.853	21,831
UIO 4000505964	5 R01 NS40068-04	93.853	19,214
UMDNJ-99-705	3 R01 NS038384-05S1	93.853	15,750
CUWASH WU-06-166-05	5 U01 NS42167-05	93.853	14,454
CUCCM 9021-040-N151-	5 R01 NS039512-05	93.853	13,279
JH 8412-77648-9	5 R01 NS049465-02	93.853	10,615
WARCEF	1U01NS43975-01	93.853	5,746
MSSM SITE#212 #69244	U01 NS45719	93.853	5,345
UKRF 4-68214-05-059	5 R01 NS045087-02	93.853	5,208
UMDNJ CU801875-01	NINDS	93.853	4,027
BIDMC CU80125601-02	5 R01 NS039466-02	93.853	2,850
UTSWMC GMO-600825-01	R01 NS39327	93.853	1,901
MGH CU801584-02	5 P01 NS045242-02	93.853	1,860
UFLRDA UF07058		93.853	1,157
ROCHSTR PO#413754-G	5 R01 NS045686-02	93.853	500
WARCEF SAC	1U01NS43975-01	93.853	373
MMC CU51725004	5 RO1 NS043209-04	93.853	260
YU#PODKP1062488	5 R01 NS32375-10	93.853	3
SLRIHS CU51216907	5 P01 NS31492-11	93.853	-2,426
UMASS CU52220502	5 R01 NS049595-02	93.853	-9,518
Nat. Inst. of Neurological Disorder & Stroke			
GU CU51416607	2 R01 NS38455-07	93.854	49
Total Pass-through Programs: Nat. Inst. of Neurological Disorder & Stroke			<b>2,751,405</b>
<b>Nat. Center for Research Resources</b>			
National Center for Research Resources			
ENERTECH CU5229480	1R44023753-01	93.389	78,938
Total Pass-through Programs: Nat. Center for Research Resources			<b>78,938</b>
<b>Nat. Inst. on Deafness &amp; Other Communication Disorders</b>			
Research Related to Deafness and Communication Disorders			
FHCRC 632826	5 R01 DC04209-07	93.173	206,729
RFU CU00676105	5 R01 DC005181-03	93.173	115,319
FHCRC 650337		93.173	66,612
RFU CU02304601	1 R01 DC006291-01	93.173	17,171
5 R01 DC03159-08		93.173	-6,476
RFU CU02767901		93.173	-19,892
Total Pass-through Programs: Nat. Inst. on Deafness & Other Communication Disorders			<b>379,463</b>
<b>Nat. Inst. of Diabetes &amp; Digestive &amp; Kidney Diseases</b>			

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Nat. Inst. of Diabetes & Digestive & Kidney Diseases			
CMICH 02X1	U01-DK-57577	93.000	13,440
<b>Diabetes, Endocrinology and Metabolism Research</b>			
GWU T2K050605-D22-03	5 U01 DK061230-05	93.847	712,061
GWU 06-M33	5 U01 DK061055-06	93.847	684,224
GWU T2K050605-D22-04	5 U01 DK061230-07	93.847	299,307
USF 6119-1094-00-X-W	5 U01 DK063790-06	93.847	149,251
SLRHC CU51473709	5 P30 DK26687-27	93.847	125,440
UTSWMC-GMO-700731	5 R24 DK071030-02	93.847	107,618
USF 6119-1094-00-X-W NUT	5 U01 DK063790-06	93.847	22,318
SUBAWARD NO 1	5 R01 DK065515-03	93.847	16,701
UCINCM CU52145603	5 R01 DK067555-03	93.847	8,588
SLRHC CU51473708	2 P30 DK26687-27	93.847	403
UOFNC 5-52301	5 R01 DK066368-02	93.847	-196
INFOSCITE 1136-1S1	1 R41 DK72646-01	93.847	-1,951
UOFNC 5-32749	5 R01 DK066368-02	93.847	-2,424
GWU T2K050605-D22-02	5 U01 DK061230-05	93.847	-38,430
<b>Digestive Diseases and Nutrition Research</b>			
SLRHC CU52300301	5 P02 DK26687-27	93.848	126,138
NYU CU51969202	1 R01 DK069373-02	93.848	46,127
CJHPKN PO#2000010317	5 U01 DK067767-05	93.848	14,013
<b>Kidney Diseases, Urology and Hematology Research</b>			
MSSM CU51932104	5 P01 DK056492-09	93.849	92,557
MSSM CU51948604	5 P01 DK056492-08	93.849	80,091
CROPSOLCU02772901	2 R44 DK068962-02A1	93.849	77,419
UFLRDA UF00031-10	5 R01 DK049108	93.849	1,739
MSSM CU51932101	5 P01 DK056492-07	93.849	-271
MSSM CU51932103	5 P01 DK056492-07	93.849	-33,296
<b>Child Health and Human Development Extramural Research</b>			
CHPITT 70011-046016-	5 R01 HD42444-08	93.865	330,839
CHPITT 70011-046016-	2 R01 HD42444-07	93.865	368
<b>Total Pass-through Programs:</b> Nat. Inst. of Diabetes & Digestive & Kidney Diseases			<b>2,832,074</b>
<b>Nat. Inst. of Nursing Research</b>			
<b>Nursing Research</b>			
UCOL CU08-7709		93.361	19,853
<b>Total Pass-through Programs:</b> Nat. Inst. of Nursing Research			<b>19,853</b>
<b>National Library of Medicine</b>			
<b>National Library of Medicine</b>			
UCHICA CU08-7807		93.000	68,726
<b>Medical Library Assistance</b>			
SYRACUS 17111-01247	5 G08 LM008983	93.879	15,883
<b>Total Pass-through Programs:</b> National Library of Medicine			<b>84,609</b>
<b>Nat. Inst. for Complementary &amp; Alternative Med.</b>			
<b>Research and Training in Complementary and Alternative Medicine</b>			
LCCUNY CU52254601	1 R03 AT003933-01	93.213	6,513



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Total Pass-through Programs: Nat. Inst. for Complementary & Alternative Med.			<b>6,513</b>
<b>Nat. Inst. on Alcohol Abuse &amp; Alcoholism</b>			
Alcohol Research Programs			
UWIS #K069452	5 R01 AA013848-03	93.273	72,226
GBNEU0169BJ		93.273	9,887
SRFMH 1003770/23537	2 R01 AA013654-03	93.273	7,963
UOFNC 5-52444	5 P60 AA011605-08	93.273	-113,347
Alcohol Research Center Grants			
A06795 M-08-154		93.891	209,670
YU CU51492206	2 P50 AA12870-06	93.891	1,800
Total Pass-through Programs: Nat. Inst. on Alcohol Abuse & Alcoholism			<b>188,199</b>
<b>National Institute on Drug Abuse</b>			
National Institute on Drug Abuse			
HCZI CU07-1938		93.000	12,917
UWIS CU52271001	1NIAID	93.000	662,523
UWIS CU52271001 URE	1NIAID	93.000	560,029
MSSM 0258-2511-4609-	1 N01 HC25197	93.000	425,877
PPD P0117474	HHSN2660050022C	93.000	396,211
UOFNC CU52201002	5 N01 MH90001	93.000	296,431
NYBC CU52186403	NIH	93.000	265,623
AAHP CU51858905	CDC #200-2002-00732	93.000	223,177
XT-2007-001		93.000	195,202
MCO N 2006-24	1 NCI HHSN26120043300011	93.000	168,192
WESTAT CU801870-02	NINDS	93.000	151,418
MSSM 0258-2511-4609- ADM	1 N01 HC25197	93.000	149,854
UCLA 200SGV810`	HHSN278200441003C	93.000	134,249
AAHP CU51858905	CDC #200-2002-00732	93.000	122,913
SKI CU08-5121		93.000	102,625
CMICH CU80045401	NCI SWOG9921	93.000	95,915
MSSM HHSN27520050341	NICHD-2004-07	93.000	91,712
MMC CU80163202	5 U01 DK63549-02	93.000	89,759
MSSM 0258-2511-46090 ADM	1 N01 HC25197	93.000	85,149
SANINC CU52287501	1 R34 AI06931-01A1	93.000	79,539
MSSM CU52163702	NICHD/HHSN27500503411C	93.000	78,861
SRFMH CU52248601	1 R01 DA017776	93.000	67,697
GRNYAM CU52220403	5 N04 NIDA	93.000	64,072
INDU CU52257201	1 U01 AI069911-01	93.000	51,123
PATIENT SAFETY TRNG - FOR HEALTHCARE & RSCH	AHRQ 290-00-0013	93.000	41,035
SLRIHS CU52215503	5 R01 DA17618-03	93.000	39,748
NIU CU52307201	2 R37NS031146-15A1	93.000	37,211
MSSM 0258-2511-46090 TRA	1 N01 HC25197	93.000	34,616
SKI CU52280801	2 R01 P50 CA92629-06	93.000	33,376
NERI CU801895-02	5 U01 HL68270-02	93.000	32,461
UCSD PO10231784-001	5 N01-HR-36157	93.000	31,451
MSSM 0258-2511-4609- TRA	1 N01 HC25197	93.000	28,851
INDU CU52257202		93.000	28,104
SRFMH CU08-4063	1 NIMH	93.000	27,817
DAWPROD CU52281301	1 R43 HL08826-01	93.000	25,052
NERI CU801863-02 SVR	U01 HL68270-02	93.000	24,936
NERI CU801863-02 ISV	U01 HL68270-02	93.000	24,849
UTMDA 18645/98025671	N01 CN035159-05	93.000	23,038
WESTAT #8079-S15-01	HHSN265200423611C	93.000	22,651
CSCSLC CU802061	1 U01 AI068632-01	93.000	22,200

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UTMDA04-2-02-01	1N01 CN035159	93.000	20,945
NYCLT AAAC3916-01	R39OT07539	93.000	19,232
MHRA 07-CU-01	1 H12 HA07835	93.000	17,465
GWU 06-M33-01	5 U01 DK061055-06	93.000	13,014
COECARE CU801850-01	NIH	93.000	11,632
DBINC CU52303101	SAMSA 270-05-0109	93.000	10,603
UCSF ITN10196-00SC	NIAID N01-A1-15416	93.000	7,771
BENRI AAAB010101X2	5 U01 DK062418-04	93.000	7,635
EMMES CU801808-01	U01 DK061693	93.000	5,962
AAHP CU52247401	1CDC	93.000	4,551
SSS CU5225601	1 U01 AI068632-01	93.000	1,956
CHMCO CU 801685-01X	FD-R-002369	93.000	1,775
CCLSC CU802061	1 U01 AI068632-01	93.000	879
NERI CU801863-02	U01 HL68270-02	93.000	391
UMINN CU52221401		93.000	325
CHMC #103858		93.000	120
SRFMH CU520824	5 R01 DA018652-02	93.000	66
XT-2005-001	1 R01 DHHS 233-02-0089	93.000	-136
UMDNJ CU80155101X1	5 U01 NS043975	93.000	-542
SLRIHS CU52215502	5 R01 DA17618-02	93.000	-694
SRFMH CU52083501	1 P50-DA09236-11	93.000	-1,719
MCO NS 2006-081-01	U01 HL071556	93.000	-3,092
MSSM CU80107202	1 N01 HC25197	93.000	-3,439
SKI CU52272301	2 P01 CA0471179-15A2	93.000	-3,755
UKS QL81140	1 P09 HS04047	93.000	-6,528
NYAMED CU52216401	CSR	93.000	-28,949
<b>Mental Health Research Grants</b>			
MUSC CU07-1662		93.242	257,106
UTSWM CU51410706	5 N01 MH90003-03	93.242	199,020
SRFMH 1005295/18/24	5 P30 MH043520-19	93.242	151,503
UMICHG F015885	5 R24 MH075999-02	93.242	127,103
EMORYU 5-41370-G1		93.242	122,404
SUNYRF 44042		93.242	113,410
BWH CU07-1567		93.242	98,521
KFDNI 115-9360-Y1-Y2	1 R01 MH069819	93.242	97,320
SRFMH 1004649/17/238	5 P30 MH43520-19	93.242	92,615
SRFMH 903-1546C	5 R01 MH60387-06A2	93.242	77,436
MUSC MH069887-01-03	5 R01 MH069887-03	93.242	56,776
SRFMH CU52135703	5 P50 MH066171-03	93.242	53,591
SRFMH CU08-8119		93.242	51,894
RFMH 1006449/24356	5 P50 MH66171-04	93.242	47,601
SRFMH 903-1318Q	5 P30 MH043520-18	93.242	46,092
RFMH CU07-2028		93.242	45,625
SRFMH CU07-1868		93.242	45,566
SRFMH CU08-8115		93.242	36,899
UMARY CU52272101	1 R01 MH058898	93.242	35,818
UCSF CU07-1900 37		93.242	33,048
RFMH1005295/18/24002	5 P30 MH043520-19	93.242	32,391
SRFMH CU08-0100		93.242	32,199
MSSM 0255-9481-4609	5 R01 MH066105-04	93.242	29,875
SRFMH CU52264702	5 P50 MH066171-04	93.242	29,479
UPENN 5-47107-D	1 R01 MH06068-01A1	93.242	26,881
SRFMH CU08-7820		93.242	25,714
UOGNV CU52112802	5 R01 MH074027	93.242	19,179
USC H3667	5 R01 MH067949-04	93.242	19,102
SRFMH 903-1561D	5 R01 MH056123-10	93.242	19,050
SRFMH 1003925/1/2357	5 RO1 MH069133-02	93.242	17,899
YU52258101	1 P30 MH062294-05	93.242	14,945
MSSM 0255-9481-4609		93.242	7,665

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UTSWMC GMO-600607	7 R01 MH68853-04	93.242	6,358
UCSD CU08-4471	5 R01 MH067902-03	93.242	3,577
SRFMH 1004504/1/2376	5 P50 MH066171-04	93.242	3,474
SRFMH 1004341/6/2372	5 R01 MH060884-06	93.242	3,155
INDU CU52061402	5 R01 MH074985-02	93.242	647
RFMH 1004504/1/23767	5 P50 MH66171-03	93.242	-39
MSSM 0255-9481-4609	2 R01 MH066105-02	93.242	-113
RFU CU51734203	5 R01 MH67068-03	93.242	-759
UCSF CU51976902	5 R01 MH072802	93.242	-3,537
MSSM 0255-9481-4609	2 R01 MH066105-03	93.242	-3,965
MSSM CU51959502	5 R34 MH072382-02	93.242	-13,245
<b>Drug Abuse and Addiction Research Programs</b>			
UCSF 2362SC	5 P01 DA10154-12	93.279	294,733
SRFMH CU52281801	1 R01 DA020656-01A1	93.279	244,392
RFMH 903-1545E D	5 U10DA13035-05	93.279	227,149
UMICHG 3000577170	DA021416-01	93.279	151,359
SRFMH CU07-1685		93.279	90,582
SRFMH CU07-1686		93.279	62,800
RFMH 1004389/2/23738	5 R01 DA017820-04	93.279	57,912
SRFMH CU52248501	1 R01 DA020855-01	93.279	57,777
UPITT CU52022304	2 P50 HL074732-04	93.279	38,496
NYAMED CU08-7924		93.279	31,415
1006609-1-24393		93.279	24,648
SRFMH-07-1820		93.279	20,477
UMICHG 3000577170	DA021416-01	93.279	11,073
NYAMED CU08-7922		93.279	4,806
<b>Arthritis, Musculoskeletal and Skin Diseases Research</b>			
UMISS NO. C0008347-	1 R21 AR053530-01	93.846	95,718
Total Pass-through Programs: National Institute on Drug Abuse			<b>8,596,549</b>
<b>Other NIH</b>			
<b>Civil Rights and Privacy Rule Compliance Activities</b>			
MSH CU02772101	1R21AR0528-01	93.001	12,930
<b>Health Disparities in Minority Health</b>			
SDHRF-2007-03		93.100	107,872
<b>Other NIH</b>			
PHI 1011778	1 R01 ES013736-01A1	93.115	51,519
<b>Oral Diseases and Disorders Research</b>			
LABIOMED PO 00001245	5 R01 DE017088-02	93.121	74,059
UFLRDA CU08-8019		93.121	2,677
UFLRDA CU08-8018		93.121	2,668
<b>Human Genome Research</b>			
MBI TT-31386	1 R01 HG003583-01	93.172	22,698
<b>Research Related to Deafness and Communication Disorders</b>			
YU A06679	7 R01 DC0006291-05	93.173	328,587
<b>Discovery and Applied Research for Technological Innovations to Improve Human Health</b>			
TUSM CU08-0194		93.286	227,540

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JH #8705-03019	1 R21 EB004457-01	93.286	-515
National Center for Research Resources			
UTMB 06-026	5 P20 RR020645-2	93.389	-382
Cancer Cause and Prevention Research			
ORRI CU5190180-03	5 R01 CA107442	93.393	107,413
Other NIH			
AECM 9-526-5312	5 R24 DK071030-03	93.471	69,217
AECM 9-526-5312	1 R24 DK071030-01	93.471	2
AECM 9-526-5312	5 R24 DK071030-02	93.471	-9,564
Other NIH			
SLRHC #10069337	NIH CU02375901	93.821	4,000
Heart and Vascular Diseases Research			
VUMC31325-R	2 R01 HL079365	93.837	27,587
NYUMC CU52186103	5 R01 HL079953-03	93.837	26,272
MGH 212606	R01HL076398-04	93.837	2,898
NYUMC CU52186102	1 R01 HL079953-02	93.837	-111
Blood Diseases and Resources Research			
SJCRH PO 7173324-03	5U01HL078787-02	93.839	65,596
Arthritis, Musculoskeletal and Skin Diseases Research			
UPENN 549028		93.846	46,878
MCGILL CU52250102	5 R01 AR053287-02	93.846	20,993
MCGILL CU52250101	1 R01 AR053287-01A1	93.846	5,637
Digestive Diseases and Nutrition Research			
RFMH CU08-7508		93.848	26,772
Kidney Diseases, Urology and Hematology Research			
NYUMC SPA-02-0347	5 R01 DK063183-04	93.849	42,820
SUBCONT. - DORIS HERZLINGER AT WEILL MED COLL.	5 R01 DK045218-14	93.849	33,271
Other NIH			
UNC-CH 5-50819		93.864	5,822
Child Health and Human Development Extramural Research			
CHLA 000222		93.865	11,046
TULANE CU52115902	5 U01 HD052104-02	93.865	19,923
UCSF #4632SC	R25 HD045810	93.865	6,312
TULANE CU52115901	5 U01 HD052104-01	93.865	-57
Vision Research			
SALK PO #611377	1 R01 EY018003	93.867	148,507
Total Pass-through Programs: Other NIH			<b>1,490,887</b>
<b>Total: National Institute of Health</b>			<b>354,103,636</b>
<b>Grand Total: Department of Health &amp; Human Services</b>			<b>368,561,800</b>

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<b>National Science Foundation</b>			
<b>Direct Awards</b>			
<b>National Science Foundation</b>			
National Science Foundation			
OCE-08-13823		47.000	55,409
CHE-0641523 SUP		47.000	3,876
NSF CU52291001		47.000	127,296
NSF 0235463		47.000	101,906
National Science Foundation			
CNS-04-35168		47.040	111,122
CNS-06-27473		47.040	62,612
CNS-06-27473 002		47.040	59,023
CNS-06-27473 001		47.040	52,050
Engineering Grants			
CHE-07-17518		47.041	284,604
EEC-03-28614		47.041	227,320
EF-05-07086 PR		47.041	193,933
DMI-04-57095		47.041	189,415
EF-05-07086 VLL		47.041	187,966
BES-04-28544		47.041	167,067
EF-05-07086 HNT		47.041	160,502
ECCS-06-44656		47.041	142,468
ECS-06-22138		47.041	127,239
EF-05-07086 WND		47.041	115,391
DMR-07-06058		47.041	107,577
PHY-06-13662		47.041	107,086
ECS-06-22069		47.041	107,006
DMI-05-21741		47.041	99,399
DMI-05-00239		47.041	96,449
EF-05-07086 STZ		47.041	90,541
CMS-04-27353		47.041	89,763
ECS-04-25850 A01		47.041	85,079
DMI-03-55432		47.041	83,171
CCF-06-43268		47.041	82,572
ECCS-07-07748		47.041	80,071
ECCS-07-01729		47.041	79,618
CBET-06-51649		47.041	70,817
ECCS-07-47787		47.041	67,560
SES-07-29253		47.041	62,566
ECCS-07-01729 WON		47.041	61,103
CBET-06-44713		47.041	59,401
CMMI-0447652		47.041	54,063
DMI-06-20741		47.041	50,492
ECCS-0707748 SC1		47.041	50,492
ECCS-07-25707 WON		47.041	45,865
DMI-05-28900		47.041	44,741
ECCS-07-25707 BER		47.041	41,045
NSF 0653493		47.041	38,627
CBET-07-35385		47.041	37,742
CMS-04-09521		47.041	37,719
CBET-07-32615		47.041	37,456
DMI-05-21963		47.041	34,508
EEC-04-33633		47.041	26,678
ECCS-06-44656 SPL SPL		47.041	24,750
ECCS-07-47747		47.041	22,595

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CMMI-06-43726		47.041	17,804
CMS-05-10490		47.041	14,158
ECS-04-25850 A02		47.041	10,563
CMS-04-07743		47.041	7,719
CBET-07-56220		47.041	6,318
ECS-04-24312		47.041	6,244
ECS-06-22069 CWW		47.041	6,208
DMI-05-28900 REU		47.041	5,727
CBET-07-32615 SUP		47.041	4,207
IIP-07-30100		47.041	3,537
ECS-05-23386		47.041	2,774
CMS-02-02232		47.041	2,599
CBET-05-53648 REU		47.041	2,139
CBET-07-55946		47.041	1,216
ECS-03-22813		47.041	0
DMI-00-93981		47.041	-89
CMS-00-92739		47.041	-114
CTS-02-39013		47.041	-170
CMS-04-07743 REU		47.041	-439
CMS-01-34226		47.041	-2,499
ECS-05-32762		47.041	-2,880
CMS-04-28716		47.041	-4,734
EEC-05-32014		47.041	-6,266
CBET-05-53648		47.041	-10,049
BES-0321972		47.041	-10,383
CMS-04-08988		47.041	-86,822
<b>National Science Foundation</b>			
BES-02-39138		47.047	73,494
<b>National Science Foundation</b>			
ANT-05-38580		47.048	100,095
<b>Mathematical and Physical Sciences</b>			
PHY-06-12811 PRI		47.049	5,924,550
PHY-06-12811 CN2		47.049	1,998,714
PHY-05-00492 OFF		47.049	1,739,727
PHY-03-01292 PR		47.049	1,097,658
PHY-04-00596 CON		47.049	713,675
PHY-03-01292 CON		47.049	459,503
PHY-06-34758		47.049	444,921
PHY-04-00596		47.049	437,319
PHY-05-00492 PR		47.049	309,816
CHE-05-20660 A01		47.049	305,665
PHY-0705337 SCP		47.049	270,313
PHY-05-00492 CON		47.049	230,682
CHE-01-17752 45		47.049	217,226
AST-05-07161		47.049	216,571
CHE-07-19089		47.049	205,932
DMS-06-06712		47.049	203,283
PHY-0705337		47.049	193,891
SES-06-24256		47.049	187,572
PHY-06-12811 CN1		47.049	184,349
CHE-06-41523 24		47.049	178,018
CHE-07-14606		47.049	162,604
PHY-04-49813		47.049	157,184
DMS-0706924		47.049	150,747
CHE-06-41523 13		47.049	147,032
CHE-06-41523 1 1		47.049	145,766

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CHE-06-41523	20	47.049	144,736
DMR-02-13574	CNY	47.049	140,892
NSF CHE-0533096		47.049	139,579
CHE-06-41523	26	47.049	138,770
DMS-05-30853		47.049	121,283
DMS-06-01774		47.049	119,732
CHE-06-41523	10	47.049	118,296
CHE-07-49537		47.049	117,310
AST-04-49809	CON	47.049	108,194
DMR-05-02706	OFF	47.049	107,115
CHE-06-41523	3	47.049	106,981
DMS-02-39097		47.049	105,559
DMR-03-49232		47.049	104,218
AST-05-47823		47.049	104,099
DMS-07-01279		47.049	103,240
AST-06-06959		47.049	102,996
DMS-0706815		47.049	101,650
DMR-02-13574	BRU	47.049	98,849
CHE-03-50183		47.049	98,846
DMS-04-12305		47.049	98,340
CHE-06-16712		47.049	98,275
DMS-0245371		47.049	97,457
DMR-02-13574	KOB	47.049	97,301
CHE-06-41523	9	47.049	97,142
PHY-0758118	#2	47.049	97,035
DMS-05-32231		47.049	95,398
AST-05-07598		47.049	94,613
DMR-02-13574	OUT	47.049	93,921
CHE-06-13401		47.049	93,553
CHE-06-41523	2	47.049	93,343
ECS-05-07111	PR	47.049	92,911
CHE-06-41523	18	47.049	90,319
DMR-02-13574	NUC	47.049	87,459
CHE-06-41523	27	47.049	87,086
DMR-06-50555		47.049	86,293
PHY-04-00596	OFF	47.049	81,833
DMR-03-52738	AP	47.049	81,714
CHE-06-41523	8	47.049	81,680
DMR-02-13574	KMR	47.049	80,025
DMR-03-52738	PD	47.049	80,024
DMR-05-02706	PR	47.049	78,858
DMR-04-05145		47.049	77,548
DMS-07-14669		47.049	76,176
CHE-06-41523	25	47.049	76,080
DMR-02-13574	HER	47.049	75,606
DMR-0705847		47.049	75,282
DMS-05-54442		47.049	73,101
AST-07-33966		47.049	71,516
CHE-06-41523	4	47.049	71,229
PHY-0758118	#1	47.049	71,004
DMS-0605115		47.049	69,452
DMS-04-10234	PR	47.049	69,287
CHE-06-41523	7	47.049	69,094
CHE-07-44322		47.049	69,018
DMR-02-13574	KIM	47.049	69,009
CHE-06-41523	23	47.049	68,982
CHE-06-41523	28	47.049	67,906
NSF DMS-0134431		47.049	67,741
DMS-07-00322		47.049	66,404
CHE-06-41523	11	47.049	66,063

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DMS-0354639		47.049	66,046
DMR-04-31350		47.049	65,871
CHE-06-41523	21	47.049	65,602
DMR-02-13574	BBR	47.049	64,512
CHE-06-41523	PR	47.049	63,818
AST-06-06960		47.049	62,986
AST-05-07376		47.049	62,824
CHE-06-40407		47.049	62,576
ECS-05-07111	BRU	47.049	61,405
DMS-06-52554		47.049	61,090
DMS-05-05811		47.049	61,075
AST-06-07643		47.049	60,815
PHY-04-57528		47.049	59,572
DMR-02-13574	MLS	47.049	59,469
DMR-02-13574	RET	47.049	58,750
PHY-04-57528	CON	47.049	58,145
CHE-06-41523	5	47.049	58,105
DMR-03-48938		47.049	57,200
DMS-06-00425		47.049	56,671
AST-05-07545		47.049	56,332
DMS-0504871		47.049	55,823
DMR-07-05814		47.049	54,987
CHE-01-17752	40	47.049	54,256
CCF-05-28402		47.049	54,206
CHE-06-41523	16	47.049	53,063
ECS-05-07111	HNE	47.049	52,710
DMS-0701045		47.049	50,006
PHY-07-54124		47.049	49,750
DMR-02-13574	FAC	47.049	49,461
CHE-01-17752	24	47.049	48,514
CHE-06-41523	6	47.049	48,448
CHE-06-41523	12	47.049	48,358
ECS-05-07111	SUB	47.049	46,437
DMR-02-13574	CHA	47.049	44,837
CHE-01-17752	25	47.049	44,751
PHY-05-25975		47.049	44,740
DMS-04-56298		47.049	44,634
PHY-0758118	#3	47.049	44,543
CHE-01-17752	22	47.049	43,793
ARC-06-12455		47.049	43,225
DMS-07-43459		47.049	40,324
AST-05-07687		47.049	39,885
AST-04-49809	PR	47.049	39,516
DMS-05-01023		47.049	39,313
DMR-03-52738	HS	47.049	38,774
CHE-07-01483		47.049	38,588
PHY-06-12811	OFF	47.049	36,255
DMS-05-05949		47.049	35,714
CHE-07-54919		47.049	35,450
DMR-02-13574	TUR	47.049	35,420
DMS-02-01691		47.049	34,065
PHY-06-53541	OFF	47.049	34,018
NSF DMS-0505201		47.049	33,877
AST-06-06960	A	47.049	32,474
DMS-06-08727	SAL	47.049	31,921
AST-07-34864		47.049	30,795
PHY-05-25975	MC	47.049	30,499
CHE-06-41523	19	47.049	29,954
CHE-0809659		47.049	29,856
DMR-07-32619		47.049	29,833

The accompanying footnotes are an integral part of the Supplemental Schedule of Expenditures of Federal Awards



**The Trustees of Columbia University in the City of New York**  
**Supplemental Schedule of Expenditures of Federal Awards**  
**For year ended June 30, 2008**

<u>Federal Grantor / Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
DMR-02-13574	REU	47.049	29,731
DMS-07-00419		47.049	28,703
DMS-04-10234	KOV	47.049	28,261
DMS-06-04643		47.049	26,965
NSF DMS-0504972		47.049	26,514
DMS-0701037		47.049	24,902
DMR-02-13574	ADM	47.049	22,773
AST-04-49809	REV	47.049	21,646
DMS-03-54436		47.049	21,575
CHE-01-17752	A36	47.049	18,815
CHE-01-17752	5	47.049	18,645
PHY-04-52277		47.049	18,452
DMR-02-13574	DS1	47.049	17,906
DMS-04-01126		47.049	17,875
DMR-02-13574	BAL	47.049	17,727
DMS-02-44583		47.049	17,279
DMR-07-05435		47.049	17,221
DMS-06-04657		47.049	16,988
DMR-07-04054		47.049	14,596
ECS-05-07111	OBR	47.049	14,389
CHE-07-49674		47.049	14,244
DMR-02-39724		47.049	14,134
CHE-04-15516		47.049	13,847
DMS-06-08727		47.049	13,629
DMR-02-13574	HEI	47.049	13,443
DMR-02-13574	RHM	47.049	13,107
CHE-06-41523	14	47.049	12,990
CHE-01-17752	18	47.049	11,495
ECS-05-07111	KIM	47.049	11,206
DMR-02-14363	A02	47.049	10,734
CHE-01-17752	15B	47.049	10,676
PHY-07-57982		47.049	9,486
DMS-04-01128		47.049	9,111
CHE-01-17752	43	47.049	7,893
CHE-05-20660		47.049	7,337
PHY-04-57528	SUP	47.049	7,250
DMR-02-13574	UMR	47.049	6,904
PHY-06-53541		47.049	6,016
DMS-07-07850		47.049	5,845
PHY-04-49813	REU	47.049	5,815
DMS-07-32169		47.049	5,674
DMS-08-12513		47.049	5,453
AST-04-06813		47.049	5,279
CHE-06-41523	22	47.049	5,238
DMR-02-13574		47.049	5,133
DMS-04-05519		47.049	5,115
PHY-07-42377		47.049	5,000
CHE-06-41523	15	47.049	4,869
NSF CU08-8084		47.049	4,804
DMS-05-54097		47.049	4,757
CHE-03-52582		47.049	4,567
ARC-06-12609		47.049	4,549
DMS-03-54582		47.049	4,428
DMS-07-07850	SCP	47.049	4,158
DMS-06-32203		47.049	3,655
DMR-08-04647		47.049	3,388
DMR-07-32619	REU	47.049	3,250
DMR-02-14363		47.049	2,570
DMR-02-39724	REU	47.049	2,462
CHE-01-17752	17	47.049	2,393

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**The Trustees of Columbia University in the City of New York**  
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<u>Federal Grantor / Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
PHY-03-01292	OFF	47.049	2,392
CHE-01-17752	13	47.049	2,305
AST-04-49809	REU	47.049	1,818
DMS-05-05021		47.049	1,504
PHY-0758118	CON	47.049	1,349
DMS-04-01131		47.049	1,252
DMS-04-12305	REU	47.049	621
DMS-06-02555		47.049	618
DMS-04-18457		47.049	335
DMR-04-05145	OFF	47.049	248
DMR-02-13574	DIS	47.049	243
CHE-06-19638		47.049	232
CHE-01-17752	8	47.049	75
CHE-01-17752	21	47.049	50
DMR-02-13574	RT2	47.049	41
DMR-02-13574	LEV	47.049	22
DMR-07-22390		47.049	-1
CHE-01-17752	23	47.049	-2
CHE-01-17752	12	47.049	-159
AST-03-07291		47.049	-567
PHY-01-34007		47.049	-2,216
CHE-04-53853		47.049	-8,844
CHE-04-00417		47.049	-37,115
CHE-04-51385		47.049	-147,460
Geosciences			
OCE-07-26710	OFF	47.050	943,639
SBE-02-45014	A	47.050	921,943
OCE-05-51596		47.050	879,074
OCE-02-23951		47.050	878,780
OCE-04-07354	01	47.050	690,432
OCE-04-02348		47.050	538,707
OCE-05-51926	OFF	47.050	530,255
ATM-04-02474	EC1	47.050	395,732
EAR-06-07687		47.050	332,886
OCE-0623861		47.050	310,608
OCE-05-26942		47.050	305,914
ATM-03-23516		47.050	302,163
ATM-04-02474	RD4	47.050	301,966
OCE-06-24599		47.050	230,715
OCE-05-52123		47.050	229,849
OCE-04-53958	PR	47.050	225,323
OCE-07-26710	PR	47.050	214,097
OCE-05-51926	PRI	47.050	202,373
OCE-08-23714		47.050	199,243
ATM-05-01878		47.050	185,046
OCE-07-26068		47.050	183,509
OCE-04-35703		47.050	183,202
OCE-06-23609		47.050	179,180
OCE-02-19782		47.050	152,468
EAR-06-09108		47.050	150,853
OCE-06-47574		47.050	150,648
ATM-06-20066		47.050	147,446
EAR-06-36037		47.050	144,913
OCE-03-27872		47.050	141,617
EAR-05-45777		47.050	139,574
EAR-04-08543		47.050	138,323
OCE-06-14645		47.050	135,804
OCE-05-50725		47.050	135,305
OCE-05-50900		47.050	134,403

**The Trustees of Columbia University in the City of New York**  
**Supplemental Schedule of Expenditures of Federal Awards**  
**For year ended June 30, 2008**

<u>Federal Grantor / Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
OCE-06-47667		47.050	134,186
OCE-06-23629		47.050	129,254
ATM-04-02474	GJ2	47.050	128,736
OCE-06-14645	#2	47.050	126,250
OCE-07-25935		47.050	122,899
ATM-04-02474	BB5	47.050	118,030
EAR-06-17557		47.050	116,902
OCE-05-26884		47.050	115,644
OCE-05-26677		47.050	115,313
OCE-05-20391		47.050	113,712
OCE-05-51288		47.050	109,370
OCE-07-24561		47.050	109,188
ATM-04-02474	BB6	47.050	108,608
ATM-04-37952		47.050	108,210
EAR-04-39897		47.050	103,336
OCE-06-24401		47.050	100,404
OCE-03-26354		47.050	99,945
EAR-06-39963		47.050	99,807
OCE-06-49024		47.050	95,476
EAR-04-53212		47.050	94,772
EAR-04-09287		47.050	93,456
OCE-07-52402		47.050	93,396
ATM-05-43256		47.050	92,775
OCE-05-48812		47.050	90,958
OCE-06-24599	P01	47.050	90,811
EAR-06-31337		47.050	87,481
GEO-06-08057		47.050	87,405
OCE-06-47840		47.050	86,803
NSF CU08-0206		47.050	86,372
OCE-99-11637		47.050	85,090
OCE-06-23366	A	47.050	84,702
OCE-06-14645	OFF	47.050	84,294
OCE-02-21333		47.050	83,767
OCE-03-26969		47.050	81,215
OCE-04-25361		47.050	78,923
OCE-06-23107		47.050	78,518
OCE-06-23584		47.050	77,665
OCE-07-51927		47.050	75,360
OCE-03-52259		47.050	73,851
ARC-06-37107		47.050	73,831
ATM-05-42736		47.050	71,054
EAR-05-22195		47.050	70,537
OCE-06-49638		47.050	68,927
ATM-04-17909		47.050	68,927
OCE-03-50497		47.050	67,701
OCE-03-27283		47.050	66,965
ATM-04-02474	GJ3	47.050	65,245
OCE-03-28119		47.050	60,817
EAR-04-54514		47.050	60,261
ATM-04-02474	EC7	47.050	59,649
EAR-03-45835		47.050	58,334
ATM-04-02474	WW8	47.050	57,576
OCE-06-46696		47.050	55,419
OCE-06-48275	SC	47.050	54,426
OCE-02-23951	SC1	47.050	53,844
OCE-05-51926	ON	47.050	53,176
EAR-07-20086		47.050	52,659
OCE 06-15120		47.050	52,576
EAR-06-10138		47.050	52,550
OCE-04-25395		47.050	51,423

**The Trustees of Columbia University in the City of New York**  
**Supplemental Schedule of Expenditures of Federal Awards**  
**For year ended June 30, 2008**

<u>Federal Grantor / Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
OCE-07-27229	162	47.050	48,943
OCE-06-49638	CIE	47.050	47,727
OCE-04-52305		47.050	47,540
ATM-04-02474	WW9	47.050	46,458
EAR-05-49055		47.050	45,210
OCE-03-17941		47.050	44,520
EAR-04-08971		47.050	44,505
OCE-06-23621		47.050	44,078
EAR-05-10641		47.050	43,821
ATM-05-43256	APM	47.050	43,459
OCE-02-38564		47.050	40,768
EAR-06-35898		47.050	39,401
OCE-06-23366	PRI	47.050	38,059
CTS-06-22862		47.050	37,929
ATM-06-52518		47.050	37,652
OCE-04-53515		47.050	37,573
OCE-07-26288		47.050	37,470
ATM-05-01241		47.050	36,713
OCE-06-49538		47.050	36,421
OCE-07-27428		47.050	36,061
OCE-06-32134		47.050	35,945
OCE-02-41964		47.050	35,357
OCE-07-28766		47.050	33,663
BCS-0624167		47.050	33,193
OCE-07-26575		47.050	33,134
OCE-07-27696		47.050	32,877
EAR-99-10554		47.050	32,537
EAR-03-45688		47.050	32,018
OCE-07-51764		47.050	31,969
EAR-04-36411		47.050	31,380
OCE-07-52649		47.050	31,059
OCE-04-26575	PR	47.050	30,812
OCE-02-20345		47.050	30,602
OCE-06-01883		47.050	29,141
OCE-06-11521		47.050	27,972
DEB-04-35178		47.050	27,587
EAR-07-38707		47.050	26,952
OCE-04-25404		47.050	26,812
OCE-06-48303		47.050	26,748
OCE-04-25130		47.050	25,634
ATM-07-39024		47.050	25,467
OCE-06-24599	P02	47.050	25,078
OCE-05-48877		47.050	24,408
OCE-07-27229	670	47.050	23,663
EAR-06-08739		47.050	23,547
EAR-03-37226		47.050	22,236
ATM-05-42736	SUP	47.050	21,985
SES-06-17574		47.050	21,816
EAR-07-41661		47.050	20,820
EAR-07-38629		47.050	20,566
EAR-07-15360		47.050	20,397
OCE-05-33226		47.050	18,532
EAR-05-22195	C	47.050	18,508
OCE-06-23611		47.050	17,094
OCE-02-22752	A01	47.050	17,024
EAR-03-09832		47.050	16,871
EAR-08-14237		47.050	16,795
EAR-07-10842		47.050	16,777
OCE-05-50730		47.050	16,366
ATM-07-39256		47.050	16,303

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**The Trustees of Columbia University in the City of New York**  
**Supplemental Schedule of Expenditures of Federal Awards**  
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<u>Federal Grantor / Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
ARC-04-54894		47.050	16,220
ATM-06-52518	SS	47.050	15,029
EAR-06-30124		47.050	13,487
OCE-07-32569		47.050	13,376
OCE-04-02478		47.050	10,934
OCE-04-53958	CSN	47.050	10,159
OCE-02-22752	CIESIN	47.050	9,933
OCE-03-28117	ED	47.050	9,646
OISE-04-35701		47.050	9,527
EAR-07-45965		47.050	9,459
EAR-07-53496		47.050	9,435
EAR-06-09585		47.050	9,068
EAR-07-43964		47.050	8,602
OCE-03-28117	PR	47.050	8,580
OCE-08-11176	PAR	47.050	7,000
OCE-05-26522		47.050	6,439
OCE-06-48275		47.050	6,396
OCE-03-27363	PLT	47.050	5,822
OCE-0839061		47.050	5,802
OCE-05-17854		47.050	5,570
EAR-04-53747		47.050	4,898
OCE-03-19149		47.050	4,836
EAR-05-50087		47.050	4,748
OCE-02-41230		47.050	4,599
OCE-03-36808		47.050	4,356
OCE-06-48275	EQU	47.050	4,101
OCE-04-25411		47.050	4,006
EAR-07-39010		47.050	3,523
OCE-07-26093		47.050	2,836
ATM-04-50265		47.050	2,402
OCE-02-44136		47.050	1,921
OCE-07-27013		47.050	1,819
OCE-07-38437		47.050	1,359
EAR-08-14235		47.050	1,102
OCE-03-27779		47.050	953
OCE-0751967		47.050	855
OCE-03-27363	OFF	47.050	712
OCE-05-25973		47.050	585
OCE-03-27363		47.050	505
OCE-07-42368		47.050	467
EAR-07-45797		47.050	458
ATM-03-54589	A	47.050	448
OCE-02-41230	CON	47.050	184
EAR-08-14236		47.050	169
ATM-03-54589	PR	47.050	163
OCE-03-27363	DC	47.050	160
OCE-02-42675		47.050	92
OCE-03-28217		47.050	-14
ATM-03-47009		47.050	-221
OCE-05-20378		47.050	-296
OCE-06-28583		47.050	-330
OCE-06-28583	EQU	47.050	-383
ATM-02-33651		47.050	-1,113
ATM-04-34221		47.050	-1,244
SES-05-25130		47.050	-1,301
OCE 06-15120	07	47.050	-3,235
OCE-00-83120		47.050	-3,868
SHAKEDOWN	07	47.050	-4,530
ATM-03-17562		47.050	-4,783
OCE-02-41668		47.050	-5,435

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**The Trustees of Columbia University in the City of New York**  
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<u>Federal Grantor / Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
OCE-03-05614		47.050	-5,549
ATM-04-32514	A01	47.050	-15,176
MAMMAL	07	47.050	-38,773
OCE-03-50504		47.050	-56,906
MARSCICO	07	47.050	-543,050
Computer and Information Science and Engineering			
IIS-0324845		47.070	634,925
IIS-03-25867	A01	47.070	305,220
IIS-03-47499		47.070	178,771
ANI-02-38299		47.070	155,334
CCF-03-52334		47.070	143,448
IIS-04-12759		47.070	143,063
CNS-04-26623	A01	47.070	139,605
CNS-04-54288		47.070	134,885
EIA-02-02063		47.070	129,740
CNS-03-25495	A1	47.070	125,145
IIS-05-34389		47.070	123,924
CCF-04-29211	PRI	47.070	123,603
CCF-07-28736		47.070	121,403
CCF-05-41259		47.070	119,418
CCF-0523317		47.070	112,997
CCF-05-41093		47.070	108,150
CCF-03-47282		47.070	107,450
CNS-07-14647		47.070	104,716
IIS-03-25867	A03	47.070	101,216
CNS-06-27590		47.070	96,989
IIS-07-13064		47.070	95,004
IIS-07-13334		47.070	90,467
CNS-06-15126		47.070	90,444
CCF-07-01766		47.070	89,056
IIS-05-34871		47.070	88,269
IIS-02-38301		47.070	88,224
CNS-06-44202		47.070	86,697
CCF-05-23664		47.070	86,293
CNS-04-26623	A02	47.070	85,747
NSF CU52238902		47.070	80,165
CNS-06-14770		47.070	79,040
IIS-03-25867	A02	47.070	78,922
CCF-03-47839		47.070	78,836
CNS-03-25495		47.070	77,351
IIS-05-34568		47.070	76,896
IIS-04-30258	A1	47.070	71,428
CNS-01-33829		47.070	65,118
CNS-06-14799		47.070	63,939
CCF-05-41278		47.070	63,494
IIS-05-35168		47.070	63,205
CNS-04-26623	A05	47.070	62,938
IIS-07-13548		47.070	62,087
CNS-07-16203		47.070	60,530
ANT-06-32282		47.070	54,795
CNS-07-16203	ELL	47.070	54,249
CCF-04-46916		47.070	53,164
CNS-07-17544	NIE	47.070	52,965
CCF-04-27464		47.070	47,996
CNS-07-14277		47.070	46,788
CCF-06-35252		47.070	45,555
CNS-04-26623	A03	47.070	42,488
CCF-05-23771		47.070	36,487
CCF-07-01775		47.070	33,057

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<u>Federal Grantor / Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
NSF CFF-0726586		47.070	32,220
IIS-07-45369		47.070	32,154
CTS-06-22849		47.070	31,108
CNS-05-51538		47.070	30,206
CNS-07-16245		47.070	29,341
IIS-04-30258		47.070	25,571
IIS-03-07905		47.070	23,370
CNS-0751089		47.070	21,851
CNS-04-11047		47.070	17,347
CCF-04-29211	OFF	47.070	14,342
CNS-04-12025		47.070	13,441
IIS-07-07305		47.070	11,659
CNS-05-19663		47.070	8,618
CNS-07-08183		47.070	5,704
IIS-01-21239	A01	47.070	5,630
CCR-00-86036		47.070	5,419
CNS-07-17544	KAI	47.070	5,228
CNS-07-16245	SER	47.070	3,697
CCF-05-08319		47.070	3,599
CCF-07-28733		47.070	2,735
CNS-07-51078		47.070	2,333
CNS-06-27530		47.070	1,285
EIA-03-12706		47.070	652
CCR-02-09109		47.070	-23
CCR-02-07550		47.070	-3,444
CCF-03-05322		47.070	-4,030
CNS-04-26623	A04	47.070	-9,713
<b>Biological Sciences</b>			
NSF /2004		47.074	287,734
MCB-0544638		47.074	194,168
MCB-06-44262		47.074	182,110
DBI-06-50020		47.074	174,225
MCB-0416708		47.074	152,679
IOS-05-54514	PRI	47.074	123,666
DEB-06-14339		47.074	102,545
NSF CU52116901A1		47.074	74,228
EF-07-32664		47.074	64,327
DEB-0618186		47.074	49,055
IOS-06-39161		47.074	42,902
EF-07-09606		47.074	30,965
IOS-0744814		47.074	18,674
IOS-06-41912		47.074	10,158
DEB-04-47056		47.074	7,718
IOS-05-54514	REU	47.074	4,751
MCB-07-49381		47.074	3,757
DEB-05-32075		47.074	2,346
MCB-04-24043		47.074	-2,982
MCB-04-23475		47.074	-83,940
<b>Social, Behavioral, and Economic Sciences</b>			
SES-03-45840		47.075	497,917
SES-03-45840	EIS	47.075	450,444
BCS-05-27578		47.075	246,207
SES-05-32398		47.075	234,483
SES-03-52062		47.075	179,919
BCS-06-16654		47.075	136,877
SBE-02-45014	SPH	47.075	116,501
SBE-02-45014	PC	47.075	112,120

**The Trustees of Columbia University in the City of New York**  
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<u>Federal Grantor / Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
BCS-06-31637		47.075	111,811
SES-05-51089		47.075	98,025
SES-07-20251	PRI	47.075	92,924
SES-07-19823		47.075	90,698
SES-06-37151		47.075	85,229
SBE-02-45014	APS	47.075	56,031
SES-04-53017		47.075	54,329
SES-05-51511		47.075	54,004
BCS-05-54747	PR	47.075	51,740
BCS-04-15583		47.075	49,701
SES-03-45840	KTZ	47.075	48,320
SES-06-48138		47.075	45,527
SES-07-21053		47.075	44,812
SES-08-11966		47.075	43,768
SES-04-51588		47.075	40,577
SES-06-48320		47.075	39,521
SES-03-45840	ONE	47.075	39,310
SES-06-16802	DCS	47.075	37,164
SES-07-50789		47.075	35,027
SES-06-17556		47.075	32,657
SES-05-32400		47.075	31,928
SES-06-16802		47.075	31,821
SES-06-17829		47.075	30,695
BCS-05-54747	OFF	47.075	27,271
SES-07-20452		47.075	24,837
OISE-04-56406		47.075	22,238
SES-07-20251	SC1	47.075	18,885
BCS-07-49062	A	47.075	16,709
SES-05-51333		47.075	16,491
BCS-07-49062 B	B	47.075	14,629
SBE-02-45014	PR	47.075	14,297
BCS-06-12962		47.075	11,764
SES-06-06606		47.075	10,515
SES-07-47733		47.075	10,256
SES-06-17774		47.075	8,628
SES-0720932		47.075	8,537
OISE-00-03802		47.075	5,768
SES-06-15547		47.075	5,450
NSF SES-0617259		47.075	5,439
SES-07-26035		47.075	3,314
SES-07-21068		47.075	3,149
NSF SES-0503235		47.075	1,026
NSF 0724329		47.075	843
INT-02-33570		47.075	-424
SES-05-51849		47.075	-16,641
<b>Education and Human Resources</b>			
DGE-07-07425		47.076	1,554,461
DGE-03-38329		47.076	411,666
ESI-03-53402		47.076	314,631
DUE-0227888		47.076	213,554
EEC-04-31946		47.076	135,847
REC-04-11823		47.076	94,427
DRL-07-22268	PR	47.076	41,084
DGE-0742450		47.076	24,219
DUE-06-32232		47.076	12,881
DRL-07-22268	PAR	47.076	9,571
REC-04-11823	PAR	47.076	2,929



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<u>Federal Grantor / Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
<b>Polar Programs</b>			
ANT-06-19457 EQU		47.078	675,600
ANT-06-19457		47.078	426,212
ANT-04-40655		47.078	289,933
ANT-05-38148		47.078	239,499
OPP-03-38248		47.078	157,535
ANT-04-40775		47.078	153,312
ARC-06-33878 ENG		47.078	145,271
ARC-06-12427		47.078	142,541
ANT-04-40823		47.078	122,227
ARC-05-20496		47.078	97,632
OPP-02-30284		47.078	88,975
ANT-06-36915		47.078	87,631
ANT-06-36879		47.078	71,710
ARC-03-53646		47.078	69,996
ANT-04-40825		47.078	67,262
ARC-06-33878		47.078	63,227
ANT-07-41510		47.078	55,298
ANT-03-38278		47.078	43,494
ANT-05-42293		47.078	40,711
ANT-02-30268		47.078	33,206
ARC-04-25686		47.078	32,823
ANT-05-40944		47.078	32,107
ARC-04-24931		47.078	30,503
ARC-02-30238 PR		47.078	23,839
ARC-04-54726		47.078	23,562
ARC-07-23343		47.078	23,191
ANT-06-32292		47.078	21,515
OPP-03-52642		47.078	20,903
ANT-06-36584		47.078	20,761
ARC-07-13970		47.078	13,520
ANT-07-32651		47.078	12,456
ANT-0739330		47.078	11,180
ANT-05-37752		47.078	6,052
ARC-08-06509		47.078	3,726
ANT-06-36898		47.078	2,524
ANT-04-40827		47.078	2,341
ANT-03-38281		47.078	-48
OPP-03-38244		47.078	-1,233
<b>International Science and Engineering</b>			
DMS-05-04957		47.079	119,246
OISE-06-34596		47.079	27,704
OISE-05-34919		47.079	8,369
<b>National Science Foundation</b>			
ANT-07-32656		47.978	227,235
Total Direct Award Programs: National Science Foundation			<b>64,390,020</b>
<b>Pass-through Awards</b>			
<b>National Science Foundation</b>			
National Science Foundation			
HILCON 810553		47.000	130,153
HILLCON CH 08-7742		47.000	22,900
WHOI C113743		47.000	19,454
UCB NO.378A A1	IIS-01-21396	47.000	-5,593
UCB NO.378A	IIS-01-21396	47.000	-55,129

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<u>Federal Grantor /Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
<b>Engineering Grants</b>			
NWU 0830350N8251357	CMS-04-04291	47.041	145,275
RPI A11739	CTS-06-08978	47.041	115,235
CMS-01-34333		47.041	88,945
JH 2000101642		47.041	57,711
JH 2000010426		47.041	46,734
CMU 1120484-180228	CCF-03-25344	47.041	43,992
MSU 61-2525CU		47.041	13,874
HARVARD #5007070-00	ECS-02-10426	47.041	10,322
<b>Mathematical and Physical Sciences</b>			
JOI J070015		47.049	24,998
UIL 2005-04253-01		47.049	227,759
UMARY Z477901		47.049	221,400
UCHICA 30193-B CON	AST-05-06648	47.049	120,573
NYU F6373-01	DMS-06-02235	47.049	104,262
UCHICA 35535-A A	PHY-07-07282	47.049	99,340
UCHICA 32572-A		47.049	55,990
UCHICA 30193-B PR	AST-05-06648	47.049	29,276
NBER CU08-7851		47.049	22,757
NBER CU08-07453		47.049	16,491
CU 41285-8355	PHY-02-02078	47.049	10,812
UCHICA 35535-A	PHY-07-07282	47.049	8,014
UWIS #647F216 OFF	PHY-06-21704	47.049	1,884
<b>Geosciences</b>			
JOI T.O.#T308A34	NSF CU026660101	47.050	10,950
UCAR S07-61477	ATM-03-01213	47.050	676,154
JSC 4-03 013	OCE-03-52500	47.050	357,249
JSC 4-03 023	OCE-03-52500	47.050	285,985
CBET-06-39274	NSF CU02684701	47.050	266,131
JSC 4-03 018	OCE-03-52500	47.050	266,121
JSC 4-03 017	OCE-03-52500	47.050	253,040
JSC 4-03 020	OCE-03-52500	47.050	246,473
JSC 4-03 024	OCE-03-52500	47.050	229,563
JSC 5-03 PR	OCE-03-52500	47.050	177,670
JSC 4-03 019	OCE-03-52500	47.050	157,267
JSC 4-03 005	OCE-03-52500	47.050	138,276
JSC 4-03 004	OCE-03-52500	47.050	136,030
JSC 4-03 025	OCE-03-52500	47.050	128,412
JSC 5-03 DS	OCE-03-52500	47.050	122,405
WHOI #A100324	OCE-02-41354	47.050	117,425
JSC 4-03 007	OCE-03-52500	47.050	106,936
JSC 5-03 CMN	OCE-03-52500	47.050	98,906
JSC 5-03 SD	OCE-03-52500	47.050	97,907
JSC 4-03 001	OCE-03-52500	47.050	93,007
JSC 4-03 016	OCE-03-52500	47.050	91,403
UCSD PO 10222002	OCE-02-23864	47.050	79,424
JSC 4-03 022	OCE-03-52500	47.050	68,737
IRIS 11-DMS	EAR-05-52316	47.050	64,561
ODL CU02731901	OCE-03-52500	47.050	57,232
JSC 2-94 L	OCE-93-08410	47.050	54,305
JSC 4-03 SLS	OCE-03-52500	47.050	49,462
JSC 4-03 002	OCE-03-52500	47.050	49,104
JSC 5-03 TS	OCE-03-52500	47.050	47,482
JSC 4-03 003	OCE-03-52500	47.050	43,885
USC PO# 119511	EAR-05-29922	47.050	41,312
USC PO# 119511 PC	EAR-05-29922	47.050	38,674

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<u>Federal Grantor /Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
JSC 4-03 008	OCE-03-52500	47.050	33,913
UNH 08-057 SCP		47.050	33,276
WHOI E110428	NSF	47.050	31,192
JSC 4-03 014	OCE-03-52500	47.050	27,569
JSC 4-03 009	OCE-03-52500	47.050	25,651
JSC 4-03 012	OCE-03-52500	47.050	22,909
JOI T307A34	NSF	47.050	16,512
JSC 4-03 026	OCE-03-52500	47.050	16,158
IRIS 06-GSN	NSF-EAR-0552316	47.050	15,612
JOI T306A34	NSF CU02628701	47.050	15,104
JSC 4-03 015	OCE-03-52500	47.050	13,847
WHOI C112950	NSF	47.050	12,063
JSC 4-03 006	OCE-03-52500	47.050	11,120
WHOI A100597		47.050	11,095
JSC 5-03 PS	OCE-03-52500	47.050	9,536
JSC 4-03 011	OCE-03-52500	47.050	9,269
UNH 07-1011	EEC-01-19825	47.050	8,218
MBARI PO#0611610	OCE-06-07273	47.050	7,211
JSC 4-03 010	OCE-03-52500	47.050	2,487
TAMRF H000360		47.050	1,536
TAMRF PO#H000338		47.050	850
WHOI E109900		47.050	302
JSC 4-03 021	OCE-03-52500	47.050	-2,258
JSC 2-94 K	OCE-93-08410	47.050	-2,563
JSC 4-03 STS	OCE-03-52500	47.050	-3,958
JSC 4-03 SDM	OCE-03-52500	47.050	-6,632
HARVARD 256065-50082		47.050	-10,034
UTEXAUS #UTA04-404	EAR-04-13265	47.050	-24,000
<b>Computer and Information Science and Engineering</b>			
IIS-03-25399 A02	DHS CU02362503	47.070	223,819
PU #00000811	CCR-03-25463	47.070	127,661
IIS-03-25399 A01	DHS CU02362503	47.070	73,945
UPENN #5-43299-A	IIS-04-14409	47.070	1,878
<b>Biological Sciences</b>			
IES #2957/200200731	DEB-05-16066	47.074	20,123
<b>Social, Behavioral, and Economic Sciences</b>			
NBER2733990007971777		47.075	91,891
UMIAMI CU02389901	NSF CU023899	47.075	35,116
SMTSON 03SUBC4400000	BCS-02-18511	47.075	28,316
UCSD PO#10271716		47.075	8,774
UPENN 539422-A	SES-02-14410	47.075	-25,171
<b>Education and Human Resources</b>			
BARNARD CU027638-01	NSF	47.076	139,485
BARNARD CU02678201	DUE-05-11524	47.076	40,548
PURDUNIV #501-130301	DUE-02-31361	47.076	32,907
USMEDIACU02812401	NSF	47.076	23,286
AEA CU02804101	HRD-03-17755	47.076	11,204
AERA CU02701601		47.076	9,666
AERA CU02701701	REC-03-10268	47.076	5,466
<b>Polar Programs</b>			
WMVIMS #518603/1247	OPP-02-18282	47.078	33,737
NIU 800080743	ANT-03-42484	47.078	4,489
WHOI #A100435	OPP-04-24864	47.078	3,018

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Total Pass-through Programs: National Science Foundation			<b>7,395,060</b>
<b>Total: National Science Foundation</b>			<b>71,785,080</b>

**National Aeronautics & Space Administration**  
**Direct Awards**

**National Aeronautics & Space Administration**

National Aeronautics & Space Administration

NNX08AJ75A		43.001	499,504
NNX08AF15A		43.001	23,646
NAS5-03117		43.001	3,814,192
NNX07AT05A		43.001	1,906,969
NNX07AP74A	CAI	43.001	754,389
NNG04GN76A		43.001	751,570
NNX07AP74A	DEL	43.001	545,600
NNX07AP74A	CAR	43.001	545,522
NASA CU52119403		43.001	312,162
NNX08AF15A		43.001	299,707
NNG04HZ42C		43.001	271,075
NNG05GE85G		43.001	241,196
NASA NNJ05H138G		43.001	229,769
NNG06WC11G		43.001	225,204
NNG06GE94G		43.001	206,575
NNG06GD28G		43.001	204,470
NAG 2-1637		43.001	198,639
NAG 9-1519		43.001	185,121
NNG05GA72A A01		43.001	175,903
NNG06GC66G		43.001	172,449
NNG05GL91G		43.001	153,631
NNG05GA90G		43.001	151,766
NNG06WC14G	CON	43.001	148,990
NNX07AN44G		43.001	134,967
NNX06AB01G		43.001	132,577
NNX07AV24G		43.001	129,074
NNG05GR37G		43.001	128,996
NAS5-03117	01	43.001	124,293
NNG06GF93G		43.001	121,737
NNX07AT41G		43.001	98,011
NNG04G032A	A01	43.001	97,461
NNG04GL28G		43.001	90,112
NNX07AP74A	SOB	43.001	86,509
NNG06WC06G	CON	43.001	76,778
NNG06GI07G		43.001	75,814
NNX08AH35G		43.001	75,393
NNX06AB48G		43.001	73,981
NNG06WC14G	PR	43.001	64,467
NNG05GE46G	CON	43.001	62,241
NNX06AG28H		43.001	60,073
NNX07AJ55G		43.001	58,961
NNG04GI88G		43.001	56,392
NNG05GO26G		43.001	55,054
NNG04GA86G		43.001	54,259
NAG5-13772		43.001	45,591
NNG05GR17G		43.001	43,865
NNG06GF55G		43.001	43,081

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<u>Federal Grantor / Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
NNG05GN99G		43.001	41,963
NNX06AI40G		43.001	40,798
NNX07AU65G		43.001	39,846
NNG04GM83G		43.001	38,320
NNG05GA72A A02 A02		43.001	36,368
NNG05GO79G		43.001	35,337
NNX07AE92G		43.001	34,720
NNX07AD21G		43.001	31,592
NNG05GG09G		43.001	31,310
NNG05GN31H		43.001	29,853
NNG05GE46G PR		43.001	27,496
NNX07AN59G		43.001	24,777
NNG05GP52H		43.001	24,387
NNX07AP36H		43.001	22,983
NNX08AF13G		43.001	22,440
NNG05GC43G		43.001	22,123
NNX07AT44H		43.001	21,915
NNG06WC06G PR		43.001	21,765
NNG05WC31G CON		43.001	19,768
NNX06AF76H		43.001	17,621
NNX06AB71G		43.001	16,721
NNX07AG58G		43.001	15,750
NNX06AH58G		43.001	15,144
NNX06AD57G		43.001	13,690
NNG04GH55G		43.001	13,420
NNX06AGO1G		43.001	10,038
NNX06AH95G		43.001	7,946
NNG04G032A A02		43.001	5,742
NNG05GO79G SUP		43.001	5,310
NAG5-13081		43.001	4,556
NNX06AI27H		43.001	4,471
NNX07AV07G		43.001	3,876
NNX06AI16G		43.001	3,577
NNX07AG61G		43.001	3,122
NNG04GA73G		43.001	3,117
NNX07AQ59G		43.001	2,688
NNG05GP83G		43.001	2,334
NNG04GR14H		43.001	2,184
NNX07AI93G		43.001	2,133
NNX06AG46G		43.001	1,253
NNG05GO24H		43.001	975
NNG04GC29A A01		43.001	943
NNG05GQ02G		43.001	677
NNG06GJ25G		43.001	171
NNG05GO52G		43.001	59
NAG5-13382		43.001	-233
NNG05WC23G CON		43.001	-17,640
NNG05WC23G PR		43.001	-20,147
NNG04GC29A PR		43.001	-179,678
Technology Transfer			
NAS2-02039		43.002	-5,292
Total Direct Award Programs: National Aeronautics & Space Administration			<b>14,510,025</b>
<b>Pass-through Awards</b>			
<b>National Aeronautics &amp; Space Administration</b>			
National Aeronautics & Space Administration			
CALTECH 44A-1085100 CON		43.000	120,685

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UMINN X5336565101 SC1		43.000	39,148
CALTECH 44A-1085100		43.000	36,713
UMINN X5336565101		43.000	21,941
CALTECH 44A-1084757 SCP		43.000	192,513
UMINN X5336524101 CON	NNG05GE62G	43.000	68,103
GIT G-35-C56-G1	NNG05GR12G	43.000	65,500
UMINN X5336524101 PR	NNG05GE62G	43.000	15,634
CALTECH 44A-1084757		43.000	14,143
<b>National Aeronautics &amp; Space Administration</b>			
STSCI HST-GO-11181.0		43.001	5,390
JPLCIT #1265788	NASA CU02425801	43.001	221,769
CALTECH #44G-1064646 PR	NAS5-98034	43.001	181,077
JPLCIT #1287665		43.001	141,908
SU SPO# 31051-B	NNGO4GL76G	43.001	134,276
CALTECH 44A-1082967 AAA		43.001	114,933
STSCI HSTGO1117201-A	NAS5-26555	43.001	111,854
STSCI HST-GO-11173	NAS5-26555	43.001	83,614
JPLCIT 1203235 NIC	NAS 7-1260	43.001	58,474
SAO GO7-8030X	NAS8-03060	43.001	57,491
CALTECH 44A-1046806 CON	NAG5-11851	43.001	53,943
CALTECH 44A-1082967 PR		43.001	51,455
SAO GO5-6060B	NAS8-03060	43.001	50,871
SAO GO6-7057X	NASA N/A	43.001	44,118
CALTECH 44A-1077099 CON	NNG04GB45G	43.001	38,895
SAO G07-8138A		43.001	38,370
SAO GO6-7048X	NAS8-03060	43.001	34,299
SAO GO6-7044X	NAS8-03060	43.001	33,662
SAO GO6-7113X	NAS8-03060	43.001	31,101
SAO PF4-50032	NAS8-03060	43.001	31,058
STSCI HST-GO-11171	NAS5-26555	43.001	28,858
HARVARD 123319	NNE06GB48E	43.001	28,337
CU NO.48240-7884	NNG05GH17H	43.001	28,106
SAO GO6-7073D	NASA N/A	43.001	24,788
SAO GO6-7022A	NAS8-03060	43.001	24,461
SAO GO6-7054X	NASA N/A	43.001	22,096
SAO GO5-6012X	NAS8-03060	43.001	21,524
SAO G05-6044X	NAS8-03060	43.001	20,218
STSCI HSTGO10991.01A	NAS5-26555	43.001	17,947
SAO GO6-7026A	NAS8-03060	43.001	14,836
MSU 61-2743CU	NNE066D96A	43.001	10,921
AMNH #1-2007	NNX07AI74G	43.001	10,622
CALTECH 44A-1077099 PR	NNG04GB45G	43.001	10,123
SAO GO6-7124A	NAS8-03060	43.001	9,355
SAO AR6-7002C	NAS8-03060	43.001	8,657
CALTECH 44A-1046806 PR	NAG5-11851	43.001	7,148
JPLCIT 1277146	NMO710076	43.001	6,634
JPLCIT 1329534		43.001	5,943
STSCI HSTGO-0945808A		43.001	4,610
STSCIHST-GO-10867-03		43.001	4,547
JPLCIT 1264892	NMO710076	43.001	3,536
JPLCIT 1277150		43.001	2,629
SAO GO7-8035X	NAS8-03060	43.001	1,044
JPLCIT #1287661	NMO710076	43.001	963
JPLCIT 1277265		43.001	734
JPLCIT 1275402		43.001	25
STSCIHST-GO10273.01A	NAS5-26555	43.001	-14
STSCI GO-10411.01-A	NAS5-26555	43.001	-196
SAO G05-6061X	NAS8-03060	43.001	-431
STSCIHSTGO-10607.05A	NAS5-26555	43.001	-519

The accompanying footnotes are an integral part of the Supplemental Schedule of Expenditures of Federal Awards

**The Trustees of Columbia University in the City of New York**  
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<u>Federal Grantor /Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
STSCIHSTGO10543.02-A	NAS5-26555	43.001	-570
JPLCIT 1276775	NMO710076	43.001	-591
JPL #1285745 PR	NM0710956	43.001	-816
STSCIHSTGO-10182.03A	NAS5-26555	43.001	-1,032
UV GG10308126982	NM0710776	43.001	-4,530
SAO AR6-7022X	NAS8-03060	43.001	-4,718
STSCIHSTGO10263.03-A	NAS5-26555	43.001	-14,577
Technology Transfer			
RFCUNY 74559-00-01		43.002	28,029
MSU 632792	NCC5-694	43.002	-16
Total Pass-through Programs: National Aeronautics & Space Administration			<b>2,411,619</b>
<b>Total: National Aeronautics &amp; Space Administration</b>			<b>16,921,644</b>

**Department of Energy**  
**Direct Awards**

**Department of Energy**

Used Energy-Related Laboratory Equipment Grants

DE-FG02-86ER40281 OFF		81.022	616,265
DE-FG02-86ER40281 CON		81.022	67,958
DE-FG02-86ER40281 TRA		81.022	44,487
DE-FG02-86ER40281 ON		81.022	3,837

Department of Energy

DE-FG02-00ER54585 SCO		81.049	93,376
DE-FG02-03ER54696 ON		81.049	6,745
DE-FG02-92ER40699 PR		81.049	1,319,934
DE-FG02-98ER54459 A04		81.049	387,818
DE-FG02-99ER54524 A04		81.049	362,652
DE FG02-98ER54464		81.049	341,864
DE-FG02-04ER54761		81.049	338,028
DE-FG02-86ER53222 A07		81.049	314,839
DE-FG02-04ER46118 PR		81.049	297,496
DE-FG02-92ER40699 C		81.049	291,904
DE-FG02-05ER64055		81.049	267,127
DOE DE-FC01-06EH0601		81.049	249,328
DOE DE-FG02-07ER6433		81.049	232,398
DE-FG02-93ER40764 PR		81.049	223,310
DE-FC02-06ER25783		81.049	217,749
DE-FG02-86ER53222 A3		81.049	196,617
DE-FG02-88ER13937 F		81.049	181,385
DE FG02-98ER14861		81.049	177,136
DE-FG02-04ER46118 OFF		81.049	171,232
DE-FG02-92ER40699 B		81.049	153,976
DE-FG02-03ER15463 PR		81.049	152,671
DE-FG02-03ER63631		81.049	148,557
DE-FG02-05ER64054		81.049	144,239
DE-FG02-03ER63629 SC1		81.049	132,738
DE-FG02-05ER46219		81.049	130,294
DE-FG02-90ER14162		81.049	116,801
DE-FG02-05ER46215		81.049	106,456
DE-FG02-03ER63441		81.049	104,676
DE FG02-91ER40669 A04		81.049	101,355

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<u>Federal Grantor / Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
DE-FG02-97ER14807		81.049	99,384
DE-FG02-99ER54524 A0 A05		81.049	92,798
DE-FG02-91ER14226		81.049	90,208
DE-FG02-92ER40699 F		81.049	89,251
DE-FG02-03ER15463 SO		81.049	85,801
DE-FG02-04ER46157 OF2		81.049	81,841
DE-FG02-04ER46157 PR		81.049	71,404
DE-FG02-02ER63413		81.049	71,251
DE-FG02-03ER63629		81.049	68,707
DE-FG02-90ER14104 PR		81.049	66,719
DE-FC26-03NT15413		81.049	61,472
DE-FG02-03ER54696		81.049	60,695
DE-FG02-93ER40764 OFF		81.049	50,648
DE-FG02-00ER54585 A0 A01		81.049	48,707
DE-FG02-04ER25652		81.049	48,004
DE-FC02-06ER54862 OFF		81.049	42,090
DE-FG02-05ER25715		81.049	41,958
DE-FG02-04ER46169		81.049	39,970
DE-FG02-00ER54585 A01		81.049	37,473
DE-FG02-93ER14339		81.049	36,279
DE-FC52-03NA99519		81.049	36,124
DE-FG02-04ER41347 PR		81.049	34,907
DE-FG02-03ER63600 A0		81.049	30,791
DE-FG02-93ER14339		81.049	29,360
DE-FG02-04ER46157 OFF		81.049	26,265
DE-FG02-95ER54333 A04		81.049	25,107
DE-FG02-03ER25562		81.049	23,807
DE-FG02-86ER53222 A08		81.049	19,918
DE-FG02-95ER54333 A03		81.049	15,416
DE-FC02-08ER54962		81.049	14,306
DE-FG02-92ER25126		81.049	13,642
DEFG02-05ER41389		81.049	10,753
DE-FC02-04ER25595		81.049	10,230
DOE CU52222902		81.049	8,283
DE FG02-98ER14861		81.049	5,919
DE-FG02-01ER15264		81.049	5,635
DE-FG02-98ER54459 A03		81.049	4,285
DE-FG02-86ER53222 A0		81.049	546
DE-FG02-05ER46219 A02		81.049	472
DE FG02-91ER40669 A01		81.049	151
DE-FC02-06ER54863		81.049	-6,534
DE FG02-98ER54464		81.049	-11,609
DE-FG02-03ER63629		81.049	-93,559
DE-FG02-04ER54761		81.049	-99,658
DE FG02-98ER54464		81.049	-323,438
Department of Energy			
DOE DE-FG02-07ER6433		81.409	178,519
Department of Energy			
DE-FG02-07ER46429		81.502	120,579
Total Direct Award Programs: Department of Energy			<b>9,060,125</b>
<b>Pass-through Awards</b>			
<b>Department of Energy</b>			
Department of Energy			
ORNL 4000067247		81.000	71,291



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<u>Federal Grantor / Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
RPI A11654	DE-GG02-05FR46258	81.000	63,860
<b>Office of Science Financial Assistance Program</b>			
DE-FG02-03ER54696 OFF		81.049	7,888
LBNL #6801368-01	DE-AC02-05CH11231	81.049	108,434
BNL #89592	DE-AC02-98CH10886	81.049	99,829
TUFTS #DOE170 A02	DOE #DE-FG02-05ER15730	81.049	81,979
BNL #122920	DE-AC02-98CH10886	81.049	77,323
AISI 0411C	DE-FC36-97IDI3554	81.049	73,314
TUFTS #DOE170 A03	DOE #DE-FG02-05ER15730	81.049	61,404
TUFTS #DOE170 A01	DOE #DE-FG02-05ER15730	81.049	44,492
LLNL B565064	DOE/NNSAW-7405-ENG-48	81.049	38,450
TUFTS #DOE170 A04 A04	DOE #DE-FG02-05ER15730	81.049	36,919
BNL #107239	DE-AC02-98CH10886	81.049	36,812
ORAU CU08-7360		81.049	30,000
BNL #86136 CON	DE-AC02-98CH10886	81.049	29,911
HARVARD #130654-01 EI	DE-FG26-04NT42123	81.049	23,877
BNL #96871	DE-AC02-98CH10886	81.049	23,803
DE-FC02-06ER54862		81.049	563
HARVARD #130654-01	DE-FG26-04NT42123	81.049	77
BNL #86136 PR	DE-AC02-98CH10886	81.049	-327
<b>Fossil Energy Research and Development</b>			
MONTANA G140-06W0831	DE-FC26-05NT42587	81.089	44,260
<b>Office of Environmental Cleanup and Acceleration</b>			
UCD W/GEC 03-019	DE FC02-03ER63613	81.104	-3,013
<b>Nuclear Energy Research, Development and Demonstration</b>			
RPI A11896		81.121	3,757
<b>Department of Energy</b>			
BNL 13326		81.502	11,000
Total Pass-through Programs: Department of Energy			<b>965,903</b>
<b>Total: Department of Energy</b>			<b>10,026,028</b>

**Department of Defense**  
**Direct Awards**

**Department of the Army**

Aquatic Plant Control

DA ACOEW912HZ06C0034		12.100	92,800
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Department of the Army

W81XWH-06-1-0035		12.420	45,623
W81XWH-08-1-0087		12.420	30,887
DDEF W81XWH-0510399		12.420	1,503,374
W81XWH-07-1-0357		12.420	363,133
DAMD17-03-1-0002 PJ1		12.420	323,028
DAAMRDC CU52128102		12.420	222,800
DDEF W81XWH-07-01-03 SC1		12.420	174,613
DDEF W81XWH-07-01-03		12.420	171,188
DAMD17-03-1-0002 COA		12.420	106,454

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**For year ended June 30, 2008**

<u>Federal Grantor / Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
DAMD17-03-1-0002 COB		12.420	100,284
DDEF W81XWH-05-1-017		12.420	99,193
W81XWH-07-1-0387 SC1		12.420	91,946
W81XWH-08-1-0009		12.420	90,175
W81XWH-07-1-0387		12.420	87,317
W81XWH-07-1-0263 CU5		12.420	60,503
W81XWH-08-1-0009 SC2		12.420	60,022
W81XWH-08-1-0009 SC3		12.420	55,470
DA AMRDCW81XWH-04-1-		12.420	45,765
DAMD17-03-1-0002 SC1		12.420	45,323
DAAMRDCW81XWH0610137		12.420	35,589
W81XWH-08-1-0009		12.420	33,718
DA AMRDC#W81XWH05102		12.420	24,491
W81XWH-06-1-0141		12.420	15,802
DAMD17-03-1-0492		12.420	2,915
DAMD17-03-1-0774		12.420	424
DAMD W81XWH-04-1-043		12.420	-8
DAMD17-02-1-0357		12.420	-167
<b>Basic Scientific Research</b>			
DA W911NF0710116		12.431	162,601
DA W911NF-04-1-0282		12.431	124,773
DA W9132T0720008		12.431	47,665
DA W911NF-07-1-0326		12.431	37,769
DA W911NF-06-10151		12.431	14,376
W911NF-08-1-0127		12.431	2,037
DA ARO W911NF-05-1-0		12.431	-16,257
Total Direct Award Programs: Department of the Army			<b>4,255,626</b>
<b>Department of the Navy</b>			
<b>Basic and Applied Scientific Research</b>			
DN ONR N00014-05-1-0		12.300	259,652
N00014-06-1-0689		12.300	236,949
N00014-04-1-0005		12.300	208,680
N00014-06-1-0372		12.300	151,974
N00014-07-1-0900		12.300	121,336
N00014-07-1-0507		12.300	110,130
N00014-03-1-0514		12.300	107,405
N00014-05-1-0492		12.300	86,763
N00014-06-1-0032		12.300	82,407
N00014-06-1-0138 PR		12.300	75,434
N00014-08-1-0329		12.300	68,766
N00014-04-1-0427 GS3		12.300	66,660
N00014-06-1-0754		12.300	65,189
N00014-06-1-0138 AP		12.300	63,386
N00014-05-1-0188		12.300	60,661
N00014-08-1-0318		12.300	55,834
N00014-03-1-0039		12.300	50,558
N00014-08-1-0150		12.300	49,863
N00014-06-1-0738		12.300	49,106
N00014-05-1-0272		12.300	24,659
N00014-07-1-0669		12.300	16,741
N00014-02-1-0691		12.300	14,229
N00014-05-1-0036		12.300	10,872
N00014-04-1-0621		12.300	8,136
N00014-08-1-0618		12.300	21
N00014-04-1-0028		12.300	-1,930

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Total Direct Award Programs: Department of the Navy			<b>2,043,481</b>
<b>Department of the Air Force</b>			
Air Force Defense Research Sciences Program			
DAFARLFA87500620221		12.800	265,910
DAFARLFA871807C0004		12.800	168,548
DAFOSR FA95500510428 BD2		12.800	150,832
DAFOSR FA95500601092		12.800	143,177
FA9550-07-1-0503		12.800	119,420
DAFOSR#FA95500510428		12.800	106,782
DAFOSR FA95500510428 DAR		12.800	89,642
DAF#FA8718-05-C-0022		12.800	83,268
DAFARLFA86500526647		12.800	8,630
Total Direct Award Programs: Department of the Air Force			<b>1,136,209</b>
<b>Other DOD</b>			
Other DOD			
DTRA1-07-C-0022		12.000	172,537
HDTRA1-07-1-0025		12.000	151,638
Basic Scientific Research			
DAAD19-02-1-0047 SC1		12.431	454,621
DAAD19-02-1-0047		12.431	341,531
DARPA W911NF-05-1-04		12.431	72,893
DAAD19-02-1-0047 SC2		12.431	24,844
DARPA W911NF-05-1-04		12.431	3,882
W911NF-08-1-0045		12.431	2,621
W911NF-06-1-0427		12.431	-18,000
Basic, Applied, and Advanced Research in Science and Engineering			
NGA HM1582-07-1-2002		12.630	149,505
NGA HMI1582-08-1-000		12.630	88,627
DA W9132T-08-2-0002		12.630	48,240
NGA HM1582-06-1-2015		12.630	20,440
DA W9132T-08-2-0012		12.630	2,976
Mathematical Sciences Grants Program			
NSAH9823008C02660000		12.901	121,493
Research and Technology Development			
DARPA W911NF-05-1-04		12.910	642,513
DARPA W911NF-05-1-04 SC2		12.910	486,285
NGA HM1582-05-C-0043		12.910	279,684
DAW911NF-07-1-0175		12.910	121,727
DARPA W911NF-05-1-04 SC1		12.910	98,851
DARPA HR0011-0710012		12.910	91,779
DARPA HR0011-0610034		12.910	45,612
F30602-01-2-0523 A01		12.910	13,013
HR 0011-08-1-0069		12.910	2,593
DA W9113M-06-C-0025		12.910	-8,007
Total Direct Award Programs: Other DOD			<b>3,411,898</b>
<b>Pass-through Awards</b>			
<b>Department of the Army</b>			
Department of the Army			

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NYUMC 04-0018	DAMD17-02-1-0668	12.000	-458
Military Medical Research and Development			
MSSM 0258-2931-4609	W81XWH-04-1-0514	12.420	54,012
Basic Scientific Research			
NIC 20071056009000		12.431	280,315
UCD CU08-8188		12.431	61,751
CU 54696-8648		12.431	92,341
UMINN S5226679401	Q911NF-07-1-0439	12.431	55,297
Total Pass-through Programs: Department of the Army			<b>543,258</b>
<b>Department of the Navy</b>			
Department of the Navy			
NGA HM1582-05-C-0008	N/A	12.000	17,370
Basic and Applied Scientific Research			
UCHICA 33864	N00014-04-1-0224	12.300	132,298
UPENN 548359		12.300	101,052
UTEXAUS 2007C02460		12.300	10,479
Total Pass-through Programs: Department of the Navy			<b>261,199</b>
<b>Department of the Air Force</b>			
Military Medical Research and Development			
UNMEX 98600787B5	FA9550-06-1-0264	12.420	234,648
Basic, Applied, and Advanced Research in Science and Engineering			
NWU #0650300F416424	F49620-02-1-0381	12.630	97
Air Force Defense Research Sciences Program			
QDVISION CUAFOSRT034	FA9550-07-C-0056	12.800	246,879
CU 51817-8428	FA9550-07-1-0411	12.800	66,583
GMU 107151A NIE	FA9550-07-0527	12.800	52,965
GMU 107151A	FA9550-07-0527	12.800	49,877
GMU 107151A STO	FA9550-07-0527	12.800	34,957
QDVISION CUAFOSRT034	DAFOSR FAA95506C0128	12.800	-696
Research and Technology Development			
HARVARD 02-130068	FA8650-06-C-7618	12.910	14,685
Total Pass-through Programs: Department of the Air Force			<b>699,995</b>
<b>Other DOD</b>			
Other DOD			
SUNYOPT CU522454	W81XWH-06-1-0676	12.000	271,872
SALK PO405813	DARPA DAAD19-02-1-0267	12.000	258,153
CFDRC CU52248701	W81XWH-05-C-0148	12.000	105,221
Other DOD			
IBM W0652114 CAR	W911NF-07-2-0013	12.630	112
IBM W0652114 BER	W911NF-07-2-0013	12.630	-233
MITRE 67058	NSA	12.630	210,241

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<b>Language Grant Program</b>			
IBM W0753031		12.900	21,417
IBM W0753031 CAR		12.900	11,255
<b>Mathematical Sciences Grants Program</b>			
TELCORDIA 20005651		12.901	212,176
TELCORDIA 20005651 SCP		12.901	52,658
<b>Information Security Grant Program</b>			
GIT #B-12-664-S1	NSA H98230-05-C-0486	12.902	311,420
<b>Research and Technology Development</b>			
SRI CU02606401	DARPACU02606401	12.910	658,734
DI NBCHCO80029		12.910	459,083
UIL #2003-07765-1-00	HR0011-04-1-0034	12.910	213,118
UCLA 0160 G GF211 A4	DARAP HR0011-04-3-0002	12.910	155,912
SRI 27-001028	DARPA CU02606301	12.910	152,664
UCOL 154-3158	HR011-06-1-0048	12.910	121,141
BBN CU08-7451		12.910	71,619
DI NBCHCO80029 SCP		12.910	65,648
IBM CU08-7946		12.910	14,086
SRI 27-001026 B	DARPACU02606401	12.910	1,638
IBM #W0141270	ARDA #2304-H839800-000	12.910	-666
Total Pass-through Programs: Other DOD			<b>3,367,269</b>
<b>Total: Department of Defense</b>			<b>15,718,935</b>

**Department of Commerce**  
**Direct Awards**

**Department of Commerce**

Coastal Zone Management Estuarine Research Reserves

NOA NA08NOS4200273		11.420	2,567
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Climate and Atmospheric Research

NA050AR4311004		11.431	8,823,190
NA07OAR4310113 PR		11.431	224,868
NA04OAR4310122		11.431	152,475
NA06OAR4310151		11.431	143,061
NA07OAR4310377		11.431	85,893
NAO60AR4310144		11.431	73,264
NA060AR4310143 PR		11.431	65,004
NA07OAR4310094		11.431	64,904
NA04OAR4310185		11.431	43,660
NA060AR4310143 S1		11.431	32,153
NA16GP2990		11.431	24,772
NA04OAR4310185 SC1		11.431	16,412
NA03OAR4310161		11.431	12,486
NA07OAR4310060		11.431	8,855
NA07OAR4310113 EQU		11.431	6,000

Office of Oceanic and Atmospheric Research Joint and Cooperative Institutes

NAO30AR4320179 P07		11.432	413,410
NAO30AR4320179 P28		11.432	279,990

**The Trustees of Columbia University in the City of New York**  
**Supplemental Schedule of Expenditures of Federal Awards**  
**For year ended June 30, 2008**

<u>Federal Grantor /Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
NAO30AR4320179	P27	11.432	262,846
NAO30AR4320179	P04	11.432	237,228
NAO30AR4320179	P08	11.432	201,149
NAO30AR4320179	P09	11.432	192,480
NAO30AR4320179	P11	11.432	167,286
NAO30AR4320179	P23	11.432	127,234
NAO30AR4320179	PR	11.432	123,854
NAO30AR4320179	P10	11.432	121,342
NAO30AR4320179	SUB	11.432	74,298
NAO30AR4320179	P15	11.432	68,480
NAO30AR4320179	P18	11.432	67,175
NAO30AR4320179	P17	11.432	60,809
NAO30AR4320179	22A	11.432	60,481
NAO30AR4320179	P12	11.432	59,730
NAO30AR4320179	P24	11.432	57,725
NAO30AR4320179	P05	11.432	56,961
NAO30AR4320179	P13	11.432	49,444
NAO30AR4320179	P02	11.432	49,272
NAO30AR4320179	P29	11.432	46,568
NAO30AR4320179	P01	11.432	42,468
NAO30AR4320179	P31	11.432	37,937
NAO30AR4320179	P26	11.432	20,296
NAO30AR4320179	P32	11.432	15,632
NAO30AR4320179	P33	11.432	15,134
NAO30AR4320179	21A	11.432	9,788
NAO30AR4320179	22B	11.432	5,805
NAO30AR4320179	P06	11.432	618
NAO30AR4320179	P25	11.432	2
NAO30AR4320179	20A	11.432	-1,842
NAO30AR4320179	MA	11.432	-3,655
Environmental Sciences, Applications, Data, and Education			
NA03NES4400012		11.440	-7,020
Total Direct Award Programs: Department of Commerce			<b>12,692,489</b>
<b>Pass-through Awards</b>			
<b>Department of Commerce</b>			
ITA Special Projects			
IBM W0145970	DC W911NF0630001	11.113	253,359
Office of Oceanic and Atmospheric Research Joint and Cooperative Institutes			
OPENDAP CU07-1864		11.432	19,128
MIDLBRY 265806	NA17RJ1225	11.432	5,292
Special Oceanic and Atmospheric Projects			
MIDLBRY 265807	NA060AR4600218	11.460	2,657
Total Pass-through Programs: Department of Commerce			<b>280,436</b>
<b>Total: Department of Commerce</b>			<b>12,972,925</b>

**Department of Education**  
**Direct Awards**

**Department of Education**

The accompanying footnotes are an integral part of the Supplemental Schedule of Expenditures of Federal Awards

**The Trustees of Columbia University in the City of New York**  
**Supplemental Schedule of Expenditures of Federal Awards**  
**For year ended June 30, 2008**

<u>Federal Grantor /Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
National Resource Centers and Fellowships Program for Language, Area Studies, & Intl Studies Program DE P015B060101		84.015	218,480
Centers for International Business Education DE P220A060005		84.220	-2,548
Education Research, Development and Dissemination DE R305H060161		84.305	267,788
DE R305H030175		84.305	3,267
DE R305H020031		84.305	763
<b>Total Direct Award Programs: Department of Education</b>			<b>487,750</b>
<b>Pass-through Awards</b>			
<b>Department of Education</b>			
National Institute on Disability and Rehabilitation Research JFKMC 090102-001	H133A020518	84.133	68,375
JFKJRI CU51903704		84.133	49,413
JFKJRI CU51903703	5 R01 H133A031713	84.133	47,935
JFKJRI CU51903703	5 R01 H133A031713	84.133	-13,978
Department of Education TC OSP 511229	H326 C000004-06	84.237	67,949
<b>Total Pass-through Programs: Department of Education</b>			<b>219,694</b>
<b>Total: Department of Education</b>			<b>707,444</b>
 <b>Department of Agriculture</b>			
<b>Direct Awards</b>			
<b>Department of Agriculture</b>			
Grants for Agricultural Research-Competitive Research Grants USDA 20063561516716		10.206	96,125
<b>Total Direct Award Programs: Department of Agriculture</b>			<b>96,125</b>
<b>Pass-through Awards</b>			
<b>Department of Agriculture</b>			
Agricultural Research-Basic and Applied Research SFWMD 3500002701	USDA N/A	10.001	-10,706
<b>Total Pass-through Programs: Department of Agriculture</b>			<b>-10,706</b>
<b>Total: Department of Agriculture</b>			<b>85,419</b>
 <b>Department of Interior</b>			
<b>Direct Awards</b>			
<b>Department of Interior</b>			
Department of Interior USGS 08CRSA0261		15.000	13,785

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**Supplemental Schedule of Expenditures of Federal Awards**  
**For year ended June 30, 2008**

<u>Federal Grantor /Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
Fish and Wildlife Management Assistance			
DIFWS 98210-4-G911		15.608	16,530
Earthquake Hazards Reduction Program			
USGS #07HQAG0021		15.807	278,016
USGS 07HQGR0046		15.807	60,815
USGS #06HQGR0106		15.807	35,249
USGS 07HQGR0044		15.807	25,224
USGS 06HQGR0054		15.807	19,532
USGS 07HQGR0045		15.807	18,186
USGS 08HQGR0042		15.807	5,725
USGS 08HQGR0043		15.807	1,296
Department of Interior			
USGS #05CRAG0041		15.808	142,709
USGS 06CRAG0028		15.808	110,203
USGS #05HQC�0029		15.808	63,600
Total Direct Award Programs: Department of Interior			<b>790,870</b>
<b>Pass-through Awards</b>			
<b>Department of Interior</b>			
Department of Interior			
NPKS H528408003		15.000	1,051
IBM W0752588 CHG	DI NBCGC070059	15.000	203,003
IBM W0752588 KDR	DI NBCGC070059	15.000	73,262
SLRIHS CU51772204	5 R01 DI NBCH010064	15.000	-2,979
Technical Preservation Services			
DI NPS H5297-05-0071	DI 5297-3K4D-374	15.915	-24,925
Total Pass-through Programs: Department of Interior			<b>249,412</b>
<b>Total: Department of Interior</b>			<b>1,040,282</b>
<b>Department of State</b>			
<b>Direct Awards</b>			
<b>Department of State</b>			
Program for Study of Eastern Europe and the Independent States of the Former Soviet Union			
DS SAQMPD06M3213		19.300	29,516
Total Direct Award Programs: Department of State			<b>29,516</b>
<b>Pass-through Awards</b>			
<b>Department of State</b>			
Department of State			
FHI 132120		19.000	137,495
NAS PGA-P280423		19.000	15,532
Fishermen's Guaranty Fund			
CSMIP 1006-903		19.204	46,974
Total Pass-through Programs: Department of State			<b>200,001</b>
<b>Total: Department of State</b>			<b>229,517</b>



**The Trustees of Columbia University in the City of New York**  
**Supplemental Schedule of Expenditures of Federal Awards**  
**For year ended June 30, 2008**

<u>Federal Grantor /Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
<b>Department of Transportation</b>			
<b>Direct Awards</b>			
<b>Department of Transportation</b>			
Department of Transportation			
FHADTFH61-04-C-00040		20.000	347,148
Aviation Education			
FAA DTFAAC-04A00698		20.100	24,987
Total Direct Award Programs:	Department of Transportation		<b>372,135</b>
<b>Pass-through Awards</b>			
<b>Department of Transportation</b>			
Department of Transportation			
UAB CU02405701	DTNH22-01-H-07551	20.000	67,286
Department of Transportation			
RFCUNY 49777-1804	RFCUNY 49777-15-19 NYS C005761	20.502 20.502	10,000 6,000
Total Pass-through Programs:	Department of Transportation		<b>83,286</b>
<b>Total: Department of Transportation</b>			<b>455,421</b>
<b>Environmental Protection Agency</b>			
<b>Direct Awards</b>			
<b>Environmental Protection Agency</b>			
Environmental Protection Agency			
EPA RD-83284801-0		66.000	50,816
Air Pollution Control Program Support			
EPA SU-83352801		66.001	1,653
Environmental Protection Agency			
EPA RD-83214101	S6	66.500	212,433
EPA RD-83214101	S5	66.500	171,483
EPA RD-83214101	S4	66.500	134,710
EPA RD-83214101	S1	66.500	102,248
EPA RD-83214101	S2	66.500	68,079
EPA RD-83214101	S3	66.500	63,471
EPA RD-83214101	PRM	66.500	57,665
EPA RD-83214101	SC7	66.500	-7,862
EPA RD-83214101	S7	66.500	-9,108
EPA RD-83214101	SC5	66.500	-29,044
EPA RD-83214101	SC3	66.500	-37,903
EPA RD-83214101	SC6	66.500	-38,162
EPA RD-83214101		66.500	-51,559
EPA RD-83214101	SC2	66.500	-57,076
EPA RD-83214101	SC1	66.500	-63,647
EPA RD-83214101	SC4	66.500	-75,453
Science To Achieve Results Research Program			
EPA RD83322201		66.509	92,642

**The Trustees of Columbia University in the City of New York**  
**Supplemental Schedule of Expenditures of Federal Awards**  
**For year ended June 30, 2008**

<u>Federal Grantor /Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
EPA RD-83214101 S8		66.509	75,080
EPA RD-83333401		66.509	25,064
Environmental Protection Consolidated Grants-Program Support			
EPA RD-83209601-0		66.600	212,592
Total Direct Award Programs: Environmental Protection Agency			<b>898,122</b>
<b>Pass-through Awards</b>			
<b>Environmental Protection Agency</b>			
Long Island Sound Program			
NEIWPC0612-001	EPA LI-97130601	66.437	48,511
Science To Achieve Results Research Program			
UWASH #992419	5 R01 EPA RD-83169702	66.509	226,538
UWASH #992419	5 R01 EPA RD-83169701	66.509	66,278
HARVARD 123392	RD-8227001	66.509	24,571
Science To Achieve Results Fellowship Program			
CLARK 2E046B		66.514	39,053
Environmental Protection Agency			
JH CU02577201	EPA	66.590	44,989
Total Pass-through Programs: Environmental Protection Agency			<b>449,940</b>
<b>Total: Environmental Protection Agency</b>			<b>1,348,062</b>
<b>Federal Government</b>			
<b>Pass-through Awards</b>			
<b>Other Federal</b>			
Other Federal			
ATK #SC-5954-001	GMISC CU02483101	99.999	65,432
Total Pass-through Programs: Other Federal			<b>65,432</b>
<b>Total: Federal Government</b>			<b>65,432</b>
<b>Nat. Endowment for the Arts &amp; Humanities</b>			
<b>Direct Awards</b>			
<b>Nat. Endowment for the Arts &amp; Humanities</b>			
Promotion of the Humanities-Fellowships and Stipends			
NEH FA-53399-07		45.160	40,006
Department of State			
NEH RZ-50636-06		45.161	38,815
Total Direct Award Programs: Department of State			<b>78,821</b>
<b>Total: Nat. Endowment for the Arts &amp; Humanities</b>			<b>78,821</b>
<b>Other Agencies / Gov't</b>			
<b>Direct Awards</b>			
<b>United States Institute of Peace</b>			

**The Trustees of Columbia University in the City of New York**  
**Supplemental Schedule of Expenditures of Federal Awards**  
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<u>Federal Grantor /Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
Unsolicited Grant Program			
USIP SG-201-05F		91.001	19,584
Total Direct Award Programs:      United States Institute of Peace			<b>19,584</b>
<b>Pass-through Awards</b>			
<b>Social Security Administration</b>			
Social Security-Research and Demonstration			
BCOL 786-5	SSA	96.007	25,173
Total Pass-through Programs:      Social Security Administration			<b>25,173</b>
<b>United States Agency for International Dvlpt.</b>			
United States Agency for International Dvlpt.			
AED 3760-02		98.000	6
USAID Development Partnerships for University Cooperation and Development			
WCS CU02813702	USAID EPP-A-00-060001400	98.012	40,656
Total Pass-through Programs:      United States Agency for International Dvlpt.			<b>40,662</b>
<b>Department of Homeland Security</b>			
Pilot Demonstration or Earmarked Projects			
DARTC 5-36423.5740		97.001	318,500
Total Pass-through Programs:      Department of Homeland Security			<b>318,500</b>
<b>Total: Other Agencies / Gov't</b>			<b>403,919</b>
<b>Total: RESEARCH &amp; DEVELOPMENT CLUSTER</b>			<b>500,400,729</b>
<b>STUDENT FINANCIAL ASSISTANCE CLUSTER</b>			
<b>Department of Health &amp; Human Services</b>			
<b>Direct Awards</b>			
<b>Health Resources &amp; Services Admin-BHP</b>			
Health Professions Student Loans, Including Primary Care Loans/Loans for Disadvantage Students			
HRSA 4161108L-07		93.342	3,537,579
HRSA 4161308-07		93.342	41,928
HRSA 4161301-07		93.342	29,293
Scholarships for Health Professions Students from Disadvantaged Backgrounds			
2 T08 HP07109-02-00		93.925	228,936
4161109-03		93.925	89,719
Total Direct Award Programs:      Health Resources & Services Admin-BHP			<b>3,927,455</b>
<b>Total: Department of Health &amp; Human Services</b>			<b>3,927,455</b>
<b>Department of Education</b>			

**The Trustees of Columbia University in the City of New York**  
**Supplemental Schedule of Expenditures of Federal Awards**  
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<u>Federal Grantor / Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
<b>Direct Awards</b>			
<b>Department of Education</b>			
Department of Education			
DE-438-002707 136		84.003	504
Federal Supplemental Educational Opportunity Grants			
DE-SEOG 07/08 A		84.007	897,290
DE-SEOG 06/07 A		84.007	219,131
DE-SEOG 04/05 B		84.007	-44
Department of Education			
DE-438-002707 PRI		84.033	159,091
DE-438-002707 PRI		84.033	10,131
DE-438-002707 PRI		84.033	614
DE-438-002707 PRI		84.033	-813
DE-438-002707 001		84.033	2,498,438
DE-438-002707 A1		84.033	1,147,256
DE-438-002707 PRI		84.033	771,405
DE-438-002707 B1		84.033	619,582
DE-438-002707 PRI		84.033	402,006
DE-438-002707 011		84.033	196,326
DE-438-002707 PRI		84.033	156,832
DE-438-002707 009		84.033	154,000
DE-438-002707 018		84.033	97,997
DE-438-002707 PRI		84.033	95,118
DE-438-002707 025		84.033	91,000
DE-438-002707 026		84.033	91,000
DE-438-002707 006		84.033	70,330
DE-438-002707 007		84.033	63,332
DE-438-002707 003		84.033	42,000
DE-438-002707 031		84.033	39,814
DE-438-002707 062		84.033	38,589
DE-438-002707 017		84.033	34,998
DE-438-002707 022		84.033	27,999
DE-438-002707 036		84.033	21,245
DE-438-002707 028		84.033	21,000
DE-438-002707 020		84.033	21,000
DE-438-002707 014		84.033	21,000
DE-438-002707 015		84.033	21,000
DE-438-002707 021		84.033	20,999
DE-438-002707 008		84.033	13,999
DE-438-002707 122		84.033	12,046
DE-438-002707 053		84.033	11,840
DE-438-002707 065		84.033	9,028
DE-438-002707 004		84.033	7,000
DE-438-002707 050		84.033	4,691
DE-438-002707 057		84.033	4,122
DE-438-002707 129		84.033	3,566
DE-438-002707 010		84.033	3,500
DE-438-002707 043		84.033	3,445
DE-438-002707 002		84.033	2,790
DE-438-002707 078		84.033	2,663
DE-438-002707 056		84.033	2,366
DE-438-00270 133		84.033	1,967
DE-438-002707 132		84.033	1,912
DE-438-002707 052		84.033	1,858
DE-438-002707 060		84.033	1,853
DE-438-002707 113		84.033	1,404

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**For year ended June 30, 2008**

<u>Federal Grantor / Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
DE-438-002707	096	84.033	1,356
DE-438-002707	099	84.033	1,342
DE-438-002707	064	84.033	1,260
DE-438-002707	046	84.033	1,129
DE-438-002707	134	84.033	1,010
DE-438-002707	109	84.033	913
DE-438-002707		84.033	612
DE-438-002707	080	84.033	546
DE-438-002707	074	84.033	501
DE-438-002707	040	84.033	413
DE-438-002707	104	84.033	317
DE-438-002707	137	84.033	273
DE-438-002707	113	84.033	5
DE-438-002707	001	84.033	-200
DE-438-002707	B1	84.033	-219,131
<b>Federal Pell Grant Program</b>			
DE-PELL 07/08	A	84.063	1,627,655
DE-PELL 07/08	C	84.063	1,479,821
DE-PELL 07/08	B	84.063	696,515
DE-PELL 06/07	B	84.063	-100
DE-PELL 06/07	C	84.063	-1,419
DE-PELL 06/07	A	84.063	-1,465
DE-PELL 07/08	PR	84.063	-5,890
<b>Academic Competitiveness Grants</b>			
DE ACG-07/08	101	84.375	192,025
DE ACG-07/08	102	84.375	60,251
DE ACG-06/07	102	84.375	-1,125
DE ACG-06/07	101	84.375	-4,000
<b>National Science and Mathematics Access to Retain Talent Grants</b>			
DE SMART 07/08	102	84.376	200,037
DE SMART 07/08	101	84.376	159,505
DE SMART 07/08	103	84.376	60,000
DE SMART 06/07	103	84.376	-2,000
DE SMART 06/07	101	84.376	-8,000
DE SMART 06/07	102	84.376	-18,000
Total Direct Award Programs: Department of Education			12,364,376
<b>Total: Department of Education</b>			<b>12,364,376</b>
<b>Total: STUDENT FINANCIAL ASSISTANCE CLUSTER</b>			<b>16,291,831</b>
<b>OTHER MAJOR PROGRAMS</b>			
<b>Department of Health &amp; Human Services</b>			
<b>Direct Awards</b>			
<b>Health Resources &amp; Services Admin</b>			
AIDS Education and Training Centers			
5 H4A HA 00071-05-02		93.145	3,536,692
Total Direct Award Programs: Health Resources & Services Admin			3,536,692
			<b>3,536,692</b>

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<u>Federal Grantor /Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
<b>Center for Disease Control</b>			
HIV Demonstration, Research, Public and Professional Education Projects			
5 U62 CCU223540-04 SC8		93.941	7,026,351
5 U62 CCU223540-04 SC1		93.941	5,177,595
5 U62 CCU223540-04 SC4		93.941	4,703,281
5 U62 CCU223540-04 SC3		93.941	4,681,148
5 U62 CCU223540-04 S4		93.941	4,638,364
5 U62 CCU223540-04 SC5		93.941	3,894,501
5 U62 CCU223540-04 SC6		93.941	3,614,642
5 U62 CCU223540-04 SC7		93.941	3,480,384
5 U62 CCU223540-04 S S1		93.941	3,349,591
5 U62 PS223540-05 SC1		93.941	3,041,134
5 U62 CCU223540-04 S3		93.941	2,852,488
5 U62 CCU223540-03 S8		93.941	2,618,396
5 U62 CCU223540-04 S2		93.941	2,600,687
5 U62 CCU223540-04 S6		93.941	2,584,860
5 U62 CCU223540-04		93.941	2,296,551
5 U62 CCU223540-04 S7		93.941	1,535,682
5 U62 PS223540-05 S3		93.941	1,261,805
5 U62 CCU223540-04 SC2		93.941	1,195,231
5 U62 PS223540-05 SC8		93.941	669,595
5 U62 PS223540-05 SP8		93.941	600,010
5 U62 PS223540-05 SC4		93.941	427,045
5 U62 PS223540-05 S8		93.941	380,980
5 U62 PS223540-05 S1		93.941	364,902
5 U62 PS223540-05 S7		93.941	349,803
CDC 200-2007-23654 SC1		93.941	323,883
5 U62 CCU223540-04 SC9		93.941	323,523
5 U62 PS223540-05 S4		93.941	303,383
5 U62 PS223540-05 SC6		93.941	301,636
5 U62 PS223540-05 SC3		93.941	292,961
5 U62 PS223540-05 S2		93.941	226,478
5 U62 PS223540-05 S6		93.941	210,171
5 U62 PS223540-05 SC9		93.941	207,549
5 U62 PS223540-05 SC2		93.941	200,466
5 U62 PS223540-05 SC7		93.941	193,996
CDC 200-2007-23654 SC2		93.941	154,231
5 U62 PS223540-05		93.941	146,877
5 U62 CCU223540-04 S9		93.941	63,142
CDC 200-2007-23654		93.941	47,512
5 U62 CCU223540-04 SP4		93.941	30,360
			66,371,194
Epidemiologic Research Studies of AIDS & HIV Infection in Selected Population Groups			
5 U62 PS222407-05 MO1		93.943	3,261,850
5 U62 PS222407-05 MOZ		93.943	1,416,327
5 U62 PS222407-05		93.943	1,170,440
5 U62 PS222407-05 RW1		93.943	1,040,319
5 U62 PS222407-05 RWA		93.943	962,684
5 U62 PS222407-05 ZAM		93.943	521,864
5 U62 PS222407-05 TA1		93.943	473,278
5 U62 PS222407-05 TAN		93.943	366,770
5 U62 PS222407-05 SC1		93.943	359,961
U62 /CCU222407-05 SA1		93.943	27,270
5 U62 PS222407-05 ZA1		93.943	39
			9,600,802
Total Direct Award Programs:	Center for Disease Control		75,971,996
<b>Admin for Children &amp; Families</b>			

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<u>Federal Grantor / Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
<b>Head Start</b>			
02CH9933/05		93.600	2,059,779
02CH9933/04		93.600	424,563
NSF 02CH9933/0		93.600	217,765
02CH9933/03		93.600	-29,615
			<b>2,672,492</b>
Total Direct Award Programs: Admin for Children & Families			<b>2,672,492</b>
<b>Pass-through Awards</b>			
<b>Other DHHS (Non-NIH)</b>			
<b>Head Start</b>			
NYCHRA CU50738316	2 R01 DHHS	93.600	387,199
NYCHRA 660TCOL		93.600	275,072
NYCHRA CU50738313	2 R01 DHHS	93.600	-8,335
NYCHRA CU50738316	2 R01 DHHS	93.600	-24,448
			<b>629,488</b>
Total Pass-through Programs: Other DHHS (Non-NIH)			<b>629,488</b>
<b>Total: Department of Health &amp; Human Services</b>			<b>82,810,668</b>

**Other Agencies / Gov't**  
**Direct Awards**

**United States Agency for International Dvlpt.**

United States Agency for International Dvlpt.			
AID GPO-A-00-03-0000 SC1		98.000	8,814,682
AID GPO-A-00-03-0000 SC3		98.000	784,764
AID GPO-A-00-03-0000 SC8		98.000	526,725
AID GPO-A-00-03-0000 SC4		98.000	462,576
AID GPO-A-00-03-0000 SC2		98.000	392,306
AID GPO-A-00-03-0000 SC5		98.000	251,297
AID GPO-A-00-03-0000 S12		98.000	201,148
AID GPO-A-00-03-0000 SC6		98.000	161,406
AID GPO-A-00-03-0000 S14		98.000	88,816
AID GPO-A-00-03-0000 S15		98.000	37,238
AID GPO-A-00-03-0000 SC9		98.000	26,626
AID GPO-A-00-03-0000 S13		98.000	21,523
AID GPO-A-00-03-0000		98.000	232
AID GPO-A-00-03-0000 S10		98.000	113
			<b>11,769,452</b>
Total Direct Award Programs: United States Agency for International Dvlpt.			<b>11,769,452</b>
<b>Total: Other Agencies / Gov't</b>			<b>11,769,452</b>

**Total: OTHER MAJOR PROGRAMS**

**94,580,120**

**OTHER NON-MAJOR PROGRAMS**

**Department of Health & Human Services**  
**Direct Awards**

**Health Resources & Services Admin**

Health Resources & Services Admin			
1 R01 NRSA 07-H0118		93.000	24,963

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<u>Federal Grantor /Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
<b>Maternal and Child Health Federal Consolidated Programs</b>			
5 H17 MC07865-02-00		93.110	8,719
1 H17 MC07865-01-00		93.110	8,191
<b>Emergency Medical Services for Children</b>			
5 U03 MC00007-05-00		93.127	414,816
5 U03 MC00007-05-00		93.127	392,689
<b>Coordinated Services and Access to Research for Women, Infants, Children, and Youth</b>			
2 H12 HA00012-19-00		93.153	-43
5 H12 HA00012-18-00 SC1		93.153	-414
<b>Healthy Communities Access Program</b>			
5 G92CS03996-02-		93.252	53,631
<b>Ryan White HIV/AIDS Dental Reimbursements\Community Based Dental Partnership</b>			
5 H65 HA00014-05		93.924	181,076
5 H65 HA00014-06		93.924	167,516
<b>Healthy Start Initiative</b>			
6 H49 MC00133-07-01		93.926	1,053,260
5 H49 MC00133-06-00		93.926	266,249
6 H49 MC00133-08-00		93.926	27,431
2 H49 MC00133-05-04		93.926	193
<b>Total Direct Award Programs:</b>	<b>Health Resources &amp; Services Admin</b>		<b>2,598,277</b>
<b>Health Resources &amp; Services Admin-BHP</b>			
<b>Ryan White HIV/AIDS Dental Reimbursements\Community Based Dental Partnership</b>			
2 B01 BHP CU5068		93.924	90,020
<b>Total Direct Award Programs:</b>	<b>Health Resources &amp; Services Admin-BHP</b>		<b>90,020</b>
<b>Center for Disease Control</b>			
<b>Centers for Disease Control and Prevention-Investigations and Technical Assistance</b>			
5 N01 CDC 200-1999-0		93.283	317,581
<b>Total Direct Award Programs:</b>	<b>Center for Disease Control</b>		<b>317,581</b>
<b>Agency for Healthcare Research &amp; Quality</b>			
<b>Research on Healthcare Costs, Quality and Outcomes</b>			
5 R03 HS016333-02		93.226	49,481
1 R03 HS016000-01		93.226	21,320
<b>Total Direct Award Programs:</b>	<b>Agency for Healthcare Research &amp; Quality</b>		<b>70,801</b>
<b>Other DHHS (Non-NIH)</b>			
<b>Centers for Genomics and Public Health</b>			
5 K01 CE000494-03		93.063	99,316
<b>Maternal and Child Health Federal Consolidated Programs</b>			
MC05056-03-00		93.110	296,656



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<u>Federal Grantor /Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
Total Direct Award Programs: Other DHHS (Non-NIH)			<b>395,972</b>
<b>Pass-through Awards</b>			
<b>Health Resources &amp; Services Admin</b>			
Health Resources & Services Admin			
MHRA 07-CU-01		93.000	96,071
Emergency Medical Services for Children			
GMO-801116		93.127	7,626
National Bioterrorism Hospital Preparedness Program			
JACOBIH PT07-1762		93.889	157,540
HIV Emergency Relief Project Grants			
MHRA 93-EVL-4645	2 R01 NYCDOH	93.914	547,501
PH #99-DNT-670	MHRA	93.914	-7
SHRI 002089-06	5 R01 93SEC4624M	93.914	130,513
SHRI 002089-04	5 R01 93SEC4624M	93.914	1,232
Maternal and Child Health Services Block Grant to the States			
SDH C019041	HRSA	93.994	141,802
SDH C019041		93.994	64,366
SDH C021666	HRSA	93.994	49,532
NYSDOH C019458	HRSA	93.994	29,034
NYSDOH C019458	1 HRSA	93.994	23,558
SDH C-021002	HRSA	93.994	163,797
SDH C021666	HRSA	93.994	44,010
SDOH C-019461	HRSA	93.994	9,057
Total Pass-through Programs: Health Resources & Services Admin			<b>1,465,632</b>
<b>Center for Disease Control</b>			
Center for Disease Control			
SHRI 1765-05	CCU22201210	93.000	309,208
NYCPFDN CU52282602		93.000	167,216
NYCDOHMH CU52300001	1 CDC	93.000	113,284
NYCPFDN CU52282601		93.000	68,286
Project Grants and Cooperative Agreements for Tuberculosis Control Programs			
DVAMC V688P-2933	2 R01 CDC	93.116	198,007
Centers for Research and Demonstration for Health Promotion and Disease Prevention			
MHRA #06-CU-01 ICR	CDC N/A	93.135	42,000
MHRA #06-CU-01	CDC N/A	93.135	33
Total Pass-through Programs: Center for Disease Control			<b>898,034</b>
<b>Admin for Children &amp; Families</b>			
Child Abuse and Neglect Discretionary Activities			
NEC CU02441201	DHHS #90CW1104	93.670	25,579
Total Pass-through Programs: Admin for Children & Families			<b>25,579</b>
<b>Substance Abuse &amp; MHS Admin</b>			
Substance Abuse & MHS Admin			

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<u>Federal Grantor /Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
WCDH CU52210801	MH T116540-01	93.000	47,455
Total Pass-through Programs: Substance Abuse & MHS Admin			<b>47,455</b>
<b>Total: Department of Health &amp; Human Services</b>			<b>5,909,351</b>
<b>National Institute of Health</b>			
<b>Pass-through Awards</b>			
<b>National Institute on Aging</b>			
Special Programs for the Aging-Title III, Part D-Disease Prevention and Health Promotion Services			
CUCSD ADC-008 10-00- DHA	1 R01 AG	93.043	17,081
CUCSD ADC-008 10-00- VAL	1 R01 AG	93.043	13,016
Aging Research			
CUCSD ADC-008 10-00- BEL	5 U01 AG10483	93.866	28,402
CUCSD ADC-008 10-00- TPA	5 U01 AG10483	93.866	8,121
CUCSD ADC-008 10-00- HOM	5 U01 AG10483	93.866	5,991
Total Pass-through Programs: National Institute on Aging			<b>72,611</b>
<b>Nat. Inst. of Allergy &amp; Infectious Disease</b>			
Nat. Inst. of Allergy & Infectious Disease			
SSS CU5225602	5 U01 AI068632-02	93.000	13,054
Allergy, Immunology and Transplantation Research			
GWU 07-M31		93.855	4,775
Total Pass-through Programs: Nat. Inst. of Allergy & Infectious Disease			<b>17,829</b>
<b>National Cancer Institute</b>			
National Cancer Institute			
NCCF 16485		93.000	13,213
Cancer Biology Research			
CCTRFST UCOPX4	5U10 CA-34729	93.396	20,091
Cancer Control			
CUTHSCSA CU800817	5 U01 CA37429	93.399	2,274
CNSABP PFED22-CPR-01 ECO	NCI U10CA37377	93.399	402
Total Pass-through Programs: National Cancer Institute			<b>35,980</b>
<b>Nat. Inst. of General Medical Sciences</b>			
Biomedical Research and Research Training			
NYSBC CU52221002 SC2	5 U54 GM075026-02	93.859	-11,355
Total Pass-through Programs: Nat. Inst. of General Medical Sciences			<b>-11,355</b>
<b>Nat. Inst. of Child Health &amp; Human Dvlpt.</b>			
Child Health and Human Development Extramural Research			
GWU CU80049502 GOL	U01 DK61055	93.865	73,310
GWU CU80049502	U01 DK61055	93.865	-55
Total Pass-through Programs: Nat. Inst. of Child Health & Human Dvlpt.			<b>73,255</b>

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<u>Federal Grantor /Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
<b>National Heart, Lung, &amp; Blood Institute</b>			
Lung Diseases Research			
BHW CU80203002	5 U10 HL074227-05	93.838	165,982
BWH CU80210201	5 U01 HL074227-05	93.838	54,675
Total Pass-through Programs: National Heart, Lung, & Blood Institute			<b>220,657</b>
<b>Other NIH</b>			
Other NIH			
JDBCTR 801978-01	1 U01 DK074556-01	93.000	59
Extramural Research Programs in the Neurosciences and Neurological Disorders			
NYUMC 04-0612		93.853	38,939
Total Pass-through Programs: Other NIH			<b>38,998</b>
<b>Total: National Institute of Health</b>			<b>447,975</b>
<b>Grand Total: Department of Health &amp; Human Services</b>			<b>6,357,326</b>

**National Science Foundation**  
**Direct Awards**

**National Science Foundation**

Mathematical and Physical Sciences

DMS-03-12270

47.049

4,177

Education and Human Resources

SES-07-22472

47.076

65,619

Total Direct Award Programs: National Science Foundation

**69,796**

**Total: National Science Foundation**

**69,796**

**Department of Energy**  
**Pass-through Awards**

**Department of Energy**

Office of Science Financial Assistance Program

ARGNTL CU02770901

DOE

81.049

29,021

Nuclear Energy Research, Development and Demonstration

INEEL 00059351

DE-AC07-05ID14517

81.121

45,805

Total Pass-through Programs: Department of Energy

**74,826**

**Total: Department of Energy**

**74,826**

**Department of Defense**  
**Direct Awards**

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**For year ended June 30, 2008**

<u>Federal Grantor /Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
<b>Department of the Army</b>			
Other DOD			
DDEF N68171-07-1-000		12.420	142,459
Total Direct Award Programs: Department of the Army			<b>142,459</b>
<b>Department of the Navy</b>			
Basic and Applied Scientific Research			
N00014-05-1-0858 GFA		12.300	76,760
ONR CU02812001 GSS		12.300	74,660
N00014-06-1-1097 GFA		12.300	64,990
N00014-08-1-0214 GFA		12.300	63,458
N00014-08-1-0214 GAS		12.300	53,752
N00014-08-1-0214 GAD		12.300	33,588
N00014-08-1-0214 SSS		12.300	22,340
N00014-05-1-0858 HOS		12.300	16,053
N00014-08-1-0214 SAD		12.300	7,157
N00014-06-1-1097 GSS		12.300	5,563
N00014-08-1-0214 SFA		12.300	4,881
Total Direct Award Programs: Department of the Navy			<b>423,202</b>
<b>Pass-through Awards</b>			
<b>Other DOD</b>			
Scientific Research - Combating Weapons of Mass Destruction			
ALIANZACU51677307	NYS	12.352	207,582
Total Pass-through Programs: Other DOD			<b>207,582</b>
<b>Total: Department of Defense</b>			<b>773,243</b>
 <b>Department of Education</b>			
<b>Direct Awards</b>			
<b>Department of Education</b>			
National Resource Centers and Fellowships Program for Language, Area Studies, & Intl Studies Program			
DE P015A030106-04 PRI		84.015	1,855
DE P015A030106-05 PRI		84.015	1,200
DE P015A030106 PRI		84.015	-853
DE P015A030106-05 INS		84.015	-1,331
DE P015A030106 INS		84.015	-16,097
Total Direct Award Programs: Department of Education			<b>-15,226</b>
<b>Pass-through Awards</b>			
<b>Department of Education</b>			
Safe and Drug-Free Schools and Communities-National Programs			
NYCBE CU02681501		84.184	-6,209
Total Pass-through Programs: Department of Education			<b>-6,209</b>
<b>Total: Department of Education</b>			<b>-21,435</b>

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<u>Federal Grantor /Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
<b>Department of Agriculture</b>			
<b>Direct Awards</b>			
<b>Department of Agriculture</b>			
Department of Agriculture			
USDA 58-1275-7-370		10.000	53,169
Agricultural Research-Basic and Applied Research			
USDA 05JV11242328100		10.001	19,414
SFES 06JV11242300158		10.001	7,199
Grants for Agricultural Research-Competitive Research Grants			
USDA 2007-3560317738		10.206	72,189
Total Direct Award Programs:	Department of Agriculture		<b>151,971</b>
<b>Pass-through Awards</b>			
<b>Department of Agriculture</b>			
Agricultural and Rural Economic Research			
UWIS #F184844	USDA 43-3AEM-1-80034	10.250	21,633
UCR S-00000278		10.250	14,931
Total Pass-through Programs:	Department of Agriculture		<b>36,564</b>
<b>Total: Department of Agriculture</b>			<b>188,535</b>
<b>Department of Interior</b>			
<b>Direct Awards</b>			
<b>Department of Interior</b>			
Earthquake Hazards Reduction Program			
DI CU02457102		15.807	116,562
Total Direct Award Programs:	Department of Interior		<b>116,562</b>
<b>Pass-through Awards</b>			
<b>Department of Interior</b>			
Rivers, Trails and Conservation Assistance			
DI NPS H5284050018	DI N/A	15.921	28,027
Total Pass-through Programs:	Department of Interior		<b>28,027</b>
<b>Total: Department of Interior</b>			<b>144,589</b>
<b>Department of Justice</b>			
<b>Direct Awards</b>			
<b>Department of Justice</b>			
Community Prosecution and Project Safe Neighborhoods			
DJ106062		16.609	31,264
DJ #105062		16.609	19,483
DJ #103062		16.609	16,322
Total Direct Award Programs:	Department of Justice		<b>67,069</b>
<b>Total: Department of Justice</b>			<b>67,069</b>

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<u>Federal Grantor /Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
<b>Department of State</b>			
<b>Direct Awards</b>			
<b>Department of State</b>			
Department of State			
DS SLMAQM-02-H-0065 STA		19.000	-22,196
DS SLMAQM-02-H-0065 SLI		19.000	-61,143
DS SLMAQM-02-H-0065 SAD		19.000	-184,129
DS SLMAQM-02-H-0065 TFA		19.000	-281,468
DS SECAPE06GR150(CS)		19.000	53,343
DS SECAPE-05GR144DT		19.000	47,901
DS SECAPE04GR206 JJ		19.000	1,704
Department of State			
DS SLMAQM-07-GR-200 GSS		19.202	115,765
DS SLMAQM-03-H-0096 GS1		19.202	114,577
DS SLMAQM-05-GR-104 GFA		19.202	109,177
DS SLMAQM-07-GR-200 GFA		19.202	76,969
DS SLMAQM-07-GR-200 GAS		19.202	76,004
DS SLMAQM-07-GR-200 GAD		19.202	45,249
DS SLMAQM-03-H-0096 GS5		19.202	39,997
DS SLMAQM06GR176 GFA		19.202	36,850
DS SLMAQM-07-GR-200 SSS		19.202	32,333
DS SLMAQM-03-H-0096 S2		19.202	25,240
DS SLMAQM-03-H-0096 S1		19.202	22,085
DS SLMAQM-07-GR-200 SAD		19.202	9,621
DS SLMAQM-07-GR-200 SFA		19.202	6,877
DS SLMAQM-07-GR-200 GIT		19.202	4,302
DS SLMAQM-03-H-0096 GS3		19.202	3,175
DS SLMAQM06GR176 GSS		19.202	-375
DS SLMAQM-03-H-0096 GS2		19.202	-116,333
USAID Foreign Assistance for Programs Overseas			
DFD-A-00-05-00252-00		98.001	684,324
Total Direct Award Programs: Department of State			<b>839,849</b>
<b>Pass-through Awards</b>			
<b>Department of State</b>			
USAID Foreign Assistance for Programs Overseas			
ACDI CU02468701	AFP-A-00-0300003-00	98.001	-3,381
USAID Development Partnerships for University Cooperation and Development			
RI CU08-7845	AID267A00070050400	98.012	164,461
Total Pass-through Programs: Department of State			<b>161,080</b>
<b>Total: Department of State</b>			<b>1,000,929</b>

**Environmental Protection Agency**  
**Direct Awards**

**Environmental Protection Agency**

Environmental Protection Agency			
EPA SU-83318301		66.516	4,017

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Surveys, Studies, Investigations and Special Purpose Grants within the Office of the Administrator EPA X1-96982901		66.610	27,248
Total Direct Award Programs: Environmental Protection Agency			<b>31,265</b>
<b>Total: Environmental Protection Agency</b>			<b>31,265</b>
<b>Federal Government</b>			
<b>Pass-through Awards</b>			
<b>Other Federal</b>			
Other Federal GMISC CU02631601		99.999	31,612
Total Pass-through Programs: Other Federal			<b>31,612</b>
<b>Total: Federal Government</b>			<b>31,612</b>
<b>Nat. Endowment for the Arts &amp; Humanities</b>			
<b>Direct Awards</b>			
<b>Nat. Endowment for the Arts &amp; Humanities</b>			
Promotion of the Arts-Grants to Organizations and Individuals			
NEA 07-3100-7002		45.024	2,500
Promotion of the Humanities-Division of Preservation and Access			
NEH PM-50023-07		45.149	212,958
NEH PA-24053-03		45.149	70,357
NEH PC-50075-07		45.149	46,871
NEH #PA-51388-05		45.149	806
NEH PA-50605-04		45.149	-10,421
Promotion of the Humanities-Professional Development			
NEH AZ-50012-07		45.163	87,712
NEH FS-50096-06		45.163	51,971
Nat. Endowment for the Arts & Humanities			
NEH EE-50050-04		45.167	55,174
Total Direct Award Programs: Nat. Endowment for the Arts & Humanities			<b>517,928</b>
<b>Pass-through Awards</b>			
<b>Nat. Endowment for the Arts &amp; Humanities</b>			
Promotion of the Humanities-Division of Preservation and Access			
UMICHG #F013221	NEH PA-51204-05	45.149	4,138
Total Pass-through Programs: Nat. Endowment for the Arts & Humanities			<b>4,138</b>
<b>Total: Nat. Endowment for the Arts &amp; Humanities</b>			<b>522,066</b>
<b>Other Agencies / Gov't</b>			
<b>Direct Awards</b>			
<b>National Archives and Records Administration</b>			
National Historical Publications and Records Grants			
NAR07-PH-10011-07		89.003	132,066
NHPRC NAR06GRANT-084		89.003	-1

**The Trustees of Columbia University in the City of New York**  
**Supplemental Schedule of Expenditures of Federal Awards**  
**For year ended June 30, 2008**

<u>Federal Grantor /Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
Total Direct Award Programs: National Archives and Records Administration			<b>132,065</b>
<b>Japan US Friendship Commission</b>			
Japan-US Friendship Commission Grants			
JAPUS #04-55		90.300	494
Total Direct Award Programs: Japan US Friendship Commission			<b>494</b>
<b>Pass-through Awards</b>			
<b>Social Security Administration</b>			
Social Security-Research and Demonstration			
BCOL 926-3 SANDELL	SSA 10-P-98361-1-04	96.007	39,997
Total Pass-through Programs: Social Security Administration			<b>39,997</b>
<b>Total: Other Agencies / Gov't</b>			<b>172,556</b>
<b>Total: OTHER NON-MAJOR PROGRAMS</b>			<b>9,412,377</b>
<b>OTHER NON-MAJOR PROGRAMS (Other Sponsored Training)</b>			
<b>Department of Health &amp; Human Services</b>			
<b>Direct Awards</b>			
<b>Health Resources &amp; Services Admin</b>			
Nurse Anesthetist Traineeships			
2 A22 HP00047-07-00		93.124	24,980
AIDS Education and Training Centers			
6 H4A HA 00071-05-01		93.145	1,160,595
5 U20 HRSA HA06172-0		93.145	145,776
5 U20 HRSA HA06172-0		93.145	142,890
Public Health Training Centers Grant Program			
5 D20 HP00016-07-00		93.249	200,110
2 D20 HP00016-06-00		93.249	193,026
Nurse Education, Practice and Retention Grants			
5 D11 HP07346-02-00		93.359	229,626
1 T10 HP07697-01-00		93.359	17,714
1 D11 HP07346-01-00		93.359	10,176
Grants for Training in Primary Care Medicine and Dentistry			
5 D55 HP00027-06-00		93.884	6,408
Scholarships for Health Professions Students from Disadvantaged Backgrounds			
2 T08 HP04914-03-00		93.925	210,373
Public Health Traineeships			
5 A03 HP01173-12-00		93.964	107,377
Bioterrorism Training and Curriculum Development Program			



**The Trustees of Columbia University in the City of New York**  
**Supplemental Schedule of Expenditures of Federal Awards**  
**For year ended June 30, 2008**

<u>Federal Grantor /Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
5 T01 HP01411-04-00		93.996	787,643
Total Direct Award Programs: Health Resources & Services Admin			<b>3,236,694</b>
<b>Health Resources &amp; Services Admin-BHP</b>			
Advanced Education Nursing Traineeships			
2 A10 HP00142-07-00		93.358	8,708
Total Direct Award Programs: Health Resources & Services Admin-BHP			<b>8,708</b>
<b>Center for Disease Control</b>			
Innovations in Applied Public Health Research			
1 R36 DP001163-01		93.061	26,881
1 R36 DP001175-01		93.061	24,697
1 R36 SH000004-01		93.061	805
Centers for Genomics and Public Health			
5 K01 DP000087-03		93.063	63,024
Center for Disease Control			
1 R36 DP001161-01		93.930	28,805
Total Direct Award Programs: Center for Disease Control			<b>144,212</b>
<b>Other DHHS (Non-NIH)</b>			
Centers for Disease Control and Prevention-Investigations and Technical Assistance			
U90/CCU224241-04		93.283	722,461
U90/CCU224241-03-1		93.283	237,432
Total Direct Award Programs: Other DHHS (Non-NIH)			<b>959,893</b>
<b>Pass-through Awards</b>			
<b>Health Resources &amp; Services Admin</b>			
Geriatric Education Centers			
MSSM 0253-6151-4609		93.969	68,658
Total Pass-through Programs: Health Resources & Services Admin			<b>68,658</b>
<b>Center for Disease Control</b>			
Center for Disease Control			
APTAR CU52303001	CDC	93.000	50,659
Project Grants and Cooperative Agreements for Tuberculosis Control Programs			
UMDNJ CU5212803	5 CDC U52-CCU200506	93.116	155,935
NJDH CU5212803	5CDC	93.116	4,987
Total Pass-through Programs: Center for Disease Control			<b>211,581</b>
<b>Total: Department of Health &amp; Human Services</b>			<b>4,629,746</b>

**National Institute of Health**  
**Direct Awards**

**Nat. Inst. of General Medical Sciences**

Biomedical Research and Research Training

**The Trustees of Columbia University in the City of New York**  
**Supplemental Schedule of Expenditures of Federal Awards**  
**For year ended June 30, 2008**

<u>Federal Grantor /Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
GM078840-01		93.859	15,417
Total Direct Award Programs: Nat. Inst. of General Medical Sciences			<b>15,417</b>
<b>National Heart, Lung, &amp; Blood Institute</b>			
Heart and Vascular Diseases Research			
2 T32 HL007854-11		93.837	-2,432
Total Direct Award Programs: National Heart, Lung, & Blood Institute			<b>-2,432</b>
<b>Fogarty International Center</b>			
Fogarty International Center			
5 D43 TW005724-05		93.983	223
Total Direct Award Programs: Fogarty International Center			<b>223</b>
<b>Pass-through Awards</b>			
<b>Nat. Inst. of Arthritis &amp; Muscul. &amp; Skin Disease</b>			
Arthritis, Musculoskeletal and Skin Diseases Research			
NSLIJHS 08-0110		93.846	34,348
Total Pass-through Programs: Nat. Inst. of Arthritis & Muscul. & Skin Disease			<b>34,348</b>
<b>Nat. Inst. of Neurological Disorder &amp; Stroke</b>			
Nat. Inst. of Neurological Disorder & Stroke			
HMS CU52296801	1NINDS	93.000	53,430
Total Pass-through Programs: Nat. Inst. of Neurological Disorder & Stroke			<b>53,430</b>
<b>Fogarty International Center</b>			
International Research and Research Training			
AIDS INTERNATIONAL TRNG AND RESEARCH PGRMS	5 D43 TW000018-20	93.989	108,752
UCHICA CU52190203	5 R01 D43 TW06221	93.989	60,560
Total Pass-through Programs: Fogarty International Center			<b>169,312</b>
<b>National Library of Medicine</b>			
Medical Library Assistance			
MSSM CU52065804	5 N01-LM-3-3504	93.879	31,176
Total Pass-through Programs: National Library of Medicine			<b>31,176</b>
<b>Other NIH</b>			
Other NIH			
SLRIHS CU52257701	5 P01 NS031492-14	93.000	5,070
Total Pass-through Programs: Other NIH			<b>5,070</b>
<b>Total: National Institute of Health</b>			<b>306,544</b>
<b>Grand Total: Department of Health &amp; Human Services</b>			<b>4,936,290</b>

**National Science Foundation**  
**Direct Awards**

**The Trustees of Columbia University in the City of New York**  
**Supplemental Schedule of Expenditures of Federal Awards**  
**For year ended June 30, 2008**

<u>Federal Grantor /Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
<b>National Science Foundation</b>			
National Science Foundation			
EEC-06-01984 PR		47.042	70,330
EEC-06-01984 A		47.042	32,787
Mathematical and Physical Sciences			
CHE-04-53178		47.049	35,131
AST-06-02099		47.049	6,012
NSF CU52237902		47.049	370
Geosciences			
OCE-04-52457		47.050	38,757
Biological Sciences			
MCB-07-49710		47.074	38,570
DEB-05-27975		47.074	4,414
Social, Behavioral, and Economic Sciences			
BCS-00-94309		47.075	14,805
SES-07-20270		47.075	12,000
SES-07-20275		47.075	12,000
SES-07-19989		47.075	10,057
SES-0752232		47.075	4,658
SES-05-26353		47.075	-11
Education and Human Resources			
DGE-03-33418		47.076	780,203
DGE-02-21041 PR		47.076	507,580
DGE-02-21041 SCI		47.076	34
DGE-02-02339 F02		47.076	-169,536
Polar Programs			
ANT-05-27946		47.078	10,000
Total Direct Award Programs: National Science Foundation			<b>1,408,161</b>
<b>Pass-through Awards</b>			
<b>National Science Foundation</b>			
Education and Human Resources			
RFCUNY #404340001A	DGE-02-21589	47.076	163,328
RFCUNY 40485-0001C	DGE-03-33415	47.076	119,258
Total Pass-through Programs: National Science Foundation			<b>282,586</b>
<b>Total: National Science Foundation</b>			<b>1,690,747</b>

**National Aeronautics & Space Administration**  
**Direct Awards**

**National Aeronautics & Space Administration**

Aerospace Education Services Program

NNX07AP74A	GRA	43.001	43,730
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**The Trustees of Columbia University in the City of New York**  
**Supplemental Schedule of Expenditures of Federal Awards**  
**For year ended June 30, 2008**

<u>Federal Grantor /Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
Total Direct Award Programs: National Aeronautics & Space Administration			<b>43,730</b>
<b>Total: National Aeronautics &amp; Space Administration</b>			<b>43,730</b>

**Department of Energy**  
**Pass-through Awards**

**Department of Energy**

Office of Science Financial Assistance Program

BNL #122048

DE-AC02-98CH10886

81.049

6,888

Total Pass-through Programs: Department of Energy

**6,888**

**Total: Department of Energy**

**6,888**

**Department of Defense**  
**Direct Awards**

**Department of the Army**

Military Medical Research and Development

W81XWH-06-1-0001

12.420

46,282

DA AMRDCW91ZQ6217N62

12.420

35,877

W81XWH-04-1-0829

12.420

34,072

W81XWH-06-1-0323

12.420

31,250

DAAMRDCW81XWH0610355

12.420

26,966

DAMD W81XWH-04-1-017

12.420

683

DAAMRDCW81XWH0410350

12.420

-120

TARDEC W56HZV-04-P-L

12.420

-2,796

DAMD17-03-1-0218

12.420

-5,180

DA DAMD17 W81XWH0410

12.420

-15,237

Total Direct Award Programs: Department of the Army

**151,797**

**Department of the Navy**

Basic and Applied Scientific Research

N00014-04-1-0427 S1

12.300

120,560

N00014-04-1-0427 S2

12.300

63,360

N00014-03-1-0986 S1

12.300

34,662

N00014-05-1-0309 GS4

12.300

21,171

N00014-03-1-0986 GS3

12.300

3,063

N00014-05-1-0309 GS6

12.300

-1,112

Total Direct Award Programs: Department of the Navy

**241,704**

**Other DOD**

Military Medical Research and Development

W81XWH-07-1-0401

12.420

83,983

Total Direct Award Programs: Other DOD

**83,983**

**Total: Department of Defense**

**477,484**

**The Trustees of Columbia University in the City of New York**  
**Supplemental Schedule of Expenditures of Federal Awards**  
**For year ended June 30, 2008**

<u>Federal Grantor /Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
<b>Department of Education</b>			
<b>Direct Awards</b>			
<b>Department of Education</b>			
National Resource Centers and Fellowships Program for Language, Area Studies, & Intl Studies Program			
DE P015B060025		84.015	249,811
DE P015B060078-07		84.015	238,221
DE P015B060127-07		84.015	212,779
DE P015A060078-07		84.015	166,985
DE P015B060144-07		84.015	163,100
DE P015B060078		84.015	130,362
DE P015B060002-07 A		84.015	128,505
DE P015A060101-07 PRI		84.015	119,994
DE P015A060127-07 INS		84.015	95,060
DE P015A060144-07 PR		84.015	86,731
DE P015A060127-07 CTR		84.015	85,419
DE P015A060025-07 INS		84.015	74,125
DE P015A060144-07 LIB		84.015	71,432
DE P015A060101-07 INS		84.015	59,504
DE P015A060025-07 OUT		84.015	43,174
DE P015A060025-07 PRI		84.015	39,417
DE P015A060101-07 LIB		84.015	39,086
DE P015A060127-07 LIB		84.015	37,908
DE P015A060025-07 LIB		84.015	37,063
DE P015A060078-07 INS		84.015	33,190
DE P015A060078-07 LIB		84.015	17,115
DE P015A060144 INS		84.015	14,238
DE P015B060144		84.015	13,412
DE P015A060144-07 OUT		84.015	12,585
DE P015A060144-07 SYP		84.015	10,551
DE P015B060127		84.015	8,950
DE P015A060025 LIB		84.015	7,534
DE P015B060002		84.015	4,637
DE P015B060025		84.015	3,795
DE P015A060025-07 EAL		84.015	3,758
DE P015A060025 EAL		84.015	2,196
DE P015A060025 PRI		84.015	1,561
DE P015B030026-05		84.015	580
DE P015A060025 OUT		84.015	555
DE P015A030150-05 PR		84.015	16
DE P015A060025 INS		84.015	-1,369
<b>Overseas-Doctoral Dissertation</b>			
DE P022A070058		84.022	140,504
DE P022A60038		84.022	44,771
DE P022A050041		84.022	-3,516
<b>Fund for the Improvement of Postsecondary Education</b>			
P116B041314		84.116	72,836
<b>Javits Fellowships</b>			
DE P170B050022-07		84.170	75,894
P170B070032		84.170	42,627
DE P170B040030-07		84.170	42,627
DE P170B030003-07		84.170	42,454
<b>Centers for International Business Education</b>			

**The Trustees of Columbia University in the City of New York**  
**Supplemental Schedule of Expenditures of Federal Awards**  
**For year ended June 30, 2008**

<u>Federal Grantor /Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
DE P220A060005 OTP		84.220	112,277
DE P220A060005-07 INS		84.220	61,763
DE P220A060005-07 CHZ		84.220	59,946
DE P220A060005-07 OTP		84.220	59,441
DE P220A060005-07 CHZ		84.220	54,702
DE P220A060005 CHZ		84.220	16,652
Total Direct Award Programs: Department of Education			<b>3,034,958</b>
<b>Pass-through Awards</b>			
<b>Department of Education</b>			
National Resource Centers and Fellowships Program for Language, Area Studies, & Intl Studies Program			
NYU F6014-01	DE-P015B060168-01	84.015	100,715
NYU F6025-01 CTR	DE-P015A6018-01	84.015	61,664
NYU F6025-01 INS	DE-P015A6018-01	84.015	37,642
NYU F6025-01 LIB	DE-P015A6018-01	84.015	5,350
NYU F6014-01	DE-P015B060168-01	84.015	4,426
NYU F5504-01 A2	DE P015B030176-01	84.015	-5,751
Career and Technical Education -- Basic Grants to States			
FSW CU02831201	DE	84.048	9,333
Total Pass-through Programs: Department of Education			<b>213,379</b>
<b>Total: Department of Education</b>			<b>3,248,337</b>
 <b>Department of Justice</b>			
<b>Direct Awards</b>			
<b>Department of Justice</b>			
Department of Justice			
NIJ 2006-IJ-CX-0003		16.000	16,000
Total Direct Award Programs: Department of Justice			<b>16,000</b>
<b>Total: Department of Justice</b>			<b>16,000</b>
 <b>Department of State</b>			
<b>Direct Awards</b>			
<b>Department of State</b>			
Department of State			
DS SLMAQM-04GR180 GIT		19.202	8,594
Total Direct Award Programs: Department of State			<b>8,594</b>
<b>Pass-through Awards</b>			
<b>Department of State</b>			
Educational Exchange-Graduate Students			
IIE CU02791101	DS	19.400	49,900
Total Pass-through Programs: Department of State			<b>49,900</b>
<b>Total: Department of State</b>			<b>58,494</b>

**The Trustees of Columbia University in the City of New York**  
**Supplemental Schedule of Expenditures of Federal Awards**  
**For year ended June 30, 2008**

<u>Federal Grantor /Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
<b>Dept. of Housing &amp; Urban Development</b>			
<b>Direct Awards</b>			
<b>Dept. of Housing &amp; Urban Development</b>			
General Research and Technology Activity			
HUD H-21541SG		14.506	23,195
Total Direct Award Programs: Dept. of Housing & Urban Development			<b>23,195</b>
<b>Total: Dept. of Housing &amp; Urban Development</b>			<b>23,195</b>
<b>Environmental Protection Agency</b>			
<b>Direct Awards</b>			
<b>Environmental Protection Agency</b>			
Greater Research Opportunities Fellowships For Undergraduate/Graduate Environmental Study			
EPA FP-91638101-2		66.513	-44
Science To Achieve Results Fellowship Program			
EPA FP-91688701-0		66.514	12,388
FP-91658001-0		66.514	6,437
FP - 91642601-0		66.514	5,004
EPA FP-91689801-0		66.514	2,878
EPA FP-91637401-2		66.514	2,021
Total Direct Award Programs: Environmental Protection Agency			<b>28,684</b>
<b>Pass-through Awards</b>			
<b>Environmental Protection Agency</b>			
Long Island Sound Program			
SUNYRF 3018710352742		66.437	16,155
Total Pass-through Programs: Environmental Protection Agency			<b>16,155</b>
<b>Total: Environmental Protection Agency</b>			<b>44,839</b>
<b>Nat. Endowment for the Arts &amp; Humanities</b>			
<b>Direct Awards</b>			
<b>Nat. Endowment for the Arts &amp; Humanities</b>			
Promotion of the Arts-Grants to Organizations and Individuals			
NEA DCA 07-08		45.024	169,538
NEA DCA 06-20		45.024	143,779
NEA 06-7700-220		45.024	7,922
Promotion of the Humanities-Fellowships and Stipends			
NEH FA-53223-07		45.160	40,006
Promotion of the Humanities-Research			
NEH RZ-20833-02		45.161	1,368
Total Direct Award Programs: Nat. Endowment for the Arts & Humanities			<b>362,613</b>
<b>Total: Nat. Endowment for the Arts &amp; Humanities</b>			<b>362,613</b>
<b>Other Agencies / Gov't</b>			

**The Trustees of Columbia University in the City of New York**  
**Supplemental Schedule of Expenditures of Federal Awards**  
**For year ended June 30, 2008**

<u>Federal Grantor / Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
<b>Direct Awards</b>			
<b>Japan US Friendship Commission</b>			
Japan-US Friendship Commission Grants			
JAPUS 07-31		90.300	20,557
Total Direct Award Programs:	Japan US Friendship Commission		<b>20,557</b>
<b>Pass-through Awards</b>			
<b>United States Agency for International Dvlpt.</b>			
United States Agency for International Dvlpt.			
UMARY 105/802-05-78	AID AEPI 00000001200	98.000	-2,607
Total Pass-through Programs:	United States Agency for International Dvlpt.		<b>-2,607</b>
<b>Total: Other Agencies / Gov't</b>			<b>17,950</b>
<b>Total: OTHER NON-MAJOR PROGRAMS (Other Sponsored Training)</b>			<b>10,926,567</b>
<b>HIGHWAY SAFETY CLUSTER</b>			
<b>Department of Transportation</b>			
<b>Pass-through Awards</b>			
<b>Department of Transportation</b>			
State and Community Highway Safety			
SNYGTSC C-001227		20.600	43,251
SNYGTSC C-001711		20.600	39,401
Total Pass-through Programs:	Department of Transportation		<b>82,652</b>
<b>Total: Department of Transportation</b>			<b>82,652</b>
<b>Total: HIGHWAY SAFETY CLUSTER</b>			<b>82,652</b>
<b>TRIO CLUSTER</b>			
<b>Department of Education</b>			
<b>Direct Awards</b>			
<b>Department of Education</b>			
TRIO-Talent Search			
DE P044A060143-07		84.044	379,575
TRIO-Upward Bound			
DE P047A040986		84.047	792,244
DE P047A080458		84.047	6,227
TRIO-McNair Post-Baccalaureate Achievement			
DE P217A030194-06 A01		84.217	111,840
DE P217A070257		84.217	73,700
Total Direct Award Programs:	Department of Education		<b>1,363,586</b>



**The Trustees of Columbia University in the City of New York**  
**Supplemental Schedule of Expenditures of Federal Awards**  
**For year ended June 30, 2008**

<u>Federal Grantor /Pass-through Grantor / Project Number</u>	<u>Contract Number</u>	<u>CFDA No.</u>	<u>Expenditures</u>
<b>Total: Department of Education</b>			<b>1,363,586</b>
<b>Total: TRIO CLUSTER</b>			<b>1,363,586</b>
<b>MEDICAID CLUSTER</b>			
<b>National Institute of Health</b>			
<b>Pass-through Awards</b>			
<b>Other NIH</b>			
Other NIH			
SDH C-019882	CENTERS FOR MEDICARE AND MEDICAID SERVICES	93.778	55,910
SDH C019882	CENTERS FOR MEDICARE AND MEDICAID SERVICES	93.778	16,275
Total Pass-through Programs: Other NIH			<b>72,185</b>
<b>Total: National Institute of Health</b>			<b>72,185</b>
<b>Grand Total: Department of Health &amp; Human Services</b>			<b>72,185</b>
<b>Total: MEDICAID CLUSTER</b>			<b>72,185</b>
<b>FOREIGN FOOD DONATION CLUSTER</b>			
<b>Department of State</b>			
<b>Pass-through Awards</b>			
<b>Department of State</b>			
Food for Peace Development Assistance Program			
ACDI AFPA000600140 AB1	AFP-A-00-03-00036-00	98.007	69,049
Total Pass-through Programs: Department of State			<b>69,049</b>
<b>Total: Department of State</b>			<b>69,049</b>
<b>Other Agencies / Gov't</b>			
<b>Pass-through Awards</b>			
<b>United States Agency for International Dvlpt.</b>			
Food for Peace Development Assistance Program			
ADPC CT-01-04	AID DFD-A-00-03-0005-00	98.007	86,021
FHI CU52199301	HRN-A-00-97-00017-00	98.007	-1,035
POPC AI05.60A	HRN-A-00-98-00012-00	98.007	-3,486
Total Pass-through Programs: United States Agency for International Dvlpt.			<b>81,500</b>
<b>Total: Other Agencies / Gov't</b>			<b>81,500</b>
<b>Total: FOREIGN FOOD DONATION CLUSTER</b>			<b>150,549</b>
<b>Grand Total Federal Award Expenditures:</b>			<b>\$633,280,596</b>

**The Trustees of Columbia University in the City of New York**  
**Notes to Summary Schedule of Expenditures of Federal Awards**  
**Year ended June 30, 2008 (expenditures in thousands)**

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**1. Basis of Presentation**

The accompanying supplemental schedule of expenditures of federal awards (the "Schedule") has been prepared in accordance with OMB Circular A-133, Audits of States, Local Governments, and Non-Profit Organizations. The purpose of the Schedule is to present a summary of those activities of The Trustees of Columbia University in the City of New York (the "University") for the year ended June 30, 2008, which have been financed by the U.S. Government ("federal awards"). For purposes of the Schedule, federal awards include all federal assistance entered into directly between the University and the federal government and also between the University and other primary recipients of federal government funds (pass-through), recorded on the accrual basis of accounting. Negative amounts listed on the Schedule represent adjustments, in the normal course of business, to amounts included on the prior year's Schedule. The contract number on the Schedule represents the University's identification number assigned to each government program and the pass-through grantor/project number on the Schedule represents the identification number assigned to the applicable program by the Federal or pass-through agency. CFDA numbers and pass-through numbers are provided when available.

**2. Official Agency Names**

Full names of the sponsoring agencies included on the accompanying schedules are as follows:

DHHS	Department of Health & Human Services
NSF	National Science Foundation
Defense	Department of Defense
	Department of the Army
	Department of the Navy
	Department of the Air Force
	Research and Technology Development
NASA	National Aeronautics & Space Administration
NIH	National Institute of Health
Commerce	Department of Commerce
CDC	Center for Disease Control
Energy	Department of Energy
Education	Department of Education
Other Agencies	Other federal government agencies:
	Central Intelligence Agency
	Department of Agriculture
	Department of Housing & Urban Development
	Department of the Interior
	Department of Justice
	Department of State
	Department of Transportation
	Environmental Protection Agency
	Japan US Friendship Commission
	National Endowment for the Arts and Humanities
	National Archives and Records Administration
	National Foundation on the Arts & Humanities
	State/City Government
	United States Agency for International Development
	United States Institute of Peace

**The Trustees of Columbia University in the City of New York**  
**Notes to Summary Schedule of Expenditures of Federal Awards**  
**Year ended June 30, 2008 (expenditures in thousands)**

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**Subrecipient**

During fiscal year 2008, the University provided \$82,993 to subrecipients in the following programs:

Research and development	\$ 49,534
HIV Demonstration, Research, Public and Professional Education Projects	\$ 13,792
Other	\$ 18,126

**3. Facility and Administrative Costs**

The University's negotiated predetermined cost rates for the year ended June 30, 2008 were as follows:

	<b>Rate</b>
All campuses, excluding Lamont-Doherty Earth Observatory	
On-campus	61.0 %
Off-campus	26.0 %
Off-campus modified	29.4 %
Lamont-Doherty Earth Observatory	
On-campus	51.0 %
Off-campus	26.0 %
Off-campus modified	29.4 %
Other sponsored activity	
On-campus	31.0 %
Off-campus	26.0 %

**4. Guaranteed Student Loan Programs**

The University does not guarantee any federal loan funds related to the loan programs, but instead, processes and authorizes loans to students which are guaranteed by the federal government and granted ultimately by banks.

The University offers student financial assistance through the following guaranteed student loan programs:

<b>Federal Agency</b>	<b>Federal Family Education Loan Programs</b>	<b>Federal CFDA No.</b>	<b>Loans Issued for the year ended June 30, 2008</b>
Education	Federal Subsidized Stafford Loan Program	84.032	\$ 61,380
Education	Federal Unsubsidized Stafford Loan Program	84.032	\$ 87,180
Education	Federal Plus Loan Program	84.032	\$ 13,887
Education	Federal Graduate Plus Loan	84.032	\$ 58,492

**The Trustees of Columbia University in the City of New York**  
**Notes to Summary Schedule of Expenditures of Federal Awards**  
**Year ended June 30, 2008 (expenditures in thousands)**

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**5. Student Loan Programs**

The University administers the following loan programs:

<u>Federal Agency</u>	<u>Program</u>	<u>Federal CFDA No.</u>	<u>Loans issued for year ended June 30, 2008</u>	<u>Outstanding Principal Balance at June 30, 2008</u>
Education	Perkins Loan	84.038	\$ 13,399	\$ 64,918
DHHS	Health Professionals	93.342	976	5,518
DHHS	Nursing Student	93.364	322	1,101

**6. Other Federal Loans**

The University also has two loans from the U.S. Department of Education for \$3,480 in connection with housing programs. The loans bear interest rates from 3.0% to 5.5% and mature in 2020 and 2021.

The federally approved administrative cost allowed under the Title IV program for Federal Work Study, Federal Perkins and Federal SEOG for the fiscal year ending June 30, 2008 was \$778. This expense was charged to one program, the Federal Work Study program. The administrative cost allowance is determined as a percentage of the total program expenditures. The formula permits administrative cost charge at 4.5% of the first \$5,500 expended and 3% on expenditures over \$5,500.

**Report of Independent Auditors on Internal Control Over Financial Reporting and on Compliance and Other Matters Based on an Audit of Financial Statements Performed in Accordance with Government Auditing Standards**

To The Trustees of Columbia University in the City of New York:

We have audited the financial statements of The Trustees of Columbia University in the City of New York ("the "University") as of and for the year ended June 30, 2008, and have issued our report thereon dated October 10, 2008, which included an explanatory paragraph related to the change in its accounting for cash distributions from certain investments in the statement of cash flows, and the fiscal 2007 change in the manner in which its accounts for defined benefit and postretirement plans. We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in Government Auditing Standards, issued by the Comptroller General of the United States.

Internal Control Over Financial Reporting

In planning and performing our audit, we considered the University's internal control over financial reporting as a basis for designing our auditing procedures for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the University's internal control over financial reporting. Accordingly, we do not express an opinion on the effectiveness of the University's internal control over financial reporting.

A control deficiency exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent or detect misstatements on a timely basis. A significant deficiency is a control deficiency, or combination of control deficiencies, that adversely affects the entity's ability to initiate, authorize, record, process, or report financial data reliably in accordance with generally accepted accounting principles such that there is more than a remote likelihood that a misstatement of the entity's financial statements that is more than inconsequential will not be prevented or detected by the entity's internal control.

A material weakness is a significant deficiency, or combination of significant deficiencies, that results in more than a remote likelihood that a material misstatement of the financial statements will not be prevented or detected by the entity's internal control.

Our consideration of internal control over financial reporting was for the limited purpose described in the first paragraph of this section and would not necessarily identify all deficiencies in internal control that might be significant deficiencies or material weaknesses. We did not identify any deficiencies in internal control over financial reporting that we consider to be material weaknesses, as defined above.

Compliance and Other Matters

As part of obtaining reasonable assurance about whether the University's financial statements are free of material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit and, accordingly, we do not express

such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under Government Auditing Standards.

We noted certain other matters that we reported to management of the University in separate letters dated October 10, 2008 and February 10, 2009.

This report is intended solely for the information and use of the University's audit committee, management, federal awarding agencies and pass-through entities and is not intended to be and should not be used by anyone other than those specified parties.

*PricewaterhouseCoopers LLP*

New York, New York  
October 10, 2008

**Report of Independent Auditors on Compliance with Requirements  
Applicable to Each Major Program and on Internal Control Over Compliance  
in Accordance with OMB Circular A-133**

To The Trustees of Columbia University in the City of New York:

Compliance

We have audited the compliance of The Trustees of Columbia University in the City of New York (the "University") with the types of compliance requirements described in the U.S. Office of Management and Budget (OMB) Circular A-133 Compliance Supplement that are applicable to each of its major federal programs for the year ended June 30, 2008, except as described in the second paragraph of this report. The University's major federal programs are identified in the summary of auditor's results section of the accompanying schedule of findings and questioned costs. Compliance with the requirements of laws, regulations, contracts and grants applicable to each of its major federal programs is the responsibility of the University's management. Our responsibility is to express an opinion on the University's compliance based on our audit.

We did not audit the University's compliance with the functions of billing, collection, processing deferments and due diligence compliance requirements specified by the Federal Perkins Loan Program ("Perkins Loan") and described in the OMB Circular A-133 Compliance Supplement. Compliance with these requirements was audited by other auditors whose report thereon has been furnished to us, and our opinion expressed herein, insofar as it relates to The Trustees of Columbia University in the City of New York's compliance with those requirements, is based solely on the report of the other auditors.

We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America; the standards applicable to financial audits contained in Government Auditing Standards, issued by the Comptroller General of the United States; and OMB Circular A-133, Audits of States, Local Governments, and Non-Profit Organizations. Those standards and OMB Circular A-133 require that we plan and perform the audit to obtain reasonable assurance about whether noncompliance with the types of compliance requirements referred to above that could have a direct and material effect on a major federal program occurred. An audit includes examining, on a test basis, evidence about the University's compliance with those requirements and performing such other procedures as we considered necessary in the circumstances. We believe that our audit provides a reasonable basis for our opinion. Our audit does not provide a legal determination of the University's compliance with those requirements.

In our opinion based upon our audit and the report of other auditors, the University complied, in all material respects, with the requirements referred to above that are applicable to each of its major federal programs for the year ended June 30, 2008. However, the results of our auditing procedures also disclosed other instances of noncompliance with those requirements, which are required to be reported in accordance with OMB Circular A-133 and which are described in the accompanying schedule of findings and questioned costs as items 08-1 through 08-3.

## Internal Control Over Compliance

The management of the University is responsible for establishing and maintaining effective internal control over compliance with the requirements of laws, regulations, contracts and grants applicable to federal programs. In planning and performing our audit, we considered the University's internal control over compliance with requirements that could have a direct and material effect on a major federal program in order to determine our auditing procedures for the purpose of expressing our opinion on compliance but not for the purpose of expressing an opinion on the effectiveness of internal control over compliance in accordance with OMB Circular A-133. Accordingly, we do not express an opinion on the effectiveness of the University's internal control over compliance.

We did not consider internal control over compliance with the functions of billing, collection, processing deferments and due diligence compliance requirements specified by the Perkins Loan and described in the OMB Circular A-133 Compliance Supplement. Internal control over these compliance requirements was considered by the other auditors referred to above; and our report, insofar as it relates to the University's internal control over those compliance requirements, is based solely upon the report of the other auditors.

A control deficiency in an entity's internal control over compliance exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent or detect noncompliance with a type of compliance requirement of a federal program on a timely basis. A significant deficiency is a control deficiency, or combination of control deficiencies, that adversely affects the entity's ability to administer a federal program such that there is more than a remote likelihood that noncompliance with a type of compliance requirement of a federal program that is more than inconsequential will not be prevented or detected by the entity's internal control.

A material weakness is a significant deficiency, or combination of significant deficiencies, that results in more than a remote likelihood that material noncompliance with a type of compliance requirement of a federal program will not be prevented or detected by the entity's internal control. Our consideration and the other auditors' consideration of the internal control over compliance was for the limited purpose described in the first paragraph of this section and would not necessarily identify all deficiencies in internal control that might be significant deficiencies or material weaknesses. We did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses, as defined above. Also, the report of the other auditors did not identify any deficiencies in internal control over compliance that they consider to be material weaknesses, as defined above.

The University's response to the findings identified in our audit are described in the accompanying schedule of findings and questioned costs. We did not audit the University's response and accordingly, we express no opinion on it.

We noted certain other matters that we reported to management of the University in separate letters dated October 10, 2008 and February 10, 2009.

This report is intended solely for the information and use of the University's audit committee, management, federal awarding agencies and pass-through entities and is not intended to be and should not be used by anyone other than those specified parties.

A handwritten signature in black ink that reads "PricewaterhouseCoopers LLP". The signature is written in a cursive, flowing style.

New York, New York  
February 10, 2009



**The Trustees of Columbia University in the City of New York**  
**Schedule of Findings and Questioned Costs**  
**For the year ended June 30, 2008**

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**Section I—Summary of Independent Auditors' Results**

**Financial Statements**

Type of independent auditors' report issued: Unqualified

Internal control over financial reporting:  
 Material weakness(es) identified? \_\_\_\_\_ yes  X  no

Significant deficiencies(s) identified that are not  
 considered to be material weaknesses? yes  X  no

Noncompliance material to financial statements noted? \_\_\_\_\_ yes  X  no

**Federal Awards**

Internal Control over major programs:  
 Material weakness(es) identified? \_\_\_\_\_ yes  X  no

Significant deficiencies(s) identified that are not considered  
 to be material weaknesses \_\_\_\_\_ yes  X  no

Type of independent auditors' report issued on compliance  
 for major programs: Unqualified

Any audit findings disclosed that are required to be  
 reported in accordance with Circular A-133 (section .510(a))?  X  yes \_\_\_\_\_ no

Identification of major programs:

<u>CFDA Number(s)</u>	<u>Name of Federal Program or Cluster</u>
Various	Research and Development Cluster
Various	Student Financial Assistance Cluster
93.941	HIV Demonstration, Research, Public and Professional Education Projects
93.943	Epidemiologic Research Studies of AIDS and HIV
98.000	Microbiology and Infectious Diseases Research
93.600	Headstart
93.145	AIDS Education and Training Centers

Dollar threshold used to distinguish between  
 Type A and Type B programs: \$3,000,000

Auditee qualified as low-risk auditee?  X  yes \_\_\_\_\_ no

# The Trustees of Columbia University in the City of New York

## Schedule of Findings and Questioned Costs, Continued

### For the year ended June 30, 2008

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#### Section II—Financial Statement Findings

None noted.

#### Section III—Federal Award Findings and Questioned Costs Section

##### Part A - PricewaterhouseCoopers Findings:

##### 08-1 Enhance Timeliness of Financial Status Reports

Applies to all grants in the Research and Development cluster

##### Condition

The University implemented corrective action (as noted in the prior year management's view and corrective action plan response) during the current year to enhance the timeliness of its financial reporting. Although we did not note any exceptions post implementation of this policy, we did note 4 exceptions prior to the University putting the enhanced monitoring procedures in place. Our sample testing of financial status reports filed subsequent to the University implementing the enhanced monitoring procedures noted that the reports were filed on a timely basis.

The specific late reports were:

CFDA Number	Award Number	Due Date	Date of Filing
93.600	02C H9933-04	11/29/07	11/30/07
93.855	5U19 A106 7773-02 ADM	10/29/07	12/14/07
93.853	2U01 NS039143-06	5/29/08	6/2/08
93.943	5U62 PS 222 407-05	6/29/08	7/9/08

##### Criteria

OMB Circulars A-110 Section .52 a (1) (iv) requires recipients to file timely financial status reports as well as final reports. The University was required to file final financial forms for those grants that were completed in fiscal 2008 within 90 calendar days of completion. Extensions of reporting due dates may be approved by the Federal awarding agency upon request of the recipient.

##### Cause

Prior to the University implementing corrective action plan, delays in the filing of financial status reports resulted from a number of factors, including temporary staffing gaps, work volume and workflow issues.

##### Effect

Prior to the implementation of enhanced monitoring procedures certain reports were not submitted timely.

##### Recommendation

The University has implemented corrective action and enhanced monitoring procedures for timely reporting of financial status reports.

We recommend that management continue to enforce the enhanced monitoring put in place to ensure compliance with the financial status reporting requirement of OMB Circular A-110.

##### Management's View and Corrective Action Plan

Management's view and corrective action plan are included in this report.

# The Trustees of Columbia University in the City of New York

## Schedule of Findings and Questioned Costs, Continued

### For the year ended June 30, 2008

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#### 08-2 Enhance Procedures over Student Withdrawals

Applies to all Title IV student financial aid in the student financial aid cluster.

#### Condition

Coincident with the current year audit and in connection with the resolution of the 2007 audit findings (see Status of prior Year Findings) the University performed a self audit of all return of funds.

The following exceptions were noted during our audit and were also identified by the University in performing the self audit for which corrective action has been taken.

- (1) Of the 55 student withdrawals tested, funds were returned for 36 students. Of the 36 return of funds tested we noted five return of funds were made after the required 45 day period. The return of funds were processed on average 83 days late (ranging from 49 days-149 days late).
- (2) The amount for two return of funds processed was incorrect. One return of funds relating to a Pell grant was processed in the amount of \$1,196 and the correct calculation was \$958. The second return of funds relating to a Perkins loan was processed in the amount of \$698 and the correct calculation was \$301. These corrections will be adjusted as part of the final remittance to the Department of Education.
- (3) Of the 55 withdrawals tested, we noted 2 return of funds had not been identified. As a result of the late identification of the return of funds, one refund was processed 91 days late and the other return of funds was processed 180 days late.

In addition we noted:

- (4) One of the return of funds identified in (1) that was returned late was calculated correctly in the prescribed order but the Pell grant return was returned on 10/10/07 and the Perkins loan return was returned on 3/5/08.
- (5) The University did not report 1 withdrawal within the required 60 days to the National Student Clearinghouse. The withdrawal was reported 41 days late due to misplaced student paperwork.

It should be noted that the exceptions identified above in (1)-(4) were instances dated 4/1/08 and prior. There were no exceptions noted in our test samples subsequent to 4/1/08 after the University implemented enhanced tracking and refund/withdrawal processing procedures.

#### Criteria

In accordance with 34 CFR 668.173 (b), balances on account are required to be refunded within 45 days after the student withdraws from the institution.

In accordance with 34 CFR 668.22 (i), the return of title IV funds, must be disbursed in a specific order. Funds must be credited to outstanding balances for the payment period or period of enrollment for which a return of funds is required in a specific order.

In accordance with 34 CFR 682.610 (c), student withdrawals must be communicated to the clearinghouse at least within the next 60 days of the withdrawal (within 30 days, unless the school plans on submitting its notifications within the next 60 days as done by the University).

# **The Trustees of Columbia University in the City of New York**

## **Schedule of Findings and Questioned Costs, Continued**

### **For the year ended June 30, 2008**

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#### **Cause**

The University's processes to identify students with excess Title IV funds and student withdrawals have been manual and prone to human error. In addition, the process to notify the Registrar's office of withdrawals has also been manual. As such, withdrawal notifications may be lost or delayed in transit between departments. The exceptions noted in the current year audit occurred before enhanced procedures were implemented by the University.

#### **Effect**

In the instances cited above, the University did not comply with the administrative requirements of this program in that certain credit accounts and student withdrawals were not refunded timely or for the correct amount. Additionally, a withdrawal was not communicated timely to the clearinghouse.

#### **Recommendation**

The University has a Letter of Credit posted under the Department of Education regulation 34 CFR 668.173 (d)(2) and (3) (i) relating to the 2007 audit year. We recommend the University discuss with the Department of Education the Letter of Credit requirements relating to the current year findings in this area.

We recommend that the University continue to enforce the new procedures that were implemented in 4/08 to ensure that student withdrawals are identified and returned within the required time frame and in the correct order. This implementation of a tracking report and withdrawal report provides additional assurance that refunds are timely and reporting is complete and accurate. With relation to the clearinghouse submissions, we recommend that the University closely monitor withdrawals and consider automating the tracking of forms through various departments. This will provide additional assurance that withdrawals are processed timely and paperwork is not misplaced.

#### **Management's View and Corrective Action Plan**

Management's view and corrective action plan are included within this report.

### **08-3 Documentation Retention Procedures - Federal Work Study Agreements with Employers**

#### **Condition**

Of the 30 students tested in the Federal Work Study program, the University was not able to provide signed agreements between the University and the respective employers for 4 students. It should be noted that these instances occurred prior to the University implementing a requirement during fiscal year 2008 that federal work study agreements be submitted and be placed on file with the University's central Student Financial Services department before a student is hired in the Federal Work Study program.

#### **Criteria**

Under Section 443(b)(2)(B) of the Higher Education Act of 1965, as amended (HEA) and regulations included under 34 CFR 675.20, an institution that participates in the Federal Work-Study (FWS) Program shall enter in to a written agreement with the employing agency or organization.

#### **Cause**

The 4 agreements cited above were misplaced and not on file. The exceptions noted were prior to University implementing a centralized requirement to file federal work study agreements with the University's Student Financial Services department which previously only resided at the school-level.

#### **Effect**

In the instances noted, the University was not in compliance with the requirement to maintain signed agreements between the University and the employing agency or organization. Lack of a signed agreement could lead to difficulty in resolving any employment related dispute, should one arise.

**The Trustees of Columbia University in the City of New York  
Schedule of Findings and Questioned Costs, Continued  
For the year ended June 30, 2008**

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**Recommendation**

The University should ensure document retention policies are adhered to with respect to maintaining executed Federal Work Study agreements on file. Agreements should include relevant information such as period of contract, job descriptions and status of employer as a nonprofit entity.

**Management's View and Corrective Action Plan**

Management's view and corrective action plan are included within this report.

**PART B - Other Reports - Findings from Other Auditors:**

Service Organization

The University utilizes Affiliated Computer Services, Inc. Education Services (ACS) as its institutional servicer to perform certain compliance requirements related to the Perkins Loan Program. The ACS Independent Auditor's Report, "ACS Audits of Federal Student Financial Assistance Programs Report for the year ended June 30, 2008," includes two findings related to application of grace period following deferment and improper processing of payment due dates, together with ACS management's responses to these findings.

**The Trustees of Columbia University in the City of New York  
Schedule of Findings and Questioned Costs, Continued  
For the year ended June 30, 2008**

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**Status of Prior Year's Findings**

**Part A - PwC Findings**

**07-1 Enhance Timeliness of Financial Status Reports**

2008 Status - The finding in the current year (Refer to 08.1) identifies 4 financial status reports that were filed late in the early part of the current fiscal year. The University implemented the corrective action plan outlined in the prior year's management's views and corrective action plan during the current fiscal year with no exceptions noted in testing post implementation of its corrective action plan.

**07-2 Enhance Subrecipient Monitoring Procedures**

2008 Status - completed. The prior year corrective action plan was implemented in fiscal 2008.

**07-3 Enhance Procedures over the Calculation of Indirect Cost Recoveries**

2008 Status - completed. The prior year corrective action plan was implemented in fiscal 2008.

**07-4 Enhance Preview Procedures over Suspension and Debarment**

2008 Status - completed. The prior year corrective action plan was implemented in fiscal 2008.

**07-5 Enhance Procedures over Student Withdrawals**

2008 Status - In connection with the implementation of the corrective action plan outlined in the prior year's management's views and corrective action plan, the University performed a self audit of all return of funds. As noted in the current year finding (Refer to 08-2) exceptions noted were also found in performing the self audit and corrective action taken.

**07-6 Enhance Documentation Retention Procedures - Loan Deferment and Cancellation Approvals**

2008 Status - completed. The prior year correction action plan was implemented in fiscal 2008.

**07-7 Enhance Documentation Retention Procedures - Federal Work Study Agreements with Employers**

2008 Status - Refer to 08-4 for current year finding and steps the University implemented as outlined in the prior year's management's views and corrective action plan to correct noted deficiencies.

# COLUMBIA UNIVERSITY

IN THE CITY OF NEW YORK

OFFICE OF THE CONTROLLER

## **Management's Response and Corrective Action Plans Regarding OMB Circular A133 Audit Findings for the Year Ended June 30, 2008**

### 08-1 Enhance Timeliness of Financial Status Reports

#### Management's View and Corrective Action Plan

The Sponsored Projects Finance group (SPF) implemented new tools and processes beginning in February 2008 to improve the timeliness of Financial Status Reports (FSRs). A new Grants Tool was implemented to track awards by department and reporting date. A process was put in place to distribute a list of upcoming FSRs to relevant departments as early as 60 days in advance of the filing deadline, along with an account reconciliation template to assist departments with the reconciliation process and to standardize the presentation format. If final account reconciliations are not received within 30 days prior to the FSR filing deadline, a follow-up letter is sent to the PI and DA. Management within SPF holds weekly FSR meetings with the reporting team to review the list of filing deadlines and to evaluate progress.

These initiatives have enhanced information flow between the SPF and Departments and have improved the quality and timely submission of FSRs. The processes have been fully integrated into the operations of SPF. The Controller regularly reviews FSR reporting statistics with senior management in SPF, and will continue to monitor the effectiveness of the current processes.

### 08-2 Enhanced Procedures over Student Withdrawals

#### Management's View and Corrective Action Plan

The 2007-08 audit exceptions identified by PwC were for the period prior to April 1, 2008. We concur with the findings identified by PwC.

As noted in the PwC Findings, Columbia University performed a self-audit for FY 2007-08 in connection with the resolution of the 2006-07 audit. Of the total \$243M disbursed to students, .2 percent, or approximately \$.5M dollars was returned for the 85 Title IV recipients who withdrew from the University during 2007-08.

A number of enhanced tracking and refund/withdrawal processing procedures were put in place subsequent to the findings of the 2006-07 audit. By April 1, 2008, the University had established compliance with (34 C.F.R. §668.173) which requires that institutions to return unearned Title IV funds within 45 days after the student withdraws. Enhancement efforts continue in order to make certain that a systematic process is in place that ensures that the University remains in compliance with all of the General Standards of Financial Responsibility post the April 1, 2008 date. The University implemented a centralized monitoring system for student withdrawal management. The system is managed by the

Student Financial Planning Office. The monitoring entails generating a report of all withdrawals processed in the Student Information System and tracking those withdrawals to ensure that Title IV calculations are properly prepared (if required) and that the funds are returned to the appropriate funds within the timeframe established by the U.S. Department of Education. Title IV calculations are also verified in this centralized review process. In addition, a weekly outreach is performed to ensure the timely entry of withdrawal data into the Student Information System. The University will be sending a letter of inquiry to the U.S. Department of Education by March 1, regarding the Letter of Credit, noting the enhancements made.

#### 08-3 Document Retention Procedures- Federal Work Study Agreements with Employers

##### Management's View and Corrective Action Plan

We concur with PwC's Finding in this area. Prior to April 1, 2008, the Federal Work Study Division continued to rely on the collection of Work Study agreements through the external Field Placement Office. Approximately 85 percent of all agreements were collected using this approach. However, because the University was not able to collect the remaining 15 percent, effective April 1, 2008, the Federal Work Study Office implemented the practice of not permitting a student to be hired in the Work Study system until a signed agreement was received by Federal Work Study.

As a result, effective April 1, 2008, compliance was established with Section 443(b)(2)(B) of the Higher Education Act of 1965, as amended (HEA) and regulations under 34 CFR 675.20, requiring an institution that participates in the Federal Work-Study (FWS) Program to enter into an agreement with the employing agency or organization.

Responsible person Contact Name: Carl Sparano, Director, Indirect Cost Recovery  
Contact Number (212) 851-1049



Cheryl Ross  
Controller

The Trustees of Columbia University in the City of New York