

## THE VANDERBILT UNIVERSITY

OMB Circular A-133 Reports

Year ended June 30, 2008

EIN: 62-0476822

## THE VANDERBILT UNIVERSITY

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**KPMG LLP** 401 Commerce Street, Suite 1000 Nashville, TN 37219-2422

## **Independent Auditors' Report**

Board of Trust The Vanderbilt University:

We have audited the accompanying consolidated statements of financial position of The Vanderbilt University and subsidiaries (Vanderbilt) as of June 30, 2008 and 2007, and the related consolidated statements of activities and cash flows for the years then ended. These consolidated financial statements are the responsibility of Vanderbilt's management. Our responsibility is to express an opinion on these consolidated financial statements based on our audits.

We conducted our audits 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 consideration of internal control over financial reporting as a basis for designing audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of Vanderbilt's internal control over financial reporting. Accordingly, we express no such opinion. An audit also 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, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the consolidated financial statements referred to above present fairly, in all material respects, the financial position of The Vanderbilt University and subsidiaries as of June 30, 2008 and 2007, and the changes in their net assets and their cash flows for the years then ended in conformity with U.S. generally accepted accounting principles.

In accordance with the *Government Auditing Standards*, we have also issued a report dated October 13, 2008 on our consideration of The Vanderbilt University's internal control over financial reporting and on our tests on its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. 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 consolidated financial statements taken as a whole. The accompanying Schedule of Expenditures of Federal Awards for the year ended June 30, 2008 is 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 is not a required part of the consolidated financial statements. Such information has been subjected to the auditing procedures applied on the audit of the consolidated financial statements and, in our opinion, is fairly stated in all material respects, in relation to the consolidated financial statements taken as a whole.



October 13, 2008



# Consolidated Statements of Financial Position

As of June 30, 2008 and 2007 (in thousands)	2008	200)
ASSETS		
Cash and cash equivalents	\$ 273,924	\$ 293,193
Collateral under security lending agreements		279,139
Accounts receivable, net	327,502	311,136
Prepaid expenses and other assets	96,987	163,942
Contributions receivable, net	71,816	65,142
Student loans and other notes receivable	42,342	39,914
Investments	4,225,719	4,247,902
Property, plant, and equipment, net	1,706,070	1,594,507
Interest in trusts held by others	46,581	49,06
Total assets	\$ 6,790,941	\$ 7,043,939
LIABILITIES		
Accounts payable and accrued liabilities	\$ 239,602	\$ 215,372
Accrued compensation and withholdings	201,732	207,127
Payable under security lending agreements	_	279,139
Deferred revenue	117,612	84,702
Commercial paper	127,415	362,920
Actuarial liability for self-insurance	90,493	76,38
Actuarial liability for annuities payable	35,895	41,350
Government advances for student loans	16,686	16,315
Long-term debt and capital leases	978,749	742,966
Total liabilities	1,808,184	2,026,274
NET ASSETS		
Unrestricted	3,995,880	4,073,213
Temporarily restricted	124,890	133,494
Permanently restricted	861,987	810,958
Total net assets	4,982,757	5,017,665
Total liabilities and net assets	\$ 6,790,941	\$ 7,043,939

The accompanying notes are an integral part of the consolidated financial statements.



## Consolidated Statements of Activities

Years Ended June 30, 2008 and 2007 (in thousands)	2008	200
CHANGES IN UNRESTRICTED NET ASSETS		
OPERATING REVENUES		
Tuition and educational fees, net	\$ 217,619	\$ 199,03
Government grants and contracts	305,646	28 <u>3,9</u> 0
Facilities and administrative costs recovery	115,352	106,31
Private gifts, grants, and contracts	87,403	80,91
Endowment distributions	134,507	121,11
Net gains on investments	18,649	59,45
Health care services	1,874,913	1,748,71
Room, board, and other auxiliary services, net	86,309	78,25
Other sources	34,120	34,41
Net assets released from restrictions	13,057	20,71
Total operating revenues	2,887,575	2,732,85
Operating Expenses		
Instruction	390,499	354,01
Research	370,965	343,99
Health care services	1,730,949	1,616,50
Academic support	126,044	121,48
Institutional support	48,116	61,68
Student services	30,581	27,62
Public service	27,685	24,40
Room, board, and other auxiliary services	111,858	101,66
Total operating expenses	2,836,697	2,651,37
Change in unrestricted net assets from operating activity	50,878	81,47
Non-Operating Activity		
Gifts and contributions for plant	4,298	5,99
Net assets released from restrictions for plant	15,116	13,17
Donor designation changes	(4,474)	(4,14
Change in endowment appreciation, net of distributions	(56,428)	510,79
Other, including change in value of interest rate swap agreements	(86,723)	20,75
Change in unrestricted net assets from other non-operating activity	(128,211)	546,57
(Decrease) increase in unrestricted net assets	(77,333)	628,05
CHANGES IN TEMPORARILY RESTRICTED NET ASSETS		
Contributions and other	24,630	4,43
Donor designation changes	(3,130)	(13,16
Net gain on contributions receivable	}	2,39
Endowment distributions	4,126	3,51
Net (losses) gains on investments	(6,057)	-ر«ر 14,46
Net assets released from restrictions	(28,173)	(33,89
Decrease in temporarily restricted net assets	(8,604)	(22,16
HANGES IN PERMANENTLY RESTRICTED NET ASSETS		
Contributions and other	41,302	45,01
Donor designation changes	7,604	17,31
Endowment distributions	1,617	1,48:
Net investment gains	506	-
Increase in permanently restricted net assets	51,029	22,32
Decrease) increase in total net assets	\$ (34,908)	\$ 691,920
Net assets at beginning of year	\$ 5,017,665	
	4 J)VI/)VU	\$ 4,325,74

The accompanying notes are an integral part of the consolidated financial statements.



# Consolidated Statements of Cash Flows

CASH FLOWS FROM OPERATING ACTIVITIES		
(Decrease) increase in total net assets	\$ (34,908)	\$ 691,920
Adjustments to reconcile change in total net assets		
TO NET CASH PROVIDED BY OPERATING ACTIVITIES:		
Net realized gains on investments	(528,919)	(199,28
Net decrease (increase) in unrealized appreciation on investments	510,251	(453,61
Gifts for plant and endowment	(53,583)	(66,76)
Gifts of securities for operating activities	(21,848)	(36,84
Depreciation and amortization	141,261	130,37
Amortization of bond premiums	(4,624)	(4,71
Net decrease (increase) in fair value of interest rate swap agreements	87,076	(37,33,
(Increase) decrease in:		
Accounts receivable, net of accrued investment income	(24,360)	(44,770
Prepaid expenses and other assets, net of non-operating items	6,030	(20,618
Contributions receivable	(6,674)	15,460
Interest in trusts held by others	2,484	(6,129
Increase (decrease) in:	ļ	
Accounts payable and accrued liabilities, net of non-operating items	826	42,11
Accrued compensation and withholdings	(5,395)	27,48
Deferred revenue	32,910	32,63
Actuarial liability for self-insurance	14,110	(1,01)
Actuarial liability for annuities payable	(5,455)	1,604
Net cash provided by operating activities	109,182	70,51
CASH FLOWS FROM INVESTING ACTIVITIES		_
Purchases of investments	(4,439,081)	(3,630,665
Proceeds from the sale of investments	4,501,780	3,656,979
Decrease (increase) in accrued investment income	7,994	(8,799
Acquisition of property, plant, and equipment	(257,480)	(272,498
Proceeds from the disposal of property, plant, and equipment	1,909	3,949
Student loans disbursed	(6,751)	(6,99
Principal collected on student loans	4,323	5,494
Net cash used in investing activities	(187,306)	(252,533
CASH FLOWS FROM FINANCING ACTIVITIES		
Gifts for plant and endowment	53,583	66,767
Increase in government advances for student loans	371	308
Proceeds from the issuance of debt	313,645	220,324
Payments to retire or decrease debt	(308,743)	(16,343
Net cash provided by financing activities	58,856	271,056
Net (decrease) increase in cash and cash equivalents	\$ (19,268)	\$ 89,030
Cash and cash equivalents at beginning of year	\$ 293,192	\$ 204,156
Cash and cash equivalents at end of year	\$ 273,924	\$ 293,192

The accompanying notes are an integral part of the consolidated financial statements.

# **NOTES** to the CONSOLIDATED FINANCIAL STATEMENTS

## 1. Organization

The Vanderbilt University (Vanderbilt) is a privately endowed, coeducational, not-for-profit, nonsectarian institution located in Nashville, Tennessee. Founded in 1873, Vanderbilt owns and operates educational and research facilities as well as a health care system. Vanderbilt provides educational services to approximately 6,500 undergraduate and 5,300 graduate and professional students enrolled in its 10 schools and colleges. The Chancellor and the Board of Trust, the governing board of Vanderbilt, have oversight responsibility for all of Vanderbilt's financial affairs.

These consolidated financial statements include the accounts of all entities in which Vanderbilt has a significant financial interest and over which Vanderbilt has control, including its hospitals and clinics. All significant intercompany accounts and transactions have been eliminated in consolidation.

## 2. Summary of Significant Accounting Policies

## BASIS OF PRESENTATION

The consolidated financial statements of Vanderbilt have been prepared on the accrual basis in accordance with U.S. generally accepted accounting principles.

Based on the existence or absence of donor-imposed restrictions, Vanderbilt classifies resources into three categories: unrestricted, temporarily restricted, and permanently restricted net assets.

UNRESTRICTED NET ASSETS are free of donor-imposed restrictions. All revenues, gains, and losses that are not temporarily or permanently restricted by donors are included in this classification. All expenditures are reported in the unrestricted class of net assets, since the use of restricted contributions in accordance with donors' stipulations results in the release of the restriction.

**TEMPORARILY RESTRICTED NET ASSETS** are limited as to use by donor-imposed stipulations that expire with the passage of time or that can be satisfied by action of Vanderbilt. These net assets may include unconditional pledges, split-interest agreements, and interest in trusts held by others.

PERMANENTLY RESTRICTED NET ASSETS are amounts required by donors to be held in perpetuity. These net assets may include unconditional pledges, donor-restricted endowments (at historical cost), split-interest agreements, and interest in trusts held by others. Generally, the donors of these assets permit Vanderbilt to use a portion of the income earned on related investments for general or specific purposes.

Expirations of temporary restrictions on net assets, i.e., the passage of time and/or fulfilling donor-imposed stipulations, are reported as net assets released from restrictions between the applicable classes of net assets in the consolidated statements of activities.

## CASH AND CASH EQUIVALENTS

Cash and cash equivalents include highly liquid investments with nominal interest rate risk and original maturities of three months or less when purchased. Such investments primarily consist of money market funds, certificates of deposit, and commercial paper. The carrying amounts of these items are a reasonable estimate of their fair value.

## PREPAID EXPENSES AND OTHER ASSETS

Prepaid expenses and other assets primarily represent inventories, prepaid expenses, and other segregated investmentrelated assets managed by third parties that are earmarked to ultimately settle certain liabilities. This latter group of assets, reported at fair value, is excluded from the investments category since Vanderbilt will not directly benefit from the investment return. The carrying amounts for inventories and prepaid expenses are a reasonable estimate of their fair value.

## INVESTMENTS

Investments are reported at fair value, based primarily on market quotes. Fair values for certain alternative investments, mainly investments in limited partnerships where a ready market for the investments does not exist, are based primarily on estimates reported by fund managers. The estimated values are reviewed and evaluated by Vanderbilt.

Vanderbilt has significant exposure to a number of risks including interest rate, market, and credit risks for both marketable and non-marketable securities. Due to the level of risk exposure, it is possible that near-term valuation changes for investment securities may occur to an extent that could materially affect the amounts reported in Vanderbilt's financial statements. Vanderbilt management approves strategic use of derivatives by external investment managers to manage market risks. The most common strategies engaged by such managers are futures contracts, short sales, and hedges against currency translation risk for investments denominated in other than U.S. dollars. These derivative instruments are recorded at their respective fair values.

Through agreements with its primary investment custodian, Vanderbilt has participated in security lending to brokers. For pledged cash and cash equivalents collateral under the control of Vanderbilt, an asset and corresponding liability are recorded representing the market value of such collateral.

Purchases and sales of securities are recorded on the trade dates, and realized gains and losses are determined on the basis of the average historical cost of the securities sold. Net receivables and payables arising from unsettled trades by investment managers are reported as a component of investments.

All donor-restricted endowment investments and unrestricted board-designated endowments are managed in an investment pool, unless donor-restricted endowment gift agreements require that they be held separately.

## SPLIT-INTEREST AGREEMENTS AND INTEREST IN TRUSTS HELD BY OTHERS

Vanderbilt's split-interest agreements with donors consist primarily of irrevocable charitable remainder trusts, charitable gift annuities, and life income funds for which Vanderbilt serves as trustee. Assets held in these trusts are included in investments. Contribution revenue is recognized at the dates the trusts are established, net of the liabilities for the present value of the estimated future payments to be made to the donors and/or other beneficiaries. Annually, Vanderbilt records the change in value of split-interest agreements according to the fair value of the assets that are associated with each trust and recalculates the liability for the present value of the estimated future payments to be made to the donors and/or other beneficiaries.

Vanderbilt is also the beneficiary of certain trusts held and administered by others. Vanderbilt's share of these trust assets is recorded at fair value as interest in trusts held by others with carrying values adjusted annually for changes in fair value.

## PROPERTY, PLANT, AND EQUIPMENT

Purchased property, plant, and equipment are recorded at cost, including, where appropriate, capitalized interest. Donated assets are recorded at fair value at the date of donation. Additions to the library collection are expensed at the time of purchase. Repairs and maintenance costs are expensed as incurred.

Depreciation is calculated by the straight-line method at rates estimated to allocate the cost of various classes of assets over their estimated useful lives. Property, plant, and equipment are removed from the accounting records at the time of disposal.

Conditional asset retirement obligations related to legal requirements to perform certain future activities related to the retirement, disposal, or abandonment of assets are accrued utilizing site-specific surveys to estimate the net present value for applicable future costs, e.g., asbestos abatement or removal.

Vanderbilt reviews long-lived assets for impairment whenever events or changes in circumstances indicate that the carrying amount of an asset may not be recoverable. An impairment charge is recognized when the fair value of the asset or group of assets is less than the carrying value.

## DEBT PORTFOLIO FINANCIAL INSTRUMENTS

Using market quotations for similar issues or borrowings, Vanderbilt evaluates the estimated fair value of its fixed-rate long-term indebtedness relative to carrying value. Principal balances for fixed-rate debt are reported at carrying value, which is substantially equivalent to estimated fair value.

Vanderbilt employs derivatives, primarily interest rate swap agreements, to manage market risks associated with variable-rate debt. Derivative financial instruments are reported at fair value with any resulting gain or loss recognized as a non-operating item in the consolidated statements of activities. Periodic net cash settlement amounts with counterparties are accounted for as adjustments to interest expense on the related debt.

Parties to interest rate swap agreements are subject to market risk for changes in interest rates as well as risk of credit loss in the event of nonperformance by the counterparty. Vanderbilt deals only with high-quality counterparties that meet rating criteria for financial stability and credit worthiness. Additionally, Vanderbilt requires the posting of collateral when amounts subject to credit risk under swap arrangements exceed specified levels.

## FAIR VALUE OF OTHER FINANCIAL INSTRUMENTS

The carrying values for accounts receivable, student loans and other notes receivable, accounts payable, and other accrued liabilities approximate fair value. The carrying amount of student loans receivable under the Vanderbilt loan programs approximates fair value, due to the rates and the relative shortterm nature of the loans.

## REVENUE RECOGNITION

Vanderbilt's revenue recognition policies are as follows:

TUITION AND EDUCATIONAL FEES, NET—Student tuition and educational fees are recorded as revenues during the year the related academic services are rendered. Student tuition and educational fees received in advance of services to be rendered are recorded as deferred revenue. Financial aid provided by Vanderbilt for tuition and educational fees is reflected as a reduction of tuition and educational fees. Financial aid does not include payments made to students for services provided to Vanderbilt.

GOVERNMENT GRANTS AND CONTRACTS—Revenues from government grants and contracts are recognized when allowable expenditures are incurred under such agreements.

FACILITIES AND ADMINISTRATIVE (F&A) COSTS RECOVERY—F&A costs recovery, historically referred to as indirect cost recovery, is recognized as revenue and represents reimbursement, primarily from the federal government, of F&A costs on sponsored activities. The federal F&A costs recovery rate for on-campus research was 53.5% and 53.0% in fiscal 2008 and 2007, respectively.

HEALTH CARE SERVICES—Health care services revenue is reported at established rates, net of contractual adjustments and charity services. Third party contractual revenue adjustments under governmental reimbursement programs are accrued on an estimated basis in the period the related services are rendered. The estimated amounts are adjusted as final settlements are determined by the fiscal intermediary for each program. Health care services revenue includes that of Vanderbilt University Hospitals and Clinics, Vanderbilt Medical Group, Vanderbilt Health Services, Inc., and other activities directed toward the purpose of providing health care services to the community.

## CONTRIBUTIONS

Unconditional promises to give (pledges) are recognized as contribution revenue when the donor's commitment is received. Conditional promises (primarily bequest intentions) are not recorded until donor stipulations are substantially met.

Unconditional promises to give, with payments due to Vanderbilt in future periods, are recorded as increases in temporarily restricted or permanently restricted net assets at the estimated present value of future cash flows, net of an allowance for estimated uncollectible promises. Amortization of the discount is recorded as additional contributions in the appropriate net asset class. Allowance is made for uncollectible contributions receivable based upon management's analysis of past collection experience and other judgmental factors.

Contributions with donor-imposed restrictions are recorded as unrestricted revenue if those restrictions are met in the same reporting period. Otherwise, contributions with donor-imposed restrictions are recorded as increases in temporarily restricted or permanently restricted net assets, depending on the nature of the restriction. Contributions recorded as temporarily restricted net assets are released from restrictions and recognized as unrestricted net assets upon receipt of the gift or expiration of the time restriction, and after any donor stipulations are met. Gifts for plant facilities are released from restrictions and recognized as a non-operating item only after resources are expended for the applicable plant facilities.

Contributions receivable of pledged securities are stated at the fair value of the underlying securities. Net changes on shares pledged in prior years due to fair value changes for the underlying securities are reported separately as a non-operating gain or loss on contributions receivable in the consolidated statements of activities.

## OPERATING RESULTS

Operating results (change in unrestricted net assets from operating activity) in the consolidated statements of activities reflect all transactions that change unrestricted net assets, except gifts for plant facilities, certain activity associated with endowment investments, changes in the fair value of interest rate swap agreements, and certain other non-recurring items.

Endowment distributions reported as operating revenue consist of endowment returns (regardless of when such income or returns arose) distributed to support current operational needs. Vanderbilt's endowment distribution policy, which is approved by the Board of Trust, establishes the amount of endowment returns to be distributed from the endowment pool on an annual basis. Objectives of the policy include reducing the impact of capital market fluctuations on operational programs.

Operating investment income consists of dividends, interest, and gains and losses on unrestricted non-endowed investments.

In fiscal 2008 and 2007, approximately 58% and 54%, respectively, of private gifts, grants, and contracts revenue represent transactions where Vanderbilt services are provided to other parties.

Overall management and administrative support costs attributable to divisions that primarily provide health care or auxiliary services are allocated based upon institutional budgets. Thus, institutional support expense reported in the consolidated statements of activities relates to Vanderbilt's other primary programs such as instruction, research, and public service.

Furthermore, costs related to the operation and maintenance of physical plant, including depreciation of plant assets, are allocated to operating programs and supporting activities based upon facility usage. Additionally, interest expense on external debt is allocated to the activities that have benefited most directly from the debt proceeds.

## INCOME TAXES

Vanderbilt is a tax-exempt organization as described in Section 501(c)(3) of the Internal Revenue Code (the Code), and is generally exempt from federal income taxes on related income pursuant to Section 501(a) of the Code. Vanderbilt is, however, subject to federal and state income tax on unrelated business income, and provision for such taxes is included in the accompanying consolidated financial statements.

In June 2006, the FASB issued Interpretation No. 48, Accounting for Uncertainty in Income Taxes: an interpretation of FASB Statement 109 (FIN 48). FIN 48 addresses the accounting for uncertainty in income taxes recognized in an entity's financial statements and prescribes a threshold of more-likelythan-not for recognition and derecognition of tax provisions taken or expected to be taken in a tax return. FIN 48 also provides guidance on measurement, classification, interest and penalties, and disclosure. FIN 48 was effective July 1, 2007, and had no material impact on Vanderbilt's consolidated financial statements.

## USE OF ESTIMATES

The preparation of financial statements requires the use of estimates and assumptions that affect the reported amounts of assets, liabilities, revenue, and expenses during the reporting period as well as the disclosure of contingent assets and liabilities. Actual results ultimately could differ from management's estimates.

## REDESIGNATIONS

When donors amend or clarify intent for applicable gifts and contributions reported in a previous fiscal year, revisions are separately reflected as donor designation changes within the consolidated statements of activities.

## RECLASSIFICATIONS

Certain reclassifications have been made to prior year amounts to conform to the current year presentation. These reclassifications had no effect on operating results as previously reported.

## 3. Accounts Receivable

Accounts receivable as of June 30 were as follows *(in thousands):* 

	20	008 2007
Patient care	\$ 341	,181 \$ 349,348
Students, grants, and other	107,	685 94,900
Accrued investment income	7	453 15,447
Accounts receivable	456	319 459,695
Less: Allowance for bad debts	128,	,817 148,559
Accounts receivable, net	\$ 327,	

## 4. Contributions Receivable

Contributions receivable as of June 30 were as follows *(in thousands):* 

	2008	2007
Unconditional promises expected to be collected:		
in one year or less	\$ 25,879	\$ 21,887
between one year and five years	57,982	58,706
in more than five years	5,750	3,192
Contributions receivable	 89,611	 83,785
Less: Unamortized discount	6,810	9,835
Allowance for uncollectible promises	 10,985	 8,808
Contributions receivable, net	\$ 71,816	\$ 65,142

During fiscal 2008, Vanderbilt received a gift distribution from the Ingram Charitable Fund (ICF), which reduced to zero the contributions receivable from the ICF as of June 30, 2008. Subsequent to fiscal 2008, the following two Ingram-related events occurred and are not reflected in the 2008 financial statements: (1) the Ingram family donated 2.8 million shares of Ingram Micro Inc. common stock directly to Vanderbilt, which resulted in gift income valued at \$53.2 million; and (2) the Ingram family donated shares of Ingram Micro Inc. common stock to the ICF, which led to a new contribution receivable from the ICF valued at \$19.3 million as of September 30, 2008.

Contributions receivable scheduled to be collected after one year are discounted at a rate commensurate with the anticipated timing of receipt. Such amounts outstanding as of June 30, 2008, generally are discounted at rates ranging from 2.5% to 3.5%, and amounts outstanding as of June 30, 2007, generally are discounted at 5.0%.

The methodology for calculating an allowance for uncollectible promises is based upon management's analysis of the aging of payment schedules for all outstanding pledges. This review resulted in allowances for uncollectible promises totaling 12.3% and 10.9% of contributions receivable (excluding the ICF) as of June 30, 2008 and 2007, respectively.

In addition to pledges reported as contributions receivable, Vanderbilt had received bequest intentions of approximately \$206.8 million and \$183.5 million as of June 30, 2008 and 2007, respectively. These intentions to give are not recognized as assets due to their conditional nature. If these bequests are received, generally they will be restricted for specific purposes stipulated by the donors, primarily endowments for faculty support, scholarships, or general operating support of a particular department or division of Vanderbilt.

## 5. Investments

Investments by security type as of June 30 were as follows *(in thousands):* 

	2008	2007
Short-term securities	\$ 491,876	\$ 452,049
Bonds	386,067	407,026
Stocks	638,358	1,042,006
Partnerships	2,381,149	2,081,772
Mortgages	3,224	2,929
Real estate	279,188	220,680
Other	37,280	40,963
Net receivables for unsettled trades by		
investment managers	8,577	477
Total fair value	\$ 4,225,719	\$ 4,247,902
Total cost	\$ 3,737,869	\$ 3,249,801

Through an agreement with its primary investment custodian, Vanderbilt historically has participated in lending securities to brokers. In the latter portion of fiscal 2008, Vanderbilt transitioned to a new investment custodian. While there were no securities lent as of June 30, 2008, Vanderbilt expects to re-commence security lending through its new primary investment custodian in fiscal 2009.

On September 29, 2008, Vanderbilt was notified that Wachovia Bank, N.A., as trustee of the Commonfund's Short Term Fund investments (the Fund), is resigning as trustee, has initiated the process of terminating the Fund, and has established procedures for an orderly liquidation and distribution of the assets of the Fund over a period of time. At June 30, 2008, and September 29, 2008, Vanderbilt had \$272.5 million and \$336.3 million, respectively, invested in the Fund. Such assets are reflected in the above table as short-term securities.

As permitted under the liquidation procedures, Vanderbilt withdrew \$130.4 million from the Fund between September 29 and October 13, 2008. Additional permitted withdrawals are expected to total about \$78 million through December 31, 2008, with the remaining balances to be made available within the next three years. Management believes that it has sufficient available liquidity in its current assets to meet its obligations as they become due.

In conjunction with the events related to the Fund, management has reclassified \$399.2 million as of June 30, 2007, from cash and cash equivalents to investments in the accompanying consolidated balance sheet. Likewise, the related purchases and sales activity has been reflected in the accompanying consolidated statement of cash flows.

## 6. Endowment

The endowment represents only those related net assets that are under the control of Vanderbilt. Endowment-related assets include donor-restricted endowments and Board-designated endowments. Gift annuities, interest in trusts held by others, and certain contributions pending transfer are not considered components of the endowment.

Effective July 1, 2007, the state of Tennessee adopted legislation that incorporates the provisions outlined in the Uniform Prudent Management of Institutional Funds Act (UPMIFA). The statutory guidelines therein relate to prudent management, investment, and expenditure of donor-restricted endowment funds held by charitable organizations. Particularly noteworthy is that the legislation specifies factors for fiduciaries to consider prior to making a decision to appropriate from or accumulate into an organization's endowment funds.

Within the context of this model legislation, in August 2008 the Financial Accounting Standards Board issued FASB Staff Position (FSP) 117-1 entitled 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, and Enhanced Disclosures for All Endowment Funds. Vanderbilt will adopt this FSP effective with fiscal 2009 reporting. As a result, cumulative returns associated with donor-endowed funds aggregating approximately \$1.4 billion as of July 1, 2007, which previously have been reported as unrestricted net assets will be reclassified as temporarily restricted net assets.

The Board of Trust's interpretation of its fiduciary responsibilities for donor-restricted endowments under UPMIFA requirements, barring the existence of any donor-specific provisions, is to preserve intergenerational equity to the extent possible. Under this broad guideline, in perpetuity future endowment beneficiaries essentially should receive at least the same level of economic support that the current generation enjoys. Toward this end, investment goals are formulated to earn returns over the long term that equal or exceed (a) Boardapproved endowment distribution rates plus (b) the impacts from inflation. Funds are invested in a highly diversified portfolio to mitigate downturns in a single sector. UPMIFA specifies that unless stated otherwise in the gift agreement instrument, donor-restricted assets in an endowment fund are restricted assets until appropriated for expenditure by the institution. Barring the existence of specific instructions in gift agreements for donor-restricted endowments, Vanderbilt's policy is to report (a) the historical value for such endowments as permanently restricted net assets and (b) the net accumulated appreciation as unrestricted net assets. In this context, historical value represents (a) the original value of initial gifts restricted as permanent endowments plus (b) the original value of subsequent gifts along with (c) if applicable, the value of accumulations made in accordance with the direction of specific donor gift agreements.

Vanderbilt's Board has approved an endowment distribution policy whereby distributions are based on 4.5% of the average of the previous three calendar year-end market values. Actual endowment return earned in excess of distributions under this policy is reinvested as part of Vanderbilt's endowment. For years where actual endowment return is less than distributions under the policy, the shortfall is covered by realized returns from prior years.

Specific appropriation for expenditure of funds under Vanderbilt's endowment distribution policy occurs each spring when the Board approves the university's operations budget for the ensuing fiscal year.

In addition to the foregoing general distribution policy, the Board has authorized the use of previously reinvested income, realized capital gains, and principal related to Boarddesignated endowments for special transinstitutional academic development initiatives. Endowment distributions reported in the consolidated statements of activities include both (a) distributions to support current operational needs under the policy as previously described and (b) supplemental endowment distributions for special academic initiatives to the extent operating expenditures have been incurred. A summary of Vanderbilt's endowment as of June 30 follows (*in thousands*):

	2008	2007
UNRESTRICTED		
Board-designated endowments, at historical value	\$ 237,952	\$ 230,517
Accumulated net appreciation of pooled designated endowment funds	2,514,627	2,568,156
TEMPORARILY RESTRICTED		
Donor-restricted endow- ments, at historical value	14,323	11,777
PERMANENTLY RESTRICTED		
Donor-restricted endow- ments, at historical value	728,537	677,808
Fair value of endowment	\$ 3,495,439	\$ 3,488,258

The components of accumulated net appreciation of pooled designated endowment funds as of June 30 were as follows (*in thousands*):

	2008	2007
Net realized gains less endowment distributions	\$ 2,046,719	\$ 1,618,984
Net unrealized gains	467,908	949,172
Total	\$ 2,514,627	\$ 2,568,156

## 7. Investment Return

As previously noted, Vanderbilt employs a total return policy that establishes annual endowment distributions. Additionally, the Board of Trust authorized the use of funds functioning as endowment to support operating and capital needs of certain transinstitutional initiatives. Endowment distributions in fiscal 2008 and 2007 were based on 4.5% of the average of the previous three calendar year-end market values plus the use of \$6.6 million and \$9.6 million of funds functioning as endowment for operating expenses of transinstitutional initiatives in fiscal 2008 and 2007, respectively.

Further, \$0.6 million and \$1.1 million of unrestricted funds functioning as endowment were utilized for capital needs of transinstitutional initiatives in fiscal 2008 and 2007, respectively. Liquidations for these special capital investments are excluded from the following summary of endowment distributions and other investment income for the fiscal years ended June 30 (*in thousands*):

	2008	2007
OPERATING		
Endowment distributions	\$ 134,507	\$ 121,118
Net gains on investments	18,649	59,458
Total operating return	153,156	180,576
NON-OPERATING UNRESTRICTED		
Endowment appreciation	83,822	636,906
Endowment appreciation distributed	(140,250)	(126,111)
TEMPORARILY RESTRICTED		
Net (losses) gains on investments	(6,057)	14,462
Endowment distributions	4,126	3,511
PERMANENTLY RESTRICTED	·	
Net gains on investments	506	22,325
Endowment distributions	1,617	1,482
Total non-operating return	(56,236)	552,575
Total investment return	\$ 96,920	\$ 733,151

The components of total investment return for the fiscal years ended June 30 were as follows (*in thousands*):

	2008	2007
Net interest, dividend, and partnership income	\$ 80,571	\$ 76,411
Net realized gains from original cost	528,919	199,281
Net (decrease) increase in unrealized appreciation	(512,570)	457,459
Total investment return	\$ 96,920	\$ 733,151

In addition to a core group of investment professionals dedicated to the management of Vanderbilt's endowment, Vanderbilt also employs external investment managers to a large degree. Particularly for alternative investments such as hedge funds, investment manager fee structures frequently have a base component along with a performance component relative to the entire life of the investments. Under these sorts of arrangements, management fees frequently are subject to substantial adjustments based on cumulative future returns for a number of years hence.

Fees paid directly to external investment managers (i.e., segregated investment account fees) totaled \$2.5 million and \$2.7 million in fiscal years 2008 and 2007, respectively.

## 8. Property, Plant, and Equipment

Property, plant, and equipment as of June 30 were as follows *(in thousands):* 

	2008	2007
Land	\$ 54,316	\$ 50,363
Buildings and improvements	2,195,368	1,918,400
Moveable equipment	673,936	608,362
Construction in progress	109,158	212,808
Property, plant, and equipment	3,032,778	2,789,933
Less: Accumulated depreciation	1,326,708	1,195,426
Property, plant, and		
equipment, net	\$ 1,706,070	\$ 1,594,507

Purchases for the library collection are not included in the foregoing since they are expensed at the time of purchase. As of June 30, 2008, the estimated replacement cost for library collections, including processing costs to properly identify, catalog, and shelve materials, totaled \$235.9 million. Capitalized interest of \$1.7 million and \$0.4 million in fiscal 2008 and 2007, respectively, was added to construction in progress and/ or buildings and improvements. Internally developed software costs of \$2.4 million and \$2.9 million were capitalized in fiscal 2008 and 2007, respectively.

Vanderbilt has identified conditional asset retirement obligations, primarily for the costs of asbestos removal and disposal, resulting in liabilities of \$19.2 million and \$18.5 million as of June 30, 2008 and 2007, respectively. These liabilities, which are estimated using an inflation rate of 4.0% and a discount rate of 5.0%, are reported as accounts payable and accrued liabilities on the consolidated statements of financial position.

## 9. Long-Term Debt, Capital Leases, and Commercial Paper

Long-term debt consists of bonds and notes payable with scheduled final maturity dates at least one year after the original issuance date. Outstanding long-term debt, capital leases, and commercial paper obligations as of June 30 were as follows (in thousands):

	Years to	Fiscal 2008 Effective	Outsta	nding Principal
	<u>Maturity</u>	Interest Rate	2008	2007
FIXED-RATE LONG-TERM DEBT		ſ		
1996 Series A	1	5.8%	\$ 1,145	\$ 2,230
1997 Series A	n	5.3%	20,960	22,335
1998 Series A		6.5%	-	18,185
1998 Series B	21	5.0%	32,580	33,450
1998 Series C	7	4-9%	14,455	16,165
2001 Series A	8	5.0%	11,415	12,560
2001 Series B	15	5.0%	49,750	51,930
2005 Series B-1'	-	2.7%	_	61,235
2005 Series B-2 & 31.2	36	3.1%	216,515	216,515
2008 Series A	10	4.0%	136,100	_
2008 Series B'	10	3.9%	119,950	
HUD	1	3.0%	130	260
Note payable	1	7.3%	7,528	7.984
Other	12	3.0%	78	154
Total fixed-rate long-term debt			610,606	443,003
VARIABLE-RATE LONG-TERM DEBT				
2000 Series A	23	2.8%	59,400	60,700
2000 Series B	23	3.0%	59,400	60,700
2002 Series A	25	3.0%	20,590	20,990
2003 Series A'	11	3.0%	30,525	33,410
2005 Series A	36	2.8%	113,300	113,300
2005 Series B-1'	36	1.6%	61,235	
Total variable-rate long-term debt	2*		344,450	289,100
Par amount of long-term debt			955,056	
Net unamortized premium			20,742	732,103
Total long-term debt			975,798	7,723
0 5 11			9/3/90	/39,020
Capital leases	1 <b>to</b> 4	3.5%	2,951	3,140
Total long-term debt and capital leases			978,749	742,966
Tax-exempt and taxable commercial paper	<1	3.0%	127,415	362,920
Total long-term debt, capital leases, and commercial paper			\$ 1,106,164	\$ 1,105,886

' Issued under Master Trust Indenture structure.

<sup>1</sup> The 2005 B-2 and B-3 bonds are fixed only through put dates of 2009 and 2010, respectively. On the respective put dates the mode of the maturing series can be changed at Vanderbilt's discretion.

The preceding table reflects fixed/variable allocations before the effects of interest rate swap agreements used by Vanderbilt to manage its debt portfolio. Such agreements are covered in more detail in a successive footnote.

Tax-exempt commercial paper and all of the aforementioned bonds (with the exception of the HUD bonds) have been issued by the Health and Educational Facilities Board of the Metropolitan Government of Nashville and Davidson County, Tennessee (HEFB). As a conduit issuer, the HEFB loans the debt proceeds to Vanderbilt. Pursuant to loan agreements, Vanderbilt's debt service requirements under these loan agreements coincide with required debt service of the actual HEFB bonds.

Included in the foregoing are hospital and clinic (patient care) bonds, with a principal balance outstanding of \$492.4 million as of June 30, 2008, that were issued under a Master Trust Indenture (MTI) structure. The MTI provides the flexibility for multiple parties to participate in debt issuances as part of an obligated group; presently, Vanderbilt's hospitals and clinics have no other members participating in its obligated group. Bonds issued under the MTI are payable solely from hospital revenues (as defined in the MTI). All MTI bonds presently outstanding are also supplemented by a Vanderbilt guarantee of debt service.

Selected information for long-term debt, commercial paper, and interest rate swap agreements follows (*in thousands*):

	2008		2007
Interest cost paid	\$ 41,763	\$	37,194
Interest cost expensed Assets held by trustees for subsequent debt service as	\$ 37,299	5	32,028
of June 30	\$ 25,502	\$	2,944

Principal payments and scheduled sinking fund requirements on the par amount of long-term debt due in subsequent fiscal years ending June 30 are as follows (*in thousands*):

2009	\$ 42,271
2010	19,610
2011	24,365
2012	25,075
2013	30,215
Thereafter	813,520
Total	\$ 955,056

Under certain circumstances, variable-rate bond obligations may be converted to a fixed-rate structure. While these bonds are in a variable-rate mode, they are subject to optional and mandatory tender. Vanderbilt has agreements with remarketing agents to re-market any bonds so tendered. Liquidity for the variable debt portfolio (both commercial paper and variable-rate demand bonds) is covered primarily by portfolio self-liquidity. Additionally, two bank revolving credit facilities, with an available commitment amount totaling \$225 million, as of June 30, are in place and dedicated solely to debt portfolio liquidity. At Vanderbilt's option, the available commitment may be increased to an amount up to \$375 million. There were no borrowings outstanding on the revolving credit agreements as of June 30, 2008 or 2007.

Trust indentures for certain bond issues contain covenants and restrictions involving the issuance of additional debt, maintenance of a specified debt service coverage ratio, and the maintenance of liquidity facilities.

During April 2008, Vanderbilt issued the Series 2008A and B bonds in the aggregate amount of \$256.1 million in order to retire tax-exempt commercial paper that was previously issued to finance the construction, expansion, and renovation of various facilities and related equipment. The 2008A and B series are revenue refunding fixed-rate premium bonds issued in the amounts of \$136.1 million and \$120.0 million, respectively, with final maturities for both of October 2018.

In fiscal 2008, Vanderbilt issued \$36.1 million of commercial paper under its \$600 million tax-exempt commercial paper program to refund two fixed-rate bond issues. In May 2008, Vanderbilt utilized the proceeds of tax-exempt commercial paper in the amount of \$16.6 million to refund the Series 1998A bonds. The 1998A refunding transaction resulted in an accounting loss of \$0.3 million, which is included as a non-operating item for fiscal 2008 in the consolidated statement of activities. On June 30, 2008, tax-exempt commercial paper was issued in the amount of \$19.5 million to refund the Series 1997A bonds on July 1, 2008. The proceeds obtained on June 30, 2008, were held with the 1997A bond trustee pending completion of the refunding on July 1, 2008. The refunding commercial paper notes and the Series 1997A debt are both included on the consolidated statements of financial position.

Under Vanderbilt's \$75 million taxable commercial paper program, \$2.7 million of taxable notes were issued during fiscal 2008. As of June 30, 2008, the taxable commercial paper balance outstanding was \$1.2 million.

## 10. Interest Rate Swap Agreements

To manage the fixed/variable mix for its debt portfolio, including hedging exposure to increasing interest expense from variable-rate debt, Vanderbilt utilizes interest rate swap agreements.

The fair value of interest rate swap agreements is the estimated amount that Vanderbilt would pay or receive to terminate these contracts as of the report date. The estimated cumulative (loss) gain on the fair value of these swap agreements was (\$26.2) million and \$60.9 million as of June 30, 2008 and 2007, respectively, and is included in accounts payable and accrued liabilities in 2008 and prepaid expenses in 2007. Changes in the fair value for these contracts, which for fiscal 2008 and 2007 amounted to an unrealized loss of (\$87.1) million and an unrealized gain of \$37.3 million, respectively, are recorded as other non-operating items in the consolidated statements of activities. Periodic net cash settlement (payments) receipts for all agreements aggregated (\$0.7) million and \$1.9 million for fiscal 2008 and 2007, respectively, and were reflected as adjustments to operating expense in the consolidated statements of activities.

On May 1, 2008, Vanderbilt negotiated higher fixed rates on \$195 million of existing fixed-payer swap agreements in exchange for a deferment of swap payments until December 2008. Additionally, the start date on \$300.0 million of existing forward starting fixed-payer swaps was extended from May 1, 2008, to November 1, 2008, in exchange for higher future fixed rates.

As of June 30, 2008, Vanderbilt's adjusted debt portfolio, after taking into account the aforementioned derivatives and except for forward starting swaps, was approximately 67% fixed and 33% variable. The notional amounts of interest rate swap agreements as of June 30 were as follows (*in thousands*):

Description	Rate Paid	Rate Received	Maturity	Forward Start Dates		2008	2007
% of LIBOR fixed- payer swaps	Avg Fixed Rate of 3.55%	68 to 70% of one- month LIBOR	22 to 35 years with grad- ual amortization*, cor- responding to principal retirements for the Series 2000A and B bonds and the Series 2005A bonds	2008 notional balance includes \$895 million of swaps where payment start dates range from October to December 2008	\$ 1	1,213,800	\$ 816,400
SIFMA fixed- payer swaps	Avg Fixed Rate of 3.95%	SIFMA	29 years	N/A	\$	100,000	\$ 100,000
SIFMA fixed- receiver swaps	SIFMA	3.204	\$100 million matures September 2008 and \$216.5 million matures corresponding to scheduled re-marketings of Series 2005B bonds, with final maturity in April 2010	N/A	\$	316,515	\$ 477,750
Basis swapş	Avg of 82.2% of one-month LIBOR	SIFMA	26 to 27 years	N/A	\$ 9	500,000	\$ 500,000
Reverse basis swaps	60% of one-month LIBOR + 0.804%	SIFMA	27 years	N/A	\$	150,000	\$ 150,000

\* Commencing in October 2012, the counterparty has an option to cancel 50% of the outstanding notional amount without a termination payment, which would result in a remaining fixed payment commitment of 4.175%.

## 11. Net Assets

Vanderbilt has chosen to provide further classification information for each net asset category.

UNRESTRICTED NET ASSETS are internally designated into the following groups:

**Designated for operations** represents the cumulative budgeted operating activity of Vanderbilt and routine equipment replacement reserves.

DESIGNATED GIFTS AND GRANTS are composed of departmental gift and grant funds.

DESIGNATED FOR STUDENT LOANS represents Vanderbilt funds set aside to serve as revolving loan funds for students.

DESIGNATED FOR PLANT FACILITIES represents the net investment in property, plant, and equipment, as well as funds designated for future acquisitions of plant facilities and retirement of debt.

**BOARD-DESIGNATED ENDOWMENTS** are amounts set aside by the Board of Trust, intended to generate income in perpetuity to support operating needs. Such amounts include substantially all cumulative realized appreciation on the applicable investments.

ACCUMULATED NET APPRECIATION OF POOLED ENDOWMENT FUNDS represents cumulative net realized and unrealized gains less inception-to-date endowment distributions for both donor-restricted and boarddesignated endowments.

NET FAIR VALUE OF INTEREST RATE SWAP AGREEMENTS represents the mark-to-market valuation for derivative contracts. Because these agreements are intended to serve as long-term hedges within the debt portfolio, segregation from other designations is maintained. Based on the foregoing designations, unrestricted net assets as of June 30 were as follows *(in thousands):* 

	2008	2007
Designated for operations	\$ 264,788	\$ 272,122
Designated gifts and grants	153,032	140,700
Designated for student loans	32,057	31,446
Designated for plant facilities	819,575	769,346
Board-designated endowments, at historical value	237,952	230,517
Accumulated net appreciation of pooled endowment funds	2,514,627	2,568,156
Net fair value of interest rate		
swap agreements	(26,151)	60,926
Total unrestricted net assets	\$ 3,995,880	\$ 4,073,213

**TEMPORARILY RESTRICTED NET ASSETS as of June 30 were** composed of the following *(in thousands):* 

	2008	2007
Gifts and pledges	\$ 85,136	\$ 98,487
Donor-restricted endowments, at historical value	14,323	11,777
Interest in trusts held by others	7,693	10,148
Life income and gift annuities	17,738	13,082
Total temporarily restricted net assets	\$ 124,890	\$ 133,494

Such temporarily restricted net assets were available for the following purposes as of June 30 (*in thousands*):

	2008	2007
Student scholarships	\$ 1,308	\$ 1,275
Instruction	4,603	3,879
Capital improvements	10,303	9,021
Subsequent period operations and other	108,676	119,319
Total temporarily restricted net assets	\$ 124,890	\$ 133,494

**PERMANENTLY RESTRICTED** NET ASSETS as of June 30 were composed of the following (in thousands):

	2008	2007
Donor-restricted endowments, at historical value	\$ 728,537	\$ 677,808
Gifts and pledges	70,542	60,590
Interest in trusts held by others	38,888	38,917
Life income and gift annuities	24,020	33,643
Total permanently		
restricted net assets	\$ 861,987	\$ 810,958

Based on relative fair values at June 30, 2008, approximately 28% of permanent donor-restricted endowments are restricted for supporting scholarships, 30% for the support of endowed faculty chairs, 27% for departmental support, and 14% for other restricted purposes. Distributions from the remainder are available for general university support.

## 12. Retirement Plans

Vanderbilt's full-time faculty and staff members participate in defined contribution retirement plans administered by third-party investment and insurance firms. For eligible employees with one year of continuous service, these plans require employee and matching employer contributions; such contributions immediately fully vest with the employee.

Vanderbilt's obligations under these plans are fully funded by periodic transfers to the respective retirement plan administrators with the corresponding expenses recognized in the year incurred. Vanderbilt's retirement plan contributions for fiscal 2008 and 2007 were \$45.9 million and \$42.6 million, respectively.

# 13. Natural Classification of Expenses and Allocations

Operating expenses incurred in the fiscal years ended June 30, 2008 and 2007, were as follows (*in thousands*):

	2008	2007
Salaries, wages, and benefits	\$ 1,652,809	\$ 1,524,913
Services	146,820	131,005
General expenses and supplies	620,157	580,818
Depreciation and amortization	141,261	130,375
Interest	37.299	32,028
Provision for bad debts	119,672	146,459
Utilities, operating leases, and other	118,679	105,776
Total operating expenses	\$ 2,836,697	\$ 2,651,374

Certain allocations of institutional and other support costs were made to Vanderbilt's primary programs. Based on the functional uses of space on its campus, Vanderbilt allocated depreciation and interest on indebtedness to the various functional expense categories shown below (*in thousands*):

2008	 			
	Interest	Depreciation		
Instruction	\$ 3,106	\$	17,935	
Research	5,633		22,808	
Health care services	18,955		57,838	
Academic support	1,180		8,813	
Institutional support	978		12,517	
Student services	217		928	
Public service	103		809	
Room, board, and other				
auxiliary services	 7,127		19,613	
Total	\$ 37,299	\$	141,261	

2007				
	Interest	Depreciation		
Instruction	\$ 2,942	\$ 16,175		
Research	5,332	20,032		
Health care services	13,765	55,061		
Academic support	1,008	8,545		
Institutional support	952	12,015		
Student services	306	1,676		
Public service	168	1,090		
Room, board, and other auxiliary services	7,555	15,781		
Total	\$ 32,028	\$ 130,375		

## 14. Charity Care, Community Benefits, and Other Unrecovered Costs

Consistent with its mission, Vanderbilt University Hospitals and Clinics (referred to herein as "the Hospital") maintains a policy which sets forth the criteria pursuant to which health care services are provided without expectation of payment, or, at a reduced payment rate to patients who are unable to pay for their medical care. These services represent charity care and are not reported as revenue.

The Hospital maintains records to identify and monitor the level of charity care it provides, and these records include the amount of charges forgone for services furnished under its charity care policy and the estimated cost of those services. Charity care assistance is offered on a tiered grid which is based on federal poverty guidelines. In addition to charity care assistance, all uninsured patients are eligible for a State of Tennessee mandated discount from billed charges for medically necessary services. For those patients with a major catastrophic medical event that does not qualify for full charity assistance, additional discounts are given based on the income level of the household using a sliding scale.

The cost of charity care provided by the Hospital was \$58.6 million and \$45.3 million in 2008 and 2007, respectively. Of the total uncompensated care provided by the Hospital (comprised of charity care not reported as revenue and expense reported as provision for bad debts), 67% and 53% of the total in 2008 and 2007, respectively, was charity care. Charity care patients represented 4% and 3% of all total patients treated at the Hospital in 2008 and 2007, respectively. Other than Medicare and Medicaid disproportionate share payments, the Hospital does not receive any other external payments to offset the general cost of charity care. Rather, funding for these services comes from hospital income from operations. In addition to the charity care services described above, the Hospital provides a number of other services to benefit the economically challenged for which little or no payment is received. TennCare/Medicaid and state indigent programs do not cover the full cost of providing care to beneficiaries of those programs. As a result, in addition to direct charity care costs, the Hospital provides services related to TennCare/Medicaid and state indigent programs substantially below the cost of rendering such services.

The Hospital provides public health education and training for new health professionals and provides, without charge, services to the community at large, together with support groups for many patients with special needs. The estimated total costs of charity care, community benefits, and other unrecovered costs at June 30 were as follows (*in thousands*, *unaudited*):

		2008		2007
Unreimbursed cost of charity care	\$	58,600	\$	45,300
Unreimbursed cost of TennCare		46,000		44,500
Resident and Allied Health education		36,300		35,300
Unreimbursed cost of Medicare		32,500		14,800
Unreimbursed cost of CHAMPUS		6,200		3,400
Subsidized health services		1,500		1,300
Other community health programs		1,300		1,100
Clinical research support		600		700
Behavioral health hospital services			<u>.</u>	2,500
Total cost of charity care, com- munity benefits, and other unrecovered costs		181 000	<i>.</i>	148 000
anteroveren costs	. <u> </u>	183,000	\$	148,900

## 15. Student Financial Aid

Vanderbilt provides financial aid to students based upon need and merit. This financial assistance is funded by institutional resources, gifts, endowment income, and externally sponsored aid.

In fiscal 2008 and 2007, financial aid for tuition and educational fees of \$145.2 million and \$136.5 million was applied to gross tuition and educational fees of \$362.8 million and \$335.5 million, respectively. In fiscal 2008 and 2007, financial aid for room and board of \$19.5 million and \$17.1 million was applied to gross room and board of \$54.2 million and \$46.2 million, respectively.

Loans to students from Vanderbilt funds are carried at cost, which, based on secondary market information, approximates the fair value of educational loans with similar interest rates and payment terms. Loans to qualified students are funded principally with government advances to Vanderbilt under the Perkins, Nursing, and Health Professions Student Loan Programs. Loans receivable from students under governmental loan programs, also carried at cost, can only be assigned to the federal government or its designees. Loan balances are net of allowances for estimated uncollectible accounts of \$4.0 million and \$3.9 million as of June 30, 2008 and 2007, respectively.

## 16. Related Parties

Vanderbilt contracts with certain related parties for the purchase of goods, performance of construction activities, and provision of other services. Significant purchases of goods and services from related parties typically are subject to competitive pricing analyses. During fiscal 2008 and 2007, Vanderbilt had related party transactions approximating \$25.2 million and \$35.3 million, respectively.

## 17. Lease Obligations

Vanderbilt leases certain equipment and real property. These leases are classified primarily as operating leases and have lease terms ranging up to 15 years. Total operating lease expense for fiscal 2008 and 2007 was \$52.7 million and \$50.5 million, respectively.

Future committed minimum rentals on non-cancelable operating leases with initial or remaining lease terms in excess of one year as of June 30, 2008, are as follows (*in thousands*):

2009	\$ 24,352
2010	21,705
2011	16,694
2012	13,573
2013	10,126
Thereafter	48,401
Total future minimum rentals	\$ 134,851

In July 2007, Vanderbilt committed, subject to landlord performance contingencies which have since been met, to lease over 50% of the space in the approximately 850,000-squarefoot 100 Oaks shopping center located within five miles of the main campus.

Plans are to redevelop this space primarily for medical, wellness, and office uses. The term of financial commitments under this operating lease commenced in the latter portion of fiscal 2008 with an initial lease term of 12 years. In addition to having the option to renew the lease five times for additional 10-year periods, Vanderbilt will have the right of first offer to lease additional space as it becomes available. Furthermore, Vanderbilt will have additional rights to subsequently purchase the entire property during the next five years. Minimum rental payments aggregating \$51.6 million related to this space are included in the future minimum rentals above.

In conjunction with its normal business practices related to the leasing of equipment, in February 2005 and March 2004, Vanderbilt established financing mechanisms using tax-exempt bonds issued by the HEFB. As of June 30, 2008, the aggregate amount of bonds outstanding under this financing mechanism is \$15.6 million, and related payments made by Vanderbilt are reported as operating lease expense and included in the future minimum rentals above.

## 18. Commitments and Contingencies

(A) CONSTRUCTION. At June 30, 2008, approximately \$138 million was committed for projects under construction and equipment purchases, to be financed primarily from anticipated debt proceeds.

(B) LITIGATION AND REGULATION. Vanderbilt is a defendant in several legal actions. Management believes that the outcome of these actions will not have a significant effect on Vanderbilt's consolidated financial position.

Vanderbilt's compliance with laws and regulations is subject to future government review and interpretations, as well as regulatory actions unknown or unasserted at this time. Management believes that the liability, if any, from such reviews will not have a significant effect on Vanderbilt's consolidated financial position.

(C) MEDICAL MALPRACTICE LIABILITY INSURANCE.

Vanderbilt is self-insured for the first level of medical malpractice claims. The current self-insured retention is \$5.5 million per occurrence, not to exceed an annual aggregate of \$41.0 million. For this self-insured retention, a trust fund has been established. The funding of the trust is based upon studies performed by an actuarial firm. Excess malpractice and professional liability coverage has been obtained from commercial insurance carriers on a claims-made basis for claims above the retained self-insurance risk levels.

(D) EMPLOYEE HEALTH AND WORKERS COMPENSATION INSURANCE. In addition to the initial tier of self-insured exposure for medical malpractice liability as previously noted, Vanderbilt also is self-insured for employee health insurance and workers compensation coverage. Actuarial liabilities are recorded based upon studies performed by actuarial firms.

(E) FEDERAL AND STATE CONTRACTS AND OTHER REQUIRE-MENTS. Expenditures and F&A costs related to federal and state grants and contracts are subject to adjustment based upon review by the granting agencies. The amounts, if any, of expenditures that may be disallowed by the granting agencies cannot be determined at this time, although management expects they will not have a significant effect on Vanderbilt's consolidated financial position. (F) HEALTH CARE SERVICES REVENUE. Revenue from health care services includes amounts paid under reimbursement agreements with certain third-party payers and is subject to examination and retroactive adjustments. Any differences between estimated year-end settlements and actual final settlements are reported in the year final settlements are known. Substantially all final settlements have been determined through the year ended June 30, 2005.

Under the Health Insurance Portability and Accountability Act of 1996 (HIPAA), the federal government has authority to complete fraud and abuse investigations. HIPAA has established substantial fines and penalties for offenders. Management continues to refine policies, procedures, and organizational structures to enforce and monitor compliance with HIPAA, as well as other government statutes and regulations.

(G) PARTNERSHIP INVESTMENT COMMITMENTS. There were \$807.7 million of commitments to venture capital, real estate, and distressed security investments as of June 30, 2008. These funds may be drawn down over the next several years upon request by the general partners. Management expects to finance these commitments with available cash and expected proceeds from the sale of securities.

(H) MCKENDREE VILLAGE, INC. DEBT GUARANTY. In July 1998, Vanderbilt and McKendree Village, Inc., a not-for-profit retirement community, entered into a joint venture agreement. As of June 30, 2008, the balance of the guaranteed debt was \$17.1 million. No liability has been recorded under this guarantee.

## Schedule of Expenditures of Federal Awards

Trad CPDA         10.20         —         73.52.6         —         73.52.6           US. Depriment of Agrinoma Counted Count Ocean Program         1.478         —         3.59.6         —         1.61         73.52.6         —         1.61         73.52.6         —         1.61         73.52.6         —         1.61         73.52.6         —         1.61         73.52.6         —         1.61         73.52.6         —         —         1.61         73.52.6         —         …	Program	Federal Sponsor/Project Title	CFDA	Flow-through Award Number	Flow-through Entity	Direct	Flow-through	Total
12.5 Department       205       5       101         101       1020       103								
Agsultural & Rund Economic Research       10,259       8, 600.06, 6092       Resources for the Future, Inc.       —       …		U.S. Department of Agriculture Grants for Agricultural Research-Competitive Research Grant		GEISINGER	Pennsylvania State University	+		161 (140)
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		Total CFDA	10.206			161	(140)	21
Total US Department of Agriculture         161         73.36           US. Expertment of Connere:         33.96             Total (CPDA         11.478         33.916            Total US Department of Connere:              US. Department of Connere:               US. Department of Connere:                US. Department of Connere:		Agricultural & Rural Economic Research		58-6000-6-0092	Resources for the Future, Inc.			75,526
U.S. Department of Commerce		Total CFDA	10.250				75,526	75,526
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		Total U.S Department of Agriculture				161	75,386	75,547
Total US Department of Commerce         33,916			11.478			33,916		33,916
U.S. Department of Defense:         12000         N0017807C011066911         -		Total CFDA	11.478			33,916		33,916
12000       N0017807C2011066911       -       -       -       -       -       2006         12000       12000       2242803       -       -       2006       -       -       2006       -       -       2006       -		Total U.S Department of Commerce				33,916		33,916
12000     12000     42424803     -     318,079     3       Total CFDA     1200     -     22104     3       Basic Scientific Research     1243     42424903     SMI Group, Inc.     -     2000       Total CFDA     1243     42420933     SMI Group, Inc.     -     2000     -       Basic Apile and Advanced Research in Science and Engineering     1243     -     -     -     -       Total CFDA     1243     -     -     -     -     -     -       Total CFDA     1240     -     -     -     -     -     -       Research and Technology Development     1200     172919     Boeing Company     -     -     -     -       12100     W311402-08-14014     University of Washington     -     133,622     -       12100     W311402-08-14003     University of Washington     -     133,622     1       12100     W311402-08-14003     University of Washington     -     133,622     1       12100     W311402-08-14003     University of Washington     -     15,503     2       12101     W311402-08-14003     University of Washington     -     15,503     1       12101     W311402-08-14003     University of Washingt		U.S. Department of Defense:						
Basic Scientific Research       12.431 12.431       424204933       SMI Group, Inc.       31.560       2.00         Total CFDA       12.431       31.60       2.00       1       31.60       2.00         Basic, Applied, and Advanced Research in Science and Engineering       12.630       172919       Beeing Company			12.000				318,079	318,079 2,965
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		Total CFDA	12.000				321,044	321,044
Basic, Applied, and Advanced Research in Science and Engineering       12.630       172919       Boeing Company       —       —       —       …		Basic Scientific Research		4224204933	SMI Group, Inc.			31,560 2,040
Instruction       12.630       172919       Boeing Company        (4.822)         Total CFDA       12.630        (4.822)        (4.822)         Research and Technology Development       12.910       HR0011-05-1-0044       University of Washington        (4.822)          12.910       W31P4Q-068-1-0033       University of Washington        (4.822)          12.910       W31P4Q-068-1-0034       University of Washington        (4.822)          12.910       W31P4Q-068-1-0034       University of Washington        (13.622)       11         12.910       Total OFDA       12.910       Totofo127       Lockheed/Martin Marietta Corp        (28.584)       (15.750)         Total ARPA        12.000       4047754013       Meharry Medical School        15.750          Total CFDA       12.000       12.030       12.030       Meharry Medical School        15.750         22.959         22.959         22.959         22.959         22.959         22.959		Total CFDA	12.431			31,560	2,040	33,600
Research and Technology Development       12.910       HR0011-05-1-0044       University of Washington		Basic, Applied, and Advanced Research in Science and Engineering		172919	Boeing Company			(4,822)
12.910       HR0011-05-1-0044       University of Washington       —       41.915         12.910       W3IP4Q.08-1-0003       University of Washington       —       41.915         12.910       W3IP4Q.08-1-0003       University of Washington       —       13.86.02       1         Total CFDA       12.910       W3IP4Q.08-1-0003       University of Washington       —       28.584       197.066       2         Total CFDA       12.910       W3IP4Q.08-1-0003       Meharry Medical School       —       60.144       515.328       5         Defense Secretary       12.000       4047754013       Meharry Medical School       —       =       =       =       =		Total CFDA	12.630				(4,822)	(4,822)
Total ARPA       60,144       515,328       5         Defense Secretary       12,000       4047754013       Meharry Medical School       —       … <td></td> <td>Research and Technology Development</td> <td>12.910 12.910</td> <td>W31P4Q-08-1-0003</td> <td>University of Florida</td> <td></td> <td>41,915 133,622</td> <td>28,584 41,915 133,622 21,529</td>		Research and Technology Development	12.910 12.910	W31P4Q-08-1-0003	University of Florida		41,915 133,622	28,584 41,915 133,622 21,529
Defense Secretary       12.000       4047754013       Meharry Medical School       —       —       —       —       15,750         Total CFDA       12.000       12.000       12.000       —       —       15,750         Basic, Applied, and Advanced Research in Science and Engineering       12.630       —       —       —       22,399         Total CFDA       12.630       H9400304D0004       Northrop Grumman Corporation       —       22,399         Total Defense Secretary       —       —       38,149       —         Defense Threat Reduction Agency       —       —       —       —       —         Basic and Applied Scientific Research       12.300       4224233773       Honeywell Systems       —       —       —       —         12.300       SC-0008-02-0016/VAN01       ATK Mission Research       —       528,053       5         12.300       DTRA10-7C-0037       Alpylam Pharmaceuticals, Inc.       —       92,981       5         12.300       DTRA01-03-D-0007       Bas Systems, Inc.       —       31,932       —		Total CFDA	12.910			28,584	197,066	225,650
12.000       4047754013       Meharry Medical School       —       —       —       —       —       —       —       —       15,750         Total CFDA       12.000       12.000       —       —       15,750       —       —       …		Total ARPA				60,144	515,328	575,472
12.000       4047754013       Meharry Medical School       —       15,750         Total CFDA       12.000       —       15,750       —       15,750         Basic, Applied, and Advanced Research in Science and Engineering       12.630       H9400304D0004       Northrop Grumman Corporation       —       —       22,399         Total CFDA       12.630       H9400304D0004       Northrop Grumman Corporation       —       22,399         Total CFDA       12.630       H9400304D0004       Northrop Grumman Corporation       —       22,399         Total Defense Secretary       —       —       38,149       —       —         Defense Threat Reduction Agency       —       12.300       4224233773       Honeywell Systems       —       —       —         12.300       4224233773       Honeywell Systems       —       —       —       —       —         12.300       Scon008-02-0016/VAN01       ATK Mission Research       —       1,891       —       5         12.300       DTRA1-07-C-0037       Alnylam Pharmaceuticals, Inc.       —       92,981       —         12.300       DTRA01-03-D-0007       Bae Systems, Inc.       —       31,932       —		Defense Secretary						
Total CFDA       12.000       —       15,750         Basic, Applied, and Advanced Research in Science and Engineering       12.630       H9400304D0004       Northrop Grumman Corporation       —       —       22,399         Total CFDA       12.630       H9400304D0004       Northrop Grumman Corporation       —       22,399         Total CFDA       12.630       —       —       22,399         Total Defense Secretary       —       38,149       —         Defense Threat Reduction Agency       —       —       1,891         Basic and Applied Scientific Research       —       1,891       1         12.300       4224233773       Honeywell Systems       —       1,891         12.300       DTRA1-07-C-0037       Alnylam Pharmaceuticals, Inc.       —       92,981         12.300       DTRA01-03-D-0007       Bae Systems, Inc.       —       31,932				4047754013	Meharry Medical School	_		15,750
Basic, Applied, and Advanced Research in Science and Engineering       12.630       H9400304D0004       Northrop Grumman Corporation        22,399         Total CFDA       12.630       H9400304D0004       Northrop Grumman Corporation        22,399         Total Defense Secretary        38,149         Defense Threat Reduction Agency Basic and Applied Scientific Research       12.300        1,891         12.300       4224233773       Honeywell Systems        1,891         12.300       SC-0008-02-0016/VAN01       ATK Mission Research        528,053       5         12.300       DTRA01-07-C-0037       Alnylam Pharmaceuticals, Inc.        92,981         12.300       DTRA01-03-D-0007       Bae Systems, Inc.        31,932		Total CFDA						15,750
Interfact of the sector of								
Total Defense Secretary       —       38,149         Defense Threat Reduction Agency Basic and Applied Scientific Research       12.300       12.300       Honeywell Systems       —       —       —         12.300       \$224233773       Honeywell Systems       —       1.891       —       1.891         12.300       \$C-0008.02.0016/VAN01       ATK Mission Research       —       528,053       5         12.300       DTRA1-07-C-037       Alnylam Pharmaceuticals, Inc.       —       92,981         12.300       DTRA01-03-D-0007       Bae Systems, Inc.       —       31,932			12.630	H9400304D0004	Northrop Grumman Corporation		22,399	22,399
Defense Threat Reduction Agency Basic and Applied Scientific Research       12.300		Total CFDA	12.630				22,399	22,399
Basic and Applied Scientific Research       12.300       + 12.300		Total Defense Secretary					38,149	38,149
Total CFDA 12.300 — 654,857 6			12.300 12.300 12.300	SC-0008-02-0016/VAN01 DTRA1-07-C-0037	ATK Mission Research Alnylam Pharmaceuticals, Inc.	_	1,891 528,053 92,981	1,891 528,053 92,981 31,932
		Total CFDA	12.300				654,857	654,857

## Schedule of Expenditures of Federal Awards

Program	Federal Sponsor/Project Title	CFDA	Flow-through Award Number	Flow-through Entity	Direct	Flow-through	Total
	Basic Scientific Research - Combating Weapons of Mass Destruction	12.351			\$33,371		33,371
	Total CFDA	12.630			33,371		33,371
	Basic, Applied, and Advanced Research in Science and Engineering	12.630 12.630	HDTRA1-07-C-0047			126,894	126,894
	Total CFDA	12.630				126,894	126,894
	Research and Technology Development	12.910 12.910	221594	Boeing Company	24,943	1,944	24,943 1,944
	Total CFDA	12.910			24,943	1,944	26,887
	Total Defense Threat Reduction Agency				58,314	783,695	842,009
	Air Force Basic and Applied Scientific Research	12.300 12.300	FA8750-06-C-213	Escher Research Institute		8,279	8,279
	Total CFDA	12.300				8,279	8,279
	Basic, Applied, and Advanced Research in Science and Engineering	12.630 12.630 12.630 12.630	W31P4Q07C0083 FA865006C2659 F33601-03-F-0060	Systran Federal Corporation Combustion Science & Engineering, Inc. Anteon Corporation	2,139,445	4,366 49,084 945	2,139,445 4,366 49,084 945
	Total CFDA	12.630			2,139,445	54,395	2,193,840
	Air Force Defense Research Sciences Program	12.800 12.800 12.800 12.800 12.800 12.800	FA9550-06-1-0244 FA8750-05 FA8650-07-M-3725 FA8650-08-C-3829	Univ of California Berkley University of Southern California Industrial Measurement Systems Industrial Measurement Systems	2,657,003	135,600 324,291 22,180 7,840	2,657,003 135,600 324,291 22,180 7,840
	Total CFDA	12.800			2,657,003	489,911	3,146,914
	Research & Technology Development	12.910			511,909		511,909
	Total CFDA	12.910			511,909		511,909
	Total Air Force				5,308,357	552,585	5,860,942
	Army	12.000 12.000 12.000	DAMD17-02-1-0693 PO#G6004901	Wayne State University EOIR Technologies, Inc.	1,233,862	1,811 8,747	1,233,862 1,811 8,747
	Total CFDA	12.000			1,233,862	10,558	1,244,420
	Basic and Applied Scientific Research	12.300 12.300	#531-0829-01	Purdue University		133,626	133,626
	Total CFDA	12.300				133,626	133,626
	National Guard Civilian Youth Opportunities	12.404 12.404 12.404	W31P4Q08C0081 W9113M-07-C-0183	Advanded Engineering Technology, Inc. Advanded Engineering Technology, Inc.		41,098 15,879	41,098 15,879
	Total CFDA	12.404				56,977	56,977
	Military Medical Research & Development	12.420 12.420 12.420 12.420 12.420 12.420	W81XWH-06-1-0654 W81XWH06C0391/PO 738 W81XWH07C0092/PO 725 W81XWH-04-2-0031	Rutgers, The State Univ of NJ CFD Research Corporation CFD Research Corporation Rutgers, The State Univ of NJ	3,449,922 	13,797 61,602 36,164 70,421	3,449,922 13,797 61,602 36,164 70,421
	Total CFDA	12.420			3,449,922	181,984	3,631,906
	Basic Scientific Research	12.431 12.431 12.431 12.431 12.431 12.431	05-655K-0000 4224234093 W909MY060C0040/532362 W15P7T07CP218	University of Nevada Las Vegas University of Memphis TN Technology University TN Technology University	3,738,731	26,388 10,107 155,214 188,897	3,738,731 26,388 10,107 155,214 188,897

#### Schedule

#### Vanderbilt University

## Schedule of Expenditures of Federal Awards

12-10         W11NPXC0187         Logench. Inc.         5         -         67.52.8         87.92.0           L-10         W11NPXC0187         Logench. Inc.         -         10.73.4	Program	Federal Sponsor/Project Title	CFDA	Flow-through Award Number	Flow-through Entity	Direct	Flow-through	Total
Tud. CFPA         1241         1338.231         2240.297         5.9750.28           Bask. Applied, and Advanced Research in Science and Engineering         12.609         V150KN000007         Information System Technologies, Inc.         -         -         2.69         200           Call CFPA         12.609         V150KN00007         Information System Technologies, Inc.         -         14.452         14.452           Research & Technologies, Inc.         -         2.6217         26.217         26.217         26.217           Research & Technologies, Inc.         -         0.10.000         91.000         91.000         91.000           Toal CFPA         12.00         PC-C0312.313366         BAE System, Inc.         -         0.10.000         91.000           Toal CFPA         12.00         N0034 (84.104         Tech. A Copporation         -			12.431 12.431	W911NF0720046 W911NF-06-1-0076	Auburn University Univ of California, Berkley	·	10,724 134,543	10,724 134,543
Busic, Applied, and Advanced Research in Science and Engineering         12.400         W150KN05C0089         Information System Technologies, Inc.         -				HMAOEMB000004	воения Сотрану			
Land         Land         W150X070007         Information System Technologies, Inc.         —         209         209           Teal CFDA         12.60         W150X070007         Information System Technologies, Inc.         —         12.424         11.428         11.428           Resenth & Technology Development         12.910         07-C031231356         BAE System, Inc.         —         91.000         91.000           Tool CFDA         12.900         07-C031231356         BAE System, Inc.         —         91.000         91.000           Tool Any						3,/38,/31	2,240,297	5,979,028
Rescarch & Technology Development         12.910 12.90         or C-031231356         BAE Systems, Inc.		Basic, Applied, and Advanced Research in Science and Engineering	12.630 12.630	W15QKN07C0037	Information System Technologies, Inc.	—	249 11,546	11,546
Line         12.00         07-C-031231386         BAE Systems, Inc.         —         91,069         91,069           Total CPDA         12.00         North         8,422,15         2,740,719         11,163,234           Nary         -		Total CFDA	12.630				26,217	26,217
Total Amy         8.422.515         2.740,719         11,163,234           Nay         12.000         N0335.08.C.0054.         Purina Research Corporation         - <td></td> <td>Research &amp; Technology Development</td> <td></td> <td>07-C-0312/313586</td> <td>BAE Systems, Inc.</td> <td></td> <td>91,060</td> <td>91,060</td>		Research & Technology Development		07-C-0312/313586	BAE Systems, Inc.		91,060	91,060
Nay		Total CFDA	12.300			_	91,060	91,060
12.000         N68335-08-C-0084         Puritian Research Corporation		Total Army				8,422,515	2,740,719	11,163,234
12000         N8335-08-C-084         Puritan Research Corporation         -         2,211         2,211         2,11         2,11         2,11         1,774         <		Navy						
Basic and Applied Scientific Research         12.300         NO0014 06-M-0.005         Purina Research Corporation         809,712         T         6         809,712           12.300         NO00173-06-1.G027         State University of New York         —         7.35,843         155,843           12.300         MCVVAN-07         ATK Mission Research         —         013,843         155,843           12.300         MCVVAN-07         ATK Mission Research         —         013,837         (11,387)           12.300         MCVVAN-07         ATK Mission Research         —         01,13,371         (11,387)           12.300         MCVVAN-08         ATK Mission Research         —         01,13,371         (11,387)           12.300         MCVAN-09         ATK Mission Research         —         0,595         (595)           12.300         N0014-04-0-5059/VAN09         ATK Mission Research         —         17,560         71,560           12.300         N0014-05-10437 N10         Parket University         —         45577         47,677           12.300         N0014-05-10437 N10         Parket University         —         45597         17,617           12.300         N0014-05-10437 N10         Parket University         —         250,017			12.000				2,411	
Basic and Applied Scientific Research         12.300         NO0014 06-M-0.005         Puritian Research Corporation          809,712          809,712           12.300         N000173-06-1-G027         State University of New York          153,843         155,843           12.300         MRC/VAN-07         ATK Mission Research          153,843         155,843           12.300         MRC/VAN-07         ATK Mission Research          1(1,387)         (11,387)           12.300         MRC/VAN-08         ATK Mission Research          (11,387)         (11,387)           12.300         MRC/VAN-06         ATK Mission Research          (11,387)         (11,387)           12.300         N0014-08-1-0655         Univ of California, Santa Barbara          (555)         (595)           12.300         N00014-08-1-0657         Johns Hopkins University          4997         74-6         75.6           12.300         N0014-08-1-0647         Partice University          71.560         71.560           12.300         N0014-08-1-0471         Partice University          49977         4725.201		Total CFDA	12.000				20,185	20,185
12.30       N001340-1-027       State University of New York       —       135,843       135,843         12.300       MKCVAA-07       ATK Mission Research       —       (78)       (78)       (78)         12.300       MKCVAA-08       ATK Mission Research       —       (78,961)       (78,961)         12.300       MKCVAA-08       ATK Mission Research       —       (39,22)       32,21         12.300       MKCVAA-08       ATK Mission Research       —       (39,22)       (39,22)         12.300       MKCVAA-08       ATK Mission Research       —       (39,23)       (39,37)         12.300       MO0140-20-6505       Univ of California, Santa Barbara       —       33,251       (35,37)         12.300       M00140-30-26606       Johns Hopkins University       —       83,871       83,871         12.300       N00140-20-2659V-AN09       ATK Mission Research       —       9,999       9,999         12.300       N00140-51-0437       Purdue University       —       (31,7)       (31,7)         12.300       N00140710749/57100223       Massachusetts Institute of Tech       —       64,458       64,458         12.300       N000140710749/57100223       Massachusetts Instinte of Tech       — <td< td=""><td></td><td></td><td>12.300</td><td></td><td></td><td>809,712</td><td></td><td>809,712</td></td<>			12.300			809,712		809,712
12.300       MCVAN-07       ATK Mission Research        (78)       (78)         12.300       MCVAN-07       ATK Mission Research        (78,961)       (78,961)         12.300       MCVAN-08       ATK Mission Research        (11,37)       (11,37)         12.300       MCVAN-0655       Univ of California, Santa Barbara        (3,921       3,921         12.300       N00014-08-1-0655       Univ of California, Santa Barbara        (13,87)       (13,87)         12.300       N0004-02-0-6599       Univ of California, Santa Barbara        71,560       (71,50)         12.300       N0014-02-0-6599       ATK Mission Research        71,560       71,560         12.300       N0014-02-0-6599       ATK Mission Research        475,657       475,657         12.300       N0014-02-0-6399       ATK Mission Research        (317)       (317)         12.300       N0014-02-0-6399       ATK Mission Research        (44,58)       64,458         12.300       N0014-02-0-6399       ATK Mission Research        65,250       65,250         12.300       N0014-02-0-6399       ATK Mission Research								
12.300       MRCVAN-08       ATK Mission Research       —       (11.387)       (11.387)         12.300       N00140-10-655       Univ Oralifonia, Sant Barbana       —       (595)       (595)         12.300       N00140-10-25-0509/VAN03       ATK Mission Research       —       (595)       (595)         12.300       N0014-02-D-6509/VAN03       ATK Mission Research       —       (71.560)       (71.560)         12.300       N0014-02-D-6509/VAN09       ATK Mission Research       —       (71.560)       (71.560)         12.300       N0014-02-D-6509/VAN10       ATK Mission Research       —       475.657       (475.657)         12.300       N001402C6599       ATK Mission Research       —       (317)       (317)         12.300       N001402C6599       ATK Mission Research       —       25.01       25.01         12.300       N001402C6599       ATK Mission Research       —       64.458       64.458         12.300       N00140707497100223       Maschwets Institute of Tech       —       65.250       65.250         12.300       MC0140-D-C-6599       ATK Mission Research       —       65.250       65.250         12.300       N00140707497100223       Maschwets Institute of Tech       —       — <td></td> <td></td> <td>12.300</td> <td>MRC/VAN-07</td> <td>ATK Mission Research</td> <td>—</td> <td>(781)</td> <td>(781)</td>			12.300	MRC/VAN-07	ATK Mission Research	—	(781)	(781)
12.300       N0014-08-1-0655       Univ of California, Santa Barbara       —       3.921       3.921       3.921         12.300       SC 6599-0-0012/VAN03       ATK Mission Research       —       6595       (595)         12.300       N0014-0306606       Johns Hopkins University       —       88.871       88.871         12.300       N0014-0206699 VAN00       ATK Mission Research       —       9.999       9.999         12.300       N0014-0206599 VAN1013       Tech-X Corporation       —       9.999       9.999         12.300       N00014-0206599       ATK Mission Research       —       330,751       350,751         12.300       N00014-02-06599       ATK Mission Research       —       350,751       350,751         12.300       N00014-02-06599       ATK Mission Research       —       66,379)       (6,379)         12.300       N00014-02-06599       ATK Mission Research       —       66,379)       (6,379)         12.300       N00014-02-06599       ATK Mission Research       —       66,379)       (6,379)         12.300       N0004-06-C-8005       Johns Hopkins University       —       65,250       (6,379)         12.300       MC004-06-C-8005       Johns Hopkins University       —								
12.300       \$C-6599-02-0012/VAN03       ATK Mission Research       —       (595)       (595)         12.300       N0016402-D-6509 VAN09       ATK Mission Research       —       71.560       71.560         12.300       N0016402-D-6509 VAN09       ATK Mission Research       —       71.560       71.560         12.300       SC-6599-02-0012/VAN03       ATK Mission Research       —       9.999       9.9999         12.300       SC-6599-02-0012/VAN10       ATK Mission Research       —       475.657       475.657         12.300       N0014-05-1-0437       Purdue University       —       (317)       (317)       (317)         12.300       N0014-05-1-0437       Purdue University       —       25.201       25.201       25.201         12.300       N0014-01749/957100223       Massachusetts Institute of Tech       —       64.458       64.458         12.300       N00140710749/957100223       Massachusetts Institute of Tech       —       65.250       65.250         Total CFDA       12.300       N0030-05-C-0035       Johns Hopkins University       —       65.250       65.250         Total CFDA       12.910       N0030-05-C-0035       Aerojet Tech Systems       —       _       _       _       _								
12.300       N00164-02-D-5999/VAN09       ATK Mission Research       —       71,500       71,500         12.300       N0533807M0113       Tech-X Corporation       —       9999       99999         12.300       SC-6599-02-0012/VAN10       ATK Mission Research       —       475,657       475,557         12.300       SC-6599-02-0012/VAN10       ATK Mission Research       —       475,657       475,657         12.300       N0014-05-104371       Purdue University       —       0.301,751       350,751         12.300       N0014-05-104377       Purdue University       —       25,201       25,201         12.300       N0014071049/57100223       Massuchusetts Institute of Tech       —       64,458       64,458         12.300       N00014071049/57100223       Massuchusetts Institute of Tech       —       65,250       65,250         Total CFDA       12.300       N003-05-C-0035       AeroJet Tech Systems       —       —       2,231,273       2,231,273       2,231,273       2,231,273       2,231,273       2,231,273       2,231,273       2,231,273       2,231,273       2,231,273       2,231,273       2,231,273       2,231,273       2,231,273       2,231,273       2,231,273       2,231,273       2,231,273       2,231,273						—	(595)	(595)
12.300       N6533807M0113       Tech-X Corporation       —       9,999       9,999         12.300       SC-6559-02-0012/VAND       ATK Mission Research       —       475,657       475,657         12.300       N00014-05-1-0437       Purdue University       —       (317)       (317)         12.300       N00016402C6599       ATK Mission Research       —       350,751       350,751         12.300       N000140710749/57100223       Massachusetis Institute of Tech       —       64,458       64,458         12.300       M000140710749/57100223       Massachusetis Institute of Tech       —       66,379)       65,250         12.300       M000140710749/57100223       Massachusetis Institute of Tech       —       66,458       64,458         12.300       M0001407-10-6-5809       ATK Mission Research       —       66,379)       65,250         12.300       M00030-05-C-0035       Johns Hopkins University       —       65,250       65,250         Total CFDA       12.910       N00030-05-C-0035       Aerolet Tech Systems       —       _       2,231,273       2,231,273         Total CFDA       12.910       N00030-05-C-0035       Aerolet Tech Systems       —       _       _       _       2,231,273       2,23						—		
12.300       SC-6599-02-012/VAN10       ATK Mission Research        475,657       475,657         12.300       N0001405-104377       Purdue University        (317)       (317)         12.300       N0001402-C6599       ATK Mission Research        25,01       350,751         12.300       N001402-C6599       ATK Mission Research        25,201       22,201         12.300       N00140710749/97100223       Massachusets listitue of Tech        64,458       64,458         12.300       N0601-06-C-8005       Johns Hopkins University        65,250       65,250         12.300       N66001-06-C-8005       Johns Hopkins University        65,250       65,250         12.300       N00030-05-C-0035       AeroJet Tech Systems             Research & Technology Development       12.910       N00030-05-C-0035       AeroJet Tech Systems             12.910       N00030-05-C-0035       AeroJet Tech Systems         2,231,273       2,231,273         Total CFDA       12.910 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>								
12.300       N00014-05-1-0437       Purdue University       —       (317)       (317)       (317)         12.300       N0001402C6599       ATK Mission Research       —       350,751       350,751         12.300       N6871105C0076       Auburn University       —       22,201       25,201         12.300       N000110710749/57100223       Massachusetts Institute of Tech       —       66,458       66,4639         12.300       NRCN164-02-De599       ATK Mission Research       —       66,379)       65,250       65,250         Total CFDA       12.300       N6001-06-C-8005       Johns Hopkins University       —       65,250       65,250         Research & Technology Development       12.910       —       —       —       —       2.231,273         Total CFDA       12.910       N0003-05-C-0035       AeroJet Tech Systems       —       —       2.231,273         Total Navy								
12.300       N0016402C5599       ATK Mission Research       —       350,751       350,751         12.300       N6871105C0076       Auburn University       —       25,201       25,201         12.300       N000140710749/57100223       Massachusetts Institute of Tech       —       66,379)       (6,379)         12.300       MRCN164-02-D-6599       ATK Mission Research       —       (6,379)       (6,379)         12.300       MRCN164-02-D-6599       ATK Mission Research       —       (6,379)       (6,379)         Total CFDA       12.300       N0030-05-C-0355       AeroJet Tech Systems       —       2,231,273       2,231,273         Total CFDA       12.910       N0030-05-C-0355       AeroJet Tech Systems       —       2,231,273       2,231,273         Total CFDA       12.910       N0030-05-C-0355       AeroJet Tech Systems       —       2,231,273       2,231,273         Total Navy								
12.300       N6871105C0076       Auburn University        25,201       25,201         12.300       N000140710749/57100223       Massachusetts Institute of Tech        66,379       66,379         12.300       MRCN164.02-D-6599       Afford -0.2-D-6399       Jins Hopkins University        65,250       65,250         Total CFDA       12.300       N0030-05-C-0035       AeroJet Tech Systems             Research & Technology Development       12.910       N00030-05-C-0035       AeroJet Tech Systems        2,231,273       2,231,273         Total CFDA       12.910       N00030-05-C-0035       AeroJet Tech Systems <td></td> <td></td> <td></td> <td></td> <td></td> <td>_</td> <td></td> <td></td>						_		
12.300       MRCN164-02-D-6599       ATK Mission Research       —       (6,379)       (6,379)         Total CFDA       12.300       N66001-06-C-8005       Johns Hopkins University       —       65,250       65,250         Research & Technology Development       12.910       N00030-05-C-0035       AeroJet Tech Systems       —       —       2,231,273       2,231,273         Total CFDA       12.910       N00030-05-C-0035       AeroJet Tech Systems       —       2,231,273       2,231,273         Total CFDA       12.910       N00030-05-C-0035       AeroJet Tech Systems       —       2,231,273       2,231,273         Total CFDA       12.910       N00030-05-C-0035       AeroJet Tech Systems       —       2,231,273       2,231,273         Total Navy			12.300	N6871105C0076		_		
12.300       N66001-06-C-8005       Johns Hopkins University						_		
Total CFDA       12.300       809,712       1,195,507       2,005,219         Research & Technology Development       12.910       N00030-05-C-0035       AeroJet Tech Systems       —       2,231,273								
Instrume     Instrum     Instrume     Instrume     Instru		Total CFDA			1	809,712		
Total CFDA     12.910		Research & Technology Development	12.910					
Total Navy         809,712         3,446,965         4,256,677           Marines         Basic, Applied, and Advanced Research in Science and Engineering         12,630         M67854-07-D-1035/S0812         Kansas State University         —         >         _         _			12.910	N00030-05-C-0035	AeroJet Tech Systems		2,231,273	2,231,273
Marines Basic, Applied, and Advanced Research in Science and Engineering         12.630         M67854-07-D-1035/S0812         Kansas State University         —         Mit No		Total CFDA	12.910				2,231,273	2,231,273
Basic, Applied, and Advanced Research in Science and Engineering       12.630       M67854-07-D-1035/S0812       Kansas State University       —       M67854-07-D-1035/S0812       Kansas State University       M67854-07-D-1035/S0812       Kansas State University       M67854-07-D-1035/S0812       Kansas State University       M67854-07-D-1035/S0812 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td>809,712</td> <td>3,446,965</td> <td>4,256,677</td>						809,712	3,446,965	4,256,677
				M67854-07-D-1035/S0812	Kansas State University	_		
		Total CFDA	12.630				5,557	5,557
		Total Marines					5,557	

## Schedule of Expenditures of Federal Awards

Federal Sponsor/Project Title	CFDA	Flow-through Award Number	Flow-through Entity	Direct	Flow-through	Total
National Security Agency						
Mathematical Sciences Grants Program	12.901		\$	12,441		12,441
Total CFDA	12.901			12,441		12,441
Total National Security Agency				12,441		12,441
Total U.S. Department of Defense				14,671,483	8,082,998	22,754,481
U.S. Department of State: Prog for Study of Eastern Europe & Independent States of Former Soviet	19.300	821.04	Nati'l Council for Eurocian & Eur	_		11,559
Total CEDA		021-04	Nati i Coulen foi Eurasian & Eur			11,559
	19.500					11,559
-					11,555	11,559
U.S. Department of Education	84.000 84.000 84.000	4201002003 4261302093 4262602993	Howard University State of Idaho University of Pennsylvania		3,156 167,832 74,274	3,156 167,832 74,274
Total CFDA	84.000				245,262	245,262
National Institute on Disability and Rehabilitation Research	84.133			308,653		308,653
Total CFDA	84.133			308,653		308,653
Education Research, Development and Dissemination	84.305			8,254,964		8,254,964
	84.305 84.305 84.305 84.305 84.305 84.305	4261002163 4262102323 ER-06-CO-0019 S2006-03 4262102473 4264302003 B 30511040001	University of Michigan Wayne County TN Schools Learning Point Associates State University of New York Harvard University MDRC		(14,444) 120,018 129,654 387,607 179,896	(14,444) 120,018 129,654 387,607 179,896
Total CFDA		10000010001		8 254 964	802 731	9,057,695
Research in Special Education	84.324 84.324 84.324 84.324 84.324 84.324	4262332925 5830-0479 UF07088 132H731	University of South Florida University of South Florida University of Florida University of Wisconsin	4,255,561	(112) (270) 15,444 56,371	4,255,561 (112) (270) 15,444 56,371
Total CFDA	84.324			4,255,561	71,433	4,326,994
Special Education Tech & Media Services for Individuals w/Disabilities	84.327			22,217		22,217
Total CFDA	84.327			22,217		22,217
Grants for Enhanced Assessment Instrument	84.368 84.368	4264302031	State of South Carolina		12,733	12,733
Total CFDA	84.368				12,733	12,733
Special Education Tech Assistance on State Data Collection	84.373			77,808		77,808
Total CFDA	84.373			77,808		77,808
Total U.S. Department of Education				12,919,203	1,132,159	14,051,362
U.S. Department of Energy						
Energy	81.000 81.000 81.000 81.000 81.000 81.000 81.000 81.000 81.000	DE-AC05-000R22725 DEAC5206NA25396 4206344273 W-7405-ENG-36 4206314393 66427-001-08 PO#51755 PO578455	Batelle Memorial Institute Los Alamos Laboratories Oak Ridge Assoc Universities Los Alamos Laboratories Fermi Nat'l Accelerator Lab Los Alamos Laboratories Fermi Nat'l Accelerator Lab Fermi Nat'l Accelerator Lab		3,678 10,301 97,600 8,659 4,066 3,188 10,960	3,678 10,301 97,600 8,659 4,066 3,188 10,960
	National Security Agency Mathematical Sciences Grants Program Total CFDA Total National Security Agency Total U.S. Department of Defense U.S. Department of State: Prog for Study of Eastern Europe & Independent States of Former Soviet Total CFDA Total CFDA Total CFDA National Institute on Disability and Rehabilitation Research Total CFDA Education Research, Development and Dissemination Total CFDA Education Research, Development and Dissemination Total CFDA Education Research in Special Education Total CFDA Special Education Tech & Media Services for Individuals w/Disabilities Total CFDA Grants for Enhanced Assessment Instrument Total CFDA Special Education Tech Assistance on State Data Collection Total CFDA	National Security Agency       12.901         Total CFDA       12.901         Total National Security Agency       12.901         Total National Security Agency       19.300         Total U.S. Department of State:       19.300         Prog for Study of Eastern Europe & Independent States of Former Soviet       19.300         Total CFDA       19.300         Total U.S. Department of State       19.300         U.S. Department of Education       84.000         Wational Institute on Disability and Rehabilitation Research       84.133         Total CFDA       84.305         Research, Development and Dissemination       84.305         84.305       84.305         84.305       84.305         84.305       84.305         84.305       84.305         84.305       84.305         84.305       84.305         84.305       84.305         84.305       84.305         84.305       84.305         84.305       84.305         84.305       84.305         84.305       84.305         84.305       84.305         84.305       84.305         84.305       84.305         Research in Sp	National Security Agency Mathematical Sciences Grants Program     12.901       Total CFDA     12.901       Total Xinional Security Agency Total U.S. Department of Defense     12.901       U.S. Department of State: Prog for Study of Eastern Europe & Independent States of Former Soviet     19.300       Total CFDA     19.300       Total CFDA     19.300       Total CFDA     19.300       Total CFDA     201002003       Astoon     4201002003       84.000     420302093       84.000     420302093       84.000     420302093       84.000     420302093       84.000     420302093       84.000     420302093       84.000     420302093       84.000     420302093       84.000     420302093       84.000     420302093       84.000     420302093       84.001     84.000       National Research, Development and Dissemination     84.305       Research in Special Education     84.305       Research in Special Education     84.324       84.324     4264302031       84.324     4264302031       84.324     4264302031       84.324     4264302031       7 total CFDA     84.324       Research in Special Education     84.324	National Scoretry Agency Multicantical Sciences Grams Frogram         12:001         S           Total CFDA         12:001         S           Total Nutional Scoretry Agency Total US. Department of Defence         19:300         S21-04         Nat'l Counsel for Earnsian & Eur           U.S. Department of State Prog for Study of Eastern Europe & Independent States of Former Soviet         19:300         S21-04         Nat'l Counsel for Earnsian & Eur           U.S. Department of State         4201002003         Howard University         State of Mathematical Sciences (Mathematical Sciences (Mathemati	National Security Agency     S     12.01       National Security Agency     12.001       Total National Security Agency     12.01       Total National Security Agency     12.01       Total National Security Agency     14.014.33       U.S. Department of Delay     14.014.34       U.S. Department of State:     19.300       Prog for Study of Education     4.01002003       Kalon     4.201002003       State of Total US Department of State	National Scenity Agency Mathematical Scenity Agency Total (TDA)         12.001         S         12.41

## Schedule of Expenditures of Federal Awards

ram Federal Sponsor/Project Title	CFDA	Flow-through Award Number	Flow-through Entity	Direct	Flow-through	Total
	81.000 81.000	4000049157 POEP8663	Batelle Memorial Institute Honeywell International, Inc.	\$	132,906	132,906
Total CFDA	81.000				353,427	353,427
University Laboratory Cooperative Program	81.004 81.004 81.004	PO#4000036178 4000053959 4206354315	Battelle Memorial Institute Battelle Memorial Institute Joint Inst for Heavy Ion Research		5,699 97,386 (5,748)	5,699 97,386 (5,748
Total CFDA	81.004				97,337	97,337
Office of Science Financial Assistance Program	81.049 81.049 81.049 81.049 81.049 81.049	ZCO-7-77390-01 4000068798 4000059921 278573 4000056541	Nat'l Renewable Energy Lab UT Batelle, LLC UT Batelle, LLC Sandia Nat'l Laboratories UT Batelle, LLC	6,581,452 	11,776 4,006 89,714 (17) 418	6,581,452 11,776 4,006 89,714 (17 418
Total CFDA	81.049			6,581,452	105,897	6,687,349
Fossil Energy Research and Development	81.089 81.089	DEFC26074NT4309	Honeywell International, Inc.		261,338	261,338
Total CFDA	81.089				261,338	261,338
Office of Environmental Waste Processing	81.104 81.104	229045	Sandia National Laboratories		16,892	16,892
Total CFDA	81.104				16,892	16,892
Total U.S. Department of Energy				6,581,452	834,891	7,416,343
Environmental Protection Agency Science to Achieve Results (STAR) Research Program	66.509			215,072		215,072
Total CFDA	66.509			215,072		215,072
Greater Research Opportunities (GRO) Research Program	66.515 66.515	05-CE-421146-VU	Auburn University		30,908	30,908
Total CFDA	66.515				30,908	30,908
Environmental Policy & Innovation Grants	66.611			15,350		15,350
Total CFDA	66.611			15,350		15,350
Pollution Prevention Grants Program	66.708 66.708 66.708 66.708	RN04-0004 RN04-0003 RN06-0031	Upjohn Corporation Upjohn Corporation Upjohn Corporation		49,372 27,579 38,882	49,372 27,579 38,882
Total CFDA	66.708				115,833	115,833
Total Environmental Protection Agency U.S. Department of Health & Human Services Center for Medicare and Medicaid Service:				230,422	146,741	377,163
	93.000			149,002		149,002
Total CFDA	93.000			149,002		149,002
Total Center for Medicare and Medicaid Services				149,002		149,002
Administration of Children and Families Temporary Assistance for Needy Families	93.558 93.558	GR-06-17098-00	TN Dept of Human Services		679,230	679,230
Total CFDA	93.558				679,230	679,230
Total Administration of Children and Families					679,230	679,230

## Schedule of Expenditures of Federal Awards

Program	Federal Sponsor/Project Title	CFDA	Flow-through Award Number	Flow-through Entity	Direct	Flow-through	Total
	Agency for Healthcare Research and Quality						
		93.000			\$ 88,458		88,458
	Total CFDA	93.000			88,458		88,458
	Research on Healthcare Costs, Quality and Outcomes	93.226 93.226	R01HS13610	University of Wisconsin	1,423,245	3,233	1,423,245 3,233
		93.226	R01HS15508	Mayo Fdn for Med Educ & Rsch		43,523	43,523
	Total CFDA	93.226			1,423,245	46,756	1,470,001
	Total Agency for Healthcare Research and Quality Substance Abuse and Mental Health Services Administration	93.000			1,511,703	46,756	1,558,459
	Substance Abuse and Mental Health Services Administration	93.000	27020070004	Chestnut Health Systems	_	3,344	3,344
		93.000	4264600191	Catholic Charities Diocese of Jackson, MS		25,620	25,620
	Total CFDA	93.000				28,964	28,964
	Community Mental Hlth Srvcs for Children w/Serious Emotional Disturb	93.104 93.104	GR-00-12936-02	TN Dept of MH/DD	_	(8,580)	(8,580)
		93.104	GR-03-14845-00	TN Dept of MH/DD	_	(11,236)	(11,236)
		93.104 93.104	GR-04-15561-00 GR-05-16357-00	TN Dept of MH/DD TN Dept of MH/DD	_	(11,722) (15,345)	(11,722) (15,345)
	Total CFDA	93.104 93.104	GK-05-10557-00	IN Dept of MH/DD		(46,883)	(46,883)
	Projects of Regional & National Significance	93.104				(40,885)	(40,883)
	Projects of Regional & National Significance	93.243	Z-07-33420-00	TN Dept of MH/DD	_	(10)	(10)
		93.243	GR-06-17529-00	TN Dept of Finance & Admin		74,341	74,341
	Total CFDA	93.243				74,331	74,331
	Total Substance Abuse and Mental Health Services Admin					56,412	56,412
	Centers for Disease Control	93.000			65,018		65.018
		93.000	U01DD00199	University of North Carolina	05,018	31,143	31,143
	Total CFDA	93.000			65,018	31,143	96,161
	Global AIDS	93.067					
		93.067	U61CCU123541	CDC Foundation, Inc.		23,412	23,412
	Total CFDA	93.067				23,412	23,412
	Project Grants & Cooperative Agreements for Tuberculosis Control	93.116 93.116	GR-04-16108-00	TN Dept of Health		10,914	10,914
	Total CFDA	93.116				10,914	10,914
	Acquired Immunodeficiency Syndrome (AIDS) Activity	93.118 93.118	AI32908	St. Jude Hospital	_	(3,814)	(3,814)
	Total CFDA	93.118		-		(3,814)	(3,814)
	Injury Prevention and Control Rsrch & State & Community Based Prog	93.136					_
		93.136 93.136	32367 U49CE001091	TN Dept of Health Meharry Medical College		29,365 196,036	29,365 196,036
	Total CFDA	93.136				225,401	225,401
	Immunization Rsrch, Demo, Public Info & Educ-Training & Clinical	93.185			1,036,218		1,036,218
	Total CFDA	93.185			1,036,218		1,036,218
	Immunization Grants	93.268					
		93.268 93.268	U90CCU416968 U50CCU416123	TN Dept of Health TN Dept of Health		73,632 1,228,036	73,632 1,228,036
	Total CFDA	93.268		· · · · · · · · · · · · · · · · · · ·		1,301,668	1,301,668
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## Schedule of Expenditures of Federal Awards

Program	Federal Sponsor/Project Title	CFDA	Flow-through Award Number	Flow-through Entity	Direct	Flow-through	Total
	Centers for Disease Control and Prevention Investigations	93.283					
		93.283	U27CCU413185-10	University of North Carolina	\$	15,793	15,793
	Total CFDA	93.283				15,793	15,793
	Total Centers for Disease Control				1,101,236	1,604,517	2,705,753
	Food and Drug Administration Food and Drug Administration Research	93.103 93.103	FD-R25555-01	Massachusetts General Hospital	204,962	42	204,962 42
	Total CFDA	93.103			204,962	42	205,004
	Total Food and Drug Administration				204,962	42	205,004
	Health Resource Services Administration				i		
		93.000 93.000 93.000	R40MC08724 H30MC05053-02	Georgetown University University of North Carolina		12,770 24,885	12,770 24,885
	Total CFDA	93.000				37,655	37,655
	Maternal & Child Health Fed Consolidation Program	93.110			28,965		28,965
	Total CFDA	93.110			28,965		28,965
	Coordinated HIV Services & Access to Research for Children	93.153			59,482		59,482
	Total CFDA	93.153			59,482		59,482
	Total Health Resource Services Administration				88,447	37,655	126,102
	National Institutes of Health						
		93.000 93.000	4348000203 0209111AG153 4040090014 4042310024 4043570133 4044750053 BAA-RM-04-23 CA12582 CA29605 D31HP08823 GR-07-18439 HHSN26720061289C HHSN2720061289C HHSN271200677563C HHSP23320074102EC K12DH00850 K23HD43952 N01AA21004 N01A15444 N01A145250 N01H023442 N01H90001 N01H90001 N01H90001 N01H23443 P01CA10445 P01DA12408 P01DA12408 P01HL61646 P01HL68705	Tufts University Meharry Medical College Univ of New Hampshire Duke University HCD International, Inc. Southwest Research Institute, Inc. LDS Hospital John Wayne Cancer Institute Meharry Medical College Meharry Medical College TN Department of Health Univ of California, San Diego Ionwerks, Inc. Indiana University Yale University University of Michigan Z-Tech Corporation Johns Hopkins University St Louis University University of Kentucky Wayne State University University of North Carolina University of North Carolina Washington Univi ns Louis Cornell University Cincinnati Children's Hosp Rsch Fdn Boston University	4,277,999 	$188,223\\48,123\\38,551\\3,546\\46,985\\14,156\\20,207\\12,485\\6,862\\20,729\\(5,961)\\78,731\\77,689\\43,311\\14,102\\105,349\\475\\125,987\\267,085\\13,836\\133,703\\48,435\\71,282\\(13,856)\\127,125\\(21)\\291,479\\275,088\\194,971\\12,632\\12,673\\$	4,277,999 188,223 48,123 38,551 3,546 46,985 14,156 20,207 12,485 6,862 20,729 (5,961) 78,731 77,689 43,311 14,102 105,349 475 125,987 267,085 13,836 133,703 48,435 71,282 (13,856) 127,125 (21) 291,479 275,088 194,971 12,632 12,673 11,491
		93.000 93.000 93.000 93.000 93.000 93.000	NR02795 P01A159443 P01CA10445 P01DA12408 P01HL61646	Univ of California at Los Angeles University of North Carolina Washington Univ in St. Louis Cornell University Cincinnati Children's Hosp Rsch Fdn		(21) 291,479 275,088 194,971 12,632	

## Schedule of Expenditures of Federal Awards

	93.000 93.000	P30AG28748	Univ of California at Los Angeles	\$	(186)	
			Univ of Camornia at Los Angeles		(100)	(186)
		P50CA70907	Univ of Texas Southwestern Med Ctr	· _	(10,005)	(10,005)
	93.000	P50HD55751	University of Illinois	_	72,226	72,226
	93.000	P50NS109608	University of Pittsburgh	_	88,793	88,793
	93.000	P50NS44283	University of Cincinnati	_	3,914	3,914
	93.000	P50NS44378	Univ of California at Los Angeles	_	826	826
	93.000	P506M82251	University of Pittsburgh	_	98,853	98,853
	93.000	R01AG028786	Columbia University	_	67,763	67,763
	93.000	R01AG15978	University of Toledo	_	8,305	8,305
	93.000	R01AG21094	University of Massachusetts	_	(151)	(151)
	93.000	R01AG27944	University of Miami	_	21,529	21,529
	93.000	R01AI53034	University of Iowa	_	4,050	4,050
	93.000	R01AR55557	Brigham and Women's Hospital	_	12,608	12,608
	93.000	R01CA116174	H Lee Moffitt Cancer Ctr	_	100.914	100,914
	93.000	R01CA116743	Rensselaer Polytechnic Institute	_	98,367	98,367
	93.000	R01CA120097	Univ of Pittsburgh Medical Ctr	_	45,723	45,723
	93.000	R01CA90367	University of Iowa	_	47,621	47,621
	93.000	R01DA23879	John Hopkins University	_	54,421	54,421
	93.000	R01CA98217	Ohio State University	_	122,860	122,860
	93.000	R01CA104818	Baylor University	_	15,193	15,193
	93.000	R01DA11997	University of Michigan	_	17,934	17,934
	93.000	R01DK68261	University of Alabama	_	(435)	(435)
	93.000	R01DK70219	Cincinnati Children's Hosp Rsch Fdn	_	166,673	166,673
	93.000	R01DK73488	East Carolina University	_	25,976	25,976
	93.000	R01DK75046	Harvard University	_	5,128	5,128
	93.000	R01DK77298	State of Utah	_	71,698	71,698
	93.000	R01ES10041	University of Rochester	_	24,632	24,632
	93.000	R01ES10041 R01ES14472	Meharry Medical College	_	25,904	25,904
	93.000	R01EY016752	New York University	_	61,662	61,662
	93.000	R01GM68786	University of Massachusetts	_	96,795	96,795
	93.000	R01HD41663	Magee Christian Education Fdn	_	90,795	90,795
	93.000	R01HD41003 R01HD47447	Dartmouth University	_	188,418	188,418
	93.000	R01HD47447 R01HD52732	Univ of Pittsburgh Medical Ctr	_	16,637	16,637
	93.000	R01HL052752 R01HL058856	Duke University	_	169,664	169,664
	93.000	R01HL038836 R01HL68927	Johns Hopkins University	_	46	46
	93.000	R01HL76645	University of North Carolina	—	62,961	62,961
	93.000	R01HL79783		_	24,575	
	93.000		Medvis Applied Medial Visualizations, LLC			24,575 28,545
		R01HL81619	University of Pennsylvania	-	28,545	
	93.000	R01HL85610	Cincinnati Children's Hosp Rsch Fdn	—	45,482	45,482
	93.000	R01HL87115	University of Pennsylvania	-	103,508	103,508
	93.000	R01HS15274	University of Wisconsin	_	4,590	4,590
	93.000	R01LM09018	Carnegie Mellon University	—	52,616	52,616
	93.000	R01MD80647	University of Miami	_	120,297	120,297
	93.000	R01MH61989	N Kline Inst of Psych Research	—	46,916	46,916
	93.000	R01MH71260	Rosalind Franklin Univ of Med	-	102,063	102,063
	93.000	R01MH77647	Oregon Health & Science Univ	—	29,688	29,688
	93.000	R01NR08425	University of Chicago	—	77,047	77,047
	93.000	R01NS037912	Duke University	—	(56)	(56)
	93.000	R01NS39987	Mayo Fdn for Medical Educ	—	1,235	1,235
	93.000	R01NS42372	Univ of California at San Fran	—	38,806	38,806
	93.000	R01NS44876	Yale University	—	7,471	7,471
	93.000	R01NS48503	University of Pennsylvania	_	11,984	11,984
	93.000	R01NS49477	Univ of Cal at San Francisco	_	353,111	353,111
	93.000	R01PH00022	Mayo Fdn for Medical Educ	-	46,663	46,663
	93.000	R03DK69322	Emory University	_	23,038	23,038
	93.000	R21AG28182	University of Florida	_	6,243	6,243
	93.000	R21AR52710	Jackson Laboratory	—	10,611	10,611
	93.000	R21CA125227	New York University	_	38,640	38,640
	93.000	R21DK077312	Harvard University	-	9,951	9,951
	93.000	R21HD47463	Pennsylvania State University	_	513	513
	93.000	R24DK67674	University of North Carolina	_	35,444	35,444
	93.000	R37AR38648	Univ of Medicine & Dentistry of NJ	_	60,988	60,988
	93.000	R41DK75161	Cognosci, Inc.	_	151,232	151,232
	93.000	R42EB004789	Intuitive Surgical, Inc.	_	103,780	103,780

#### Schedule of Expenditures of Federal Awards

9.00     8.02.01798     Autors (or.par.sim)     5     —     8.00.15     8.00.15       9.00     8.00.15     Autors (or.par.sim)     —     7.00     7.00       9.00     1103.1450     Matters (or.par.sim)     —     9.00     9.00       9.00     1103.1450     Matters (or.par.sim)     —     9.00     9.00       9.00     100.14500	Program	Federal Sponsor/Project Title	CFDA	Flow-through Award Number	Flow-through Entity	Direct	Flow-through	Total
9000       F4480809295       According Copyonid       —       12,130       12,130         9000       8103113       University       —       20,63       25,63         9000       100,14152       University       —       20,63       25,63         9000       100,14152       University       —       44,53       25,64       25,64         9000       100,14063       Lane hights University       —       44,53       45,38         9000       100,14063       Lane hights University       —       44,53       45,38         9000       100,14063       Lane hights University       —       44,53       45,38         9000       100,14063       Lane hights University       —       44,37       45,38         9000       100,1162,57       Eard Boost Inductor       —       7,36       7,167         9000       100,1162,57       Eard Boost Inductor       —       44,36       44,36         9000       100,1162,57       Eard Boost Inductor       —       13,16       44,36       44,36       44,36       44,36       44,36       44,36       44,36       44,36       44,36       44,36       44,36       44,36       44,36       44,36       44,36					Spectros Corporation	\$		
9.100     \$115.11-5     Usering of Tacacase     -     9,140     9,140       9.100     100.11/19/1     Usering of Tacacase     -     9,140     9,140       9.100     100.11/19/2     Usering of Tacacase     -     0,170     0,120       9.100     100.11/19/2     Energy Usering     -     -     6,470     4,6473       9.100     100.11/19/2     Energy Usering     -     -     7,167     7,167       9.100     100.11/19/2     Energy Usering     -     -								
90.00     000.4.15199     Lumring of Tansest     -     -     2.0.311       90.00     000.4.1519     Lumring of Tansest     -     -     2.0.31       90.00     000.4.554     Data Lights     -     -     2.0.31     2.2.10       90.00     000.4.554     Data Lights     -     -     2.0.40     2.2.10       90.00     000.4.554     Data Lights     -     -     2.0.40     2.2.10       90.00     000.5554     Data Lights     -     -     2.0.40     2.2.10       90.00     000.5553     Data Lights     -     -     2.0.47     7.6.17       90.00     000.55523     More Sais Schol of Malcine     -     -     4.6.17       90.00     000.55523     More Sais Schol of Malcine     -     -     4.6.17       90.00     000.55523     More Sais Schol of Malcine     -     -     1.6.17       90.00     000.55523     More Sais Schol of Malcine     -     -     1.6.17       90.00     000.55523     More Sais Schol of Malcine     -     1.6.18     1.6.18       90.00     000.55523     More Sais Schol of Malcine     -     1.6.18     1.6.18       90.00     000.55523     More Sais Schol of Malcine     -								
9100     001.413131     Unarwig' Tenesce     —     92,66     92,62       9100     001.414513     Unarwig' Tenesce     —     92,66     92,22       9100     001.414571     Data Hojkins foressipi     —     44,53     45,53       9100     001.414571     Data Hojkins foressipi     —     44,53     45,53       9100     001.0145718     Data Hojkins foressipi     —     44,53     45,51       9100     001.0145718     Data Hojkins foressipi     —     44,53     45,51       9100     001.0145718     Data Hojkins foressipi     —     44,34     44,44       9100     001.0145717     Data Hojkins foressipi     —     44,34     44,44       9100     001.0145717     Data Hojkins foressipi     —     44,34     44,44       9100     001.014577     Data Hojkins     —     45,36     13,31       9100     001.014577     Data Hojkins     —     13,31     13,33       9100     001.014577     Data Hojkins     —     13,33     13,33       9100     001.014577     Data Hojkins     —     13,33     13,33       9100     001.014577     Data Hojkins     —     13,33     13,33       9100     001.014577								
9.000     UD1A20784     Data Horisang     —     52,10     32,21       9.000     UD1A20784     Data Horisang     —     52,00     34,30       9.000     UD1DKX0185     Garage Mainghea Lineversy     —     30,00     200,40       9.000     UD1DKX0185     Garage Mainghea Lineversy     —     30,00     200,40       9.000     UD1DKX0185     Garage Mainghea Lineversy     —     36,07     76,07       9.000     UD1DKX0125     Mainer Mainghea Lineversy     —     66,07     76,07       9.000     UD1DKX0125     Mainer Mainghea Lineversy     —     66,07     46,007       9.000     UD1DKX0125     Mainer Mainghea Lineversy     —     75,10     75,10       9.000     UD1DKX0125     Mainer Mainghea Lineversy     —     75,10     75,13       9.000     UD1DKX0125     Mainer Mainsen     —     75,10     75,13       9.000     UD1DKX0114     Mainer Mainsen     —     10,000     10,000       9.000     UD1DKX0114     Mainer Mainsen     —     10,000     10,000       9.000     UD1CKX9117     Mainer Mainsen     —     10,000     10,000       9.000     UD1CKX9117     Mainer Mainsen     —     10,000     10,000 <td< td=""><td></td><td></td><td>93.000</td><td></td><td>University of Tennessee</td><td>-</td><td>29,636</td><td>29,636</td></td<>			93.000		University of Tennessee	-	29,636	29,636
9100     001.010978     Johns Folglain, Elevening     —     45.38     45.38       9100     001.010978     Johns Folglain, Elevening     —     0.200     0.200       9100     001.00078     Real second. Institut, if VA Meson     —     70.70       9100     001.00078     Real second. Institut, if VA Meson     —     71.00       9100     001.000773     Real Second. Institut, if VA Meson     —     71.00       9100     001.0007733     Real Second. Institut, if VA Meson     —     71.00       9100     001.0007733     Real Second. Institut, if VA Meson     —     48.18     51.18       9100     001.0007733     Real Second. Institut, if VA Meson     —     48.10     71.00       9100     001.0007733     Real Second. Institut, if VA Meson     —     48.10     71.00       9100     001.0007733     Real Second. Institut, if VA Meson     —     48.10     71.00       9100     001.0007733     Real Value Second. Institut, if VA Meson     —     48.10     71.00       9100     001.0007     Note Second. Institut, if VA Meson     —     48.10     71.00       9100     001.0007     Note Second. Institut, if VA Meson     —     48.10     71.00       9100     001.0007     Note Second. Institut,								
91.00       UDURX89866       Jabel Hogiss Linervity       —       —       —       2.769       2.0769         91.00       UDURX8957       General Manager Linervity Y Manon       —       2.0749       7.1497         91.00       UDURX9157       Basel Hosenth Intrae. Inte       —       4.0749       7.1497         91.00       UDURX9157       Basel Hosenth Intrae. Inte       —       4.0749       4.0749         91.00       UDURX9157       Mont State State And Mediate Linervity       —       4.0749       4.513         91.00       UDURX9157       Mont State State And Mediate Linervity       —       4.0749       4.513         91.00       UDURX9157       Mont State State And Mediate Linervity       —       4.516       4.516       7.518       7.518         91.00       UDURX9157       Mont State State And Mediate Linervity       —       7.518       7.								
9.0.00       UDIK4055       George Wahangon Luferenia y CA Moon       29.460       20.460         9.0.00       UDIK4055       Beary Reach Informa y CA Moon       33.41       35.17         9.0.00       UDIK4052       Beary University       —       46.677       46.673         9.0.00       UDIK4025       Beary University       —       46.674       46.674         9.0.00       UDIK4025       UDIK4015       Beary University       —       71.8       71.8         9.0.00       UDIK4025       State And								
93.000     1001056675     Real Resent Institut, Inc.     —     71,47     71,47       91.000     1001056675     Real Resent Institut, Inc.     —     66,637       94.000     1001071322     Encory University     —     45,137     453,107       94.000     1001114237     Berory University     —     45,137     453,107       94.000     1011142370     Desc Instramp     —     45,137     453,107       94.000     1011142370     Desc Instramp     —     45,137     22,53       94.000     1011142370     Desc Instramp     —     71,46     71,47       94.000     101114370     Desc Instramp     —     73,159     73,159       94.000     1011143170     Desc Instramp     —     122,556     73,159       94.000     101043518     Desc Instramp     —     122,556     122,556       94.000     101043518     Desc Instramp     —     143,60     143,60       94.000     101043518     Des					George Washington University	-	209,460	
9.000     0010E00922     Emory University     —     06.673     06.673       9.000     0010E00263     Emory University of Wargaro     —     44.017     44.007       9.000     0010E00263     Emory University of Wargaro     —     43.017     44.017       9.000     0010E00263     Emory University of Wargaro     —     43.017     43.017       9.000     0010E00263     Emory University of Fash     —     73.19     13       9.000     00085322     University of Fash     —     73.08     10.038       9.000     00085322     University of Fash     —     73.08     10.038       9.000     00085322     University of Fash     —     10.388     10.038       9.000     00085322     Nart Calidhood Cacer Fan     —     10.388     10.038       9.000     010854713     Moust Sinit School of Medicine     —     10.388     10.038       9.000     0108522     Nart Calidhood Cacer Fan     —     10.388     10.038       9.000     01085272     State Itoprint     —     45.07     65.037       9.000     0138579     Mare Italicate Cacer Fan     —     45.07     65.037       9.000     01385719     Mare Italicate Cacer Fan     —     45.063 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>								
9.000     0001872313     Maxis School of Machines     —     46,407     46,407       9.000     0011601372     Data city of Wishington     —     45,307     45,303       9.000     0011601372     Data city of Wishington     —     45,307     45,303       9.000     0011601373     Data city of Wishington     —     45,307     45,303       9.000     0011601373     University of Tess     —     716     716       9.000     001163270     Wishington     —     738     738       9.000     001163270     Wishington     —     738     738       9.000     001163270     Wishington     —     716     716       9.000     001163271     University of Tess     —     716     716       9.000     0010163270     Science Applications Internal Clorp     —     3530     3530       9.000     0010163271     Databasod Cener Frin Hein Reich Rin     —     16,373     3500       9.000     0102471431     Datactiny of Wischington     —     12,488     12,488       9.000     013457191     Datactiny of Wischington     —     12,488     12,488       9.000     013457191     Datactiny for Model Educ     —     6,630       9.000								
9.000     U01EV1322     Energ University     —     6.318     6.3107       9.000     U01EA267     Date University     —     6.316     7.5107       9.000     U01EA273     Date University     —     6.316     7.5107       9.000     U01EA738     University of Teas     —     7.16     7.16       9.000     U01EA718     University of Teas     —     7.318     17.38       9.000     U01EA718     University of Teas     —     7.16     7.18       9.000     U01EA718     University of Teas     —     7.18     7.138       9.000     U01EA718     University of Teas     —     7.18     7.138       9.000     U01EA7518     University of Teas     —     7.16     7.18       9.000     U01EA7518     University of Teas     —     7.18     7.138       9.000     U01EA7518     University of Teas     —     1.25.56     122.556       9.000     U01EA7519     Date University of Congin     —     1.84.28       9.000     U12CA7001     Date University of Congin     —     1.84.26       9.000     U32CA76107     University of Congin     —     6.46.49       9.000     U32CA76107     Mas Isstitate of Technology     —								
99.000       1001HL6377       Dake University       —       24.895       24.895         90.000       1001HL6379       New Tagland Resarch Institutes       —       31       31         90.00       1001NS3753       University of Teas       —       75,19       75,19         90.00       100NS37519       University of Teas       —       75,19       75,19         90.00       100NS4719       Mount Sinis School of Mulcines       —       75,20       35,305         90.00       100NS4719       Nount Sinis School of Mulcines       —       75,305       35,305         90.00       100KA3543       Null Cultidood Casee Fin       —       76,305       10,306         90.00       100KA3543       Null Cultidood Casee Fin       —       10,405       10,405         90.00       100KA3543       Null Cultidood Casee Fin       —       11,405       11,405         90.00       100KA3543       Null Cultidood Casee Fin       —       14,50       11,50         90.00       100KA3543       Null Cultidood Casee Fin       —       14,50       14,50         90.00       100KA5444       Maham Medical Ealae       —       46,03       64,620         90.00       Usikka935				U01EY13272		_		
93.00       0.001H.87318       uiversity of Texa       —       31       31         93.00       0.001H.87318       Uiversity of Texa       —       71,79         93.00       0.001H.87318       Uiversity of Texa       —       75,39       71,38         93.00       0.001H.87318       Uiversity of Texa       —       75,39       71,38         93.00       0.0014.8718       Multicina       —       75,39       33,595         93.00       0.0024.3145       Science Applications Interrant Torp       —       35,005       (1,306)         93.00       0.0024.3145       Natl Citalitosi Oscolog: Group       —       12,256       (1,306)         93.00       0.0024.8313       Uiversity of Waconia       —       12,864       (1,306)         93.00       0.0024.7572       St. Ide Hopital       —       8,861       8,861         93.00       0.0240.7572       St. Ide Hopital       —       8,861       8,861         93.00       0.0240.7579       Mas Institute of Texa       —       85,477       85,477         93.00       0.554.041920       Uiversity of Gorgin       —       64,875.46       —       64,875.46         93.00       0.554.041920       Maury Medical C						-		
93.00       0.001H.3538       University of Texas       —       7,76       776         93.00       0.001NS38529       University of Texas       —       75,139       75,139         93.00       0.001NS38529       University of Texas       —       75,139       75,139         93.00       0.001NS38529       University of Texas       —       76,165       122,556         93.00       0.001CA95843       Childrino Chorp       —       122,556       122,556         93.00       0.001CA95843       Childrino Chorp       —       16,060       (1,050)         93.00       UDICA95843       Childrino Chorp       —       8,705       8,705         93.00       UDICA95843       Libo Chert fri feih Kish Kish       —       8,705       8,705         93.00       USACA5727       St.lok Fopial       —       85,60       86,681       89,681         93.00       USACA5727       St.lok Fopial       —       85,60       89,681       89,681         93.00       USACA5727       St.lok Fopial       —       84,61       89,681       89,681         93.00       USACA5727       St.lok Fopial       —       84,61       89,681       89,61       71,718       71,718 <td></td> <td></td> <td></td> <td></td> <td></td> <td>—</td> <td></td> <td></td>						—		
93.00     0.001NS3579     Juniversity of Texas     —     75,19     75,139       93.00     0.001NS45719     Mont Sin School of Medicine     —     35,305     33,305       93.00     0.001C4,33454     Chairen and Toolong Group     —     35,305     33,305       93.00     0.001C4,33454     Chairen and Toolong Group     —     1,050     1,050       93.00     0.001C4,33454     Chairen and Toolong Group     —     1,050     1,050       93.00     0.001C4,33454     Chairen and Toolong Group     —     1,81,03     1,050       93.00     0.001C4,33451     Laiversity of Wixonian     —     1,24,68     1,24,68       93.00     0.001C4,3451     Laiversity of Wixonian     —     1,24,68     1,24,68       93.00     0.001C4,24527     S1,abd Hopital     —     8,61,79     1,24,68       93.00     0.001C42,4527     S1,abd Hopital     —     8,61,79     1,24,68       93.00     0.031C4,01297     Making Michai Calice     —     6,63,73     6,63,73       93.00     0.054CA,01296     Stanford University     —     6,63,73     6,63,73       93.00     0.054CA,01297     Making Michai Calice     —     6,63,73     6,53,74       93.00     0.054CA,01296     Yab Univer								
9,000       UUCAN9843       Chidateo Gnology Group			93.000		University of Texas	_	75,139	
9,000     U10CA98543     Childreno Shoology Group     —     12,25,65     12,25,05       9,000     U10CA98543     Natl Childreno Group     —     (1,150)     (1,250)       9,000     U10CA98543     Date Linversity     —     (1,157)     (1,157)       9,000     U10CA98543     Date Linversity     —     (1,172)     (1,173)     (1,173)       9,100     U10CA98543     Total CPDA     —     14,123     (1,123)       9,100     U12CA5701     Date Linversity     —     14,129     18,129       9,000     U2LXDX76169     U14VWA     Mapo Fin for Madeial Edue     —     64,630       9,000     U2LXDX76169     U14VWA     Mapo Fin for Madeial Edue     —     64,630       9,000     U5KA09144     Mapo Fin for Madeial Edue     —     64,630     64,630       9,000     U5KA09140     Mapo Fin for Madeia Edue     —     64,630     64,630       9,000     U5KA09130     Unit was Institution of Totalogy     —     —     64,630       9,000     U5KA09330     Unit was Institution of Totalogy     —     —     64,630       9,000     U5KR1992     Maba Environ     —     —     24,202     24,202       9,000     U5KR1992     Maba Environ     — <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>								
9:000       U10CA7600       U10CA7601       U10CA7601       U10Ch1600       U10Ch17601       U10Ch17601								
9.000       U10EY1431       Jack Crant or Health Skoh Fah       —       —       (19,175)       (19,175)         9.000       U10EY1431       Lab Centr or Health Skoh Fah       —       12,468       12,468         9.000       U10EY1431       Lab Centr or Health Skoh Fah       —       18,129       18,129         9.000       U10EY1431       U10EY1431       U10EY1431       Lab Centr or Health Skoh Fah       —       18,129       18,129         9.000       U24CAS527       St. Jade Hoaphila       —       18,129       18,129       18,129         9.000       U24CAS527       St. Jade Hoaphila       —       48,681       88,681       88,681         9.000       U35CA019148       Mahary Medical Collage       —       68,57,571       68,681         9.000       U54CA01936       Stanford University       —       47,193       471,913         9.000       U54K191520       Mahary Medical Collage       —       22,630       25,641         9.000       U54K191520       Mahary Medical Collage       —       242,020       244,202         9.000       U54K191520       Mahary Medical Collage       —       242,049       26,545         9.000       U54K191520       Mahary Medical Collage </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>								
9,3000       U/UCY1431       University of Wiscomin       —       12,468       12,468         9,3000       U/UCX5727       SL ubd Hoppial       —       89,061       98,081         9,3000       U/UCX5727       SL ubd Hoppial       —       89,0681       98,081         9,3000       U/UXINF0169       University of Georgin       —       89,061       98,081         9,3000       U/UXINF0169       Mary Pdin Kodical Chiege       —       85,367       64,630         9,000       U/UXINF01408       Marry Miclical Chiege       —       85,367       64,630         9,000       U/UXINF01408       Marry Miclical Chiege       —       85,367       64,630         9,000       U/UXINF067       Marry Miclical Chiege       —       85,367       66,01,77         9,000       U/UXINF087       Marry Miclical Chiege       —       25,400       25,400         9,000       U/UXIR19478       Bylor University       —       25,400       25,400         9,000       U/UXIR19478       Bylor University       —       40,88       40,188         10,100 Giptal Response to Environmental Health Hazards       93,100       U/UXIR9478       Bylor University of North Carolina       6,867,546       —       6,867,546						_		
93,000       U24Cx5272       St. Jude Hospital       —       18,129       18,129         93,000       U24Cx5727       St. Jude Hospital       —       68,081       18,081         93,000       U24Cx5727       St. Jude Hospital       —       64,630       64,630         93,000       U54Cx1052%       Stanford University       —       64,630       64,630         93,000       U54Cx1052%       Stanford University       —       175,467       175,467         93,000       U54Cx1052%       Yale University       —       244,202       244,202         93,000       U54R01948       Yale University       —       244,202       244,202         93,000       U54R019478       Yale University       —       242,022       242,022         93,000       U54R019438       Children's National Med Ctr       —       242,023       249,233         93,000       U54R019438       Children's National Med Ctr       —       247,999       247,799         701 CFDA       93,103       —       4,277,999       8880,427       —       6,867,546         101 CFDA       93,113       —       4,422,693       —       4,842,693       —       4,842,693         101 CFDA						-		
93,000       U240K76169       University of Georgia       —       89,681       96,683       96,693       96,693       96,693       96,693       96,693       96,693       96,0137 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>								
93,000       U381K00014       Mayo Fuñ for Medical Educ       —       —       —       64,630       64,630         93,000       U54CA015296       Stanford University       —       175,467       175,467         93,000       U54CA112967       Mass Institute of Technology       —       66,137       60,137         93,000       U54CA112967       Mass Institute of Technology       —       424,102       244,202         93,000       U54CM69338       Univ of California San Diego       —       244,202       244,202         93,000       U54RN1952       Meharry Medical College       —       242,302       244,202         93,000       U54RN1952       Meharry Medical College       —       242,799       247,799         94,000       U54RN19478       Baylor University       —       40,188       40,188         94,000       U54RN19478       Baylor University       —       4427,999       247,799       247,799         94,000       U54RN19478       Baylor University       —       46,867,546       —       6,867,546       —       6,867,546       —       6,867,546       —       6,867,546       —       6,867,546       —       6,867,546       —       6,867,546       —       6,867								
93.000       U34CA 105266       Stanford University       —       —       107,467       1075,467         93.000       U34CA 102967       Mass Institute of Technology       —       447,1918       471,918         93.000       U34CM 102967       Mass Institute of Technology       —       441,022       244,022         93.000       U34RN 19932       Children's National Med Cr       —       205,033       205,333         93.000       U34RN 19432       Children's National Med Cr       —       205,033       205,333         93.000       U34RN 19478       Baylor University       —       247,799       247,799         93.000       U34RN 19478       Baylor University       —       240,88       40,188         93.000       U34RN 19478       Baylor University       —       247,799       247,799         93.000       U34RN 19478       Baylor University       —       42,877,999       8,880,427       1,318,426         Biological Response to Environmental Health Hazards       93,114       —       6,867,546       —       6,867,546       —       6,867,546       —       6,867,546       —       6,867,546       —       6,867,546       —       6,867,546       —       6,867,546       Mathetee <t< td=""><td></td><td></td><td></td><td></td><td></td><td>_</td><td></td><td></td></t<>						_		
9,000       US4CAI 12067       Mass institute of Technology       —       60,0137       60,0137         9,000       US4CM69333       Univo of Califonnisan Diego       —       244,202       244,202         9,000       US4R19192       —       244,202       244,202       244,202         9,000       US4R19192       —       240,202       244,202       244,202         9,000       US4R19192       —       240,203       250,400       250,400         9,000       US4R19192       Balonical College       —       240,303       209,353       209,353         9,000       US4R191943       Balonical Negoras to Environmental Health Hazards       93,113       —       247,799       247,799       247,799         101 CFDA       93,113       —       6,867,546       —       6,867,546       —       6,867,546       —       6,867,546       —       6,867,546       —       6,867,546       —       6,867,546       —       6,867,546       —       6,867,546       —       6,867,546       —       6,867,546       —       6,867,546       —       6,867,546       —       6,867,546       —       6,867,546       —       6,867,546       —       6,867,546       —       6,867,546						-		
93000       U54009338       Univ of California San Dicgo        471,018       471,018         93000       U54RP1092       Maharry Matical College        2244,002       244,002         93000       U54RP1092       Maharry Matical College        226,002       256,002         93000       U54RP1092       Maharry Matical College        226,709       297,953         93000       U54RP1092       Maharry Matical College        209,533       209,533         93000       U54RP1092       Bajlor Universiy        40,188       40,188         93000       U54RP10478       Bajlor Universiy        40,188       40,188         93000       U54RP10478       Bajlor Universiy        46,867,546        6,867,546         101a CFDA       93.11        6,867,546        6,867,546        6,867,546         101a CFDA       93.11        1,482,693        1,482,693        1,482,693         101a CFDA       93.12        1,482,693        1,482,693        6,867,546        6,867,546        5,42,49       54,249						-		
93,000       U54RD52668       Yale University       —       —       244,202       246,203       209,353       209,353       209,353       209,353       209,353       209,353       209,353       209,353       209,353       209,353       209,353       247,799						_		
93.00       U54RR19453       Childron's National Med Ctr       -       209.353       209.353         93.000       U54RR19478       Bayono       -       247.799       247.799         Total CFDA       93.000       U01Al68619       Family Health International       -       247.799       247.799         Biological Resource to Environmental Health Hazards       93.113       -       6.867.546       -       6.867.546         Applied Toxicological Research and Testing       93.114       -       1.482.693       -       1.482.693         Total CFDA       93.114       -       1.482.693       -       1.482.693         Oral Diseases and Disorders Research       93.121       -       869.241       -       869.241         Human Genome Research       93.172       -       HG002647       University of North Carolina       869.241       -       840.872         Total CFDA       93.172       -       HG002647       University of North Carolina       -       54.249       54.249         Total CFDA       93.172       -       HG002647       University of North Carolina       -       54.249       54.249         Research Related to Deafness and Communication Disorders       93.173       RolDC07660       3.274.219						_		
93.000       U54RR19478       Baylor University       —       40.188       40.188         93.000       U01A168619       Family Health International       —       247,799       247,799         Total CFDA       93.000       4.277,999       8.80,027       13.158,426         Biological Response to Environmental Health Hazards       93.113       —       6.867,546       —       6.867,546         Applied Toxicological Research and Testing       93.114       —       6.867,546       —       6.867,546         Applied Toxicological Research and Testing       93.114       —       1.482,693       —       1.482,693         Total CFDA       93.121       —       869,241       —       869,241         Total CFDA       93.121       —       869,241       —       869,241         Human Genome Research       93.121       —       869,241       —       869,241         Human Genome Research       93.172       HG002647       University of North Carolina       —       54,249       54,249         Total CFDA       93.173       R01DC07660       —       3,274,219       343,285       343,285         Total CFDA       93.173       R01DC07660       3,274,219       343,285       343,285						-		
93.00       U01A168619       Family Health International       —       247.799       247.799         Total CFDA       93.00       4.277.999       8,880,427       13,158,426         Biological Response to Environental Health Hazards       93.113       6,867,546       —       6,867,546         Applied Toxicological Response to Environental Testing       93.113       6,867,546       —       6,867,546         Applied Toxicological Research and Testing       93.114       1,482,693       —       1,482,693         Total CFDA       93.12       869,241       —       869,241         Total CFDA       93.12       869,241       —       869,241         Total CFDA       93.12       H6002647       H01versity of North Carolina       869,241       —       869,241         Total CFDA       93.12       H6002647       University of North Carolina       869,241       —       869,241         Total CFDA       93.12       H6002647       University of North Carolina       869,241       —       869,241         Total CFDA       93.12       H6002647       University of North Carolina       3.274,219       3.24,249       \$42,493         Research Related to Deafness and Communication Disorders       93.173       RO1027660       3.274,219								
Biological Response to Environmental Health Hazards       93.113       6.867,546       —       6.867,546         Total CFDA       93.113       1.482,693       —       1.482,693         Applied Toxicological Research and Testing       93.114       1.482,693       —       1.482,693         Total CFDA       93.121       869,241       —       869,241         Oral Diseases and Disorders Research       93.121       869,241       —       869,241         Human Genome Research       93.172       Ho002647       University of North Carolina       840,872       —       840,872         Total CFDA       93.172       HO002647       University of North Carolina       840,872       —       840,872         Total CFDA       93.173       HO002647       University of North Carolina       840,872       —       840,872         Total CFDA       93.173       ROIDC07660       3.274,219       343,285       343,285         Total CFDA       93.173       ROIDC07660       3.274,219       343,285       3.43,285         Total CFDA       93.173       ROIDC07660       3.274,219       343,285       3.617,504         Total CFDA       93.173       ROIDC07660       3.274,219       343,285       3.617,504 <tr< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr<>								
Total CFDA       93.113       6.867,546       —       6.867,546         Applied Toxicological Research and Testing       93.114       1.482,693       —       1.482,693         Total CFDA       93.114       1.482,693       —       1.482,693         Oral Diseases and Disorders Research       93.121       869,241       —       869,241         Total CFDA       93.172       H6002647       University of North Carolina       840,872       —       840,872         Total CFDA       93.172       H6002647       University of North Carolina       —       840,872       —       840,872         Total CFDA       93.172       H6002647       University of North Carolina       —       840,872       —       840,872         Total CFDA       93.173       H00026647       University of North Carolina       —       840,872       —       840,872         Total CFDA       93.173       H00026667       University of North Carolina       —       840,872       —       840,872         State       93.173       R0IDC07660       —       3.274,219       —       3.274,219       343,285       3.617,504         Total CFDA       93.173       R0IDC07660       3.274,219       343,285       3.617,504 <td></td> <td>Total CFDA</td> <td>93.000</td> <td></td> <td></td> <td>4,277,999</td> <td>8,880,427</td> <td>13,158,426</td>		Total CFDA	93.000			4,277,999	8,880,427	13,158,426
Applied Toxicological Research and Testing       93.114       1,482,693       -       869,241       -       869,241       -       869,241       -       869,241       -       840,872       -       840,872       -       840,872       -       840,872       -       840,872       -       840,872       -       840,872       -       3,274,219       -       3,274,219       -       3,274,219       -       3,274,219       -       3,274,219       -       3,274,219       -       3,274,219       -       3,274,219       -       3,274,219		Biological Response to Environmental Health Hazards	93.113			6,867,546		6,867,546
Total CFDA       93.114       1.482.693       -       1.482.693         Oral Diseases and Disorders Research       93.121       869,241       -       869,241         Total CFDA       93.121       869,241       -       869,241         Human Genome Research       93.172       93.172       HG002647       University of North Carolina       840,872       -       840,872         Total CFDA       93.172       HG002647       University of North Carolina       840,872       54,249       54,249         Total CFDA       93.172       HG002647       University of North Carolina       840,872       54,249       895,121         Research Related to Deafness and Communication Disorders       93.173       R01DC07660       3,274,219       -       3,274,219         Total CFDA       93.173       R01DC07660       3,274,219       -       3,274,219       -       3,274,219         Total CFDA       93.173       R01DC07660       3,173       -       3,274,219       -       3,274,219       3,43,285       3,617,504         Total CFDA       93.173       R01DC07660       3,27,82       -       3,22,782       -       3,22,782         Total CFDA       93.173       Contant contant contain contain contain contain contain co		Total CFDA	93.113			6,867,546		6,867,546
Oral Diseases and Disorders Research       93.121       869,241        869,241         Total CFDA       93.121       869,241        869,241         Human Genome Research       93.172       HG002647       University of North Carolina       840,872        840,872         Total CFDA       93.172       HG002647       University of North Carolina       840,872       54,249       840,872         Total CFDA       93.173       R01DC07660       840,872       54,249       895,121         Research Related to Deafness and Communication Disorders       93.173       R01DC07660       3,274,219        3,274,219         Total CFDA       93.173       R01DC07660       3,274,219       343,285       3,617,504         Total CFDA       93.173       R01DC07660       3,274,219       343,285       3,617,504         Total CFDA       93.173       R01DC07660       3,274,219       343,285       3,617,504         Total CFDA       93.173       R01DC07660       3,274,219       3,274,219       3,274,219       3,274,219         Total CFDA       93.173       R01DC07660       3,274,219       3,274,219       3,274,219       3,274,219       3,274,219         Total CFDA       93.173		Applied Toxicological Research and Testing	93.114			1,482,693		1,482,693
Total CFDA       93.121       869,241        869,241         Human Genome Research       93.172       HG002647       University of North Carolina       840,872        840,872         Total CFDA       93.172       HG002647       University of North Carolina       840,872        840,872         Research Related to Deafness and Communication Disorders       93.173       R01DC07660       3,274,219        3,274,219         Total CFDA       93.173       R01DC07660       3,274,219       3,43,285       3,617,504         Total CFDA       93.173       S       S       3,274,219       3,274,219       3,274,219         Total CFDA       93.173       S       S       3,274,219       3,274,219       3,274,219       3,274,219       3,274,219         Total CFDA       93.173       S		Total CFDA	93.114			1,482,693		1,482,693
Human Genome Research       93.172 93.172       HG002647       University of North Carolina       840,872 -       -       840,872       -       840,872       54,249		Oral Diseases and Disorders Research	93.121			869,241		869,241
93.72     HG002647     University of North Carolina     —     54,249     54,249       Total CFDA     93.72     840,872     54,249     895,121       Research Related to Deafness and Communication Disorders     93.73     R01DC07660     3,274,219     —     3,274,219       Total CFDA     93.173     R01DC07660     3,274,219     343,285     343,285       Total CFDA     93.173     R01DC07660     3,274,219     343,285     3,617,504       Telehealth Network Grants     93.211     52,782     —     322,782		Total CFDA	93.121			869,241		869,241
Research Related to Deafness and Communication Disorders     93.173 93.173     R01DC07660     3.274.219 -     -     3.274.219 343.285       Total CFDA     93.173     93.173     3.173     3.274.219     3.43.285       Telehealth Network Grants     93.211     3.22,782     -     3.22,782		Human Genome Research		HG002647	University of North Carolina	840,872	54,249	
93.173     R01DC07660     —     343.285     343.285       Total CFDA     93.173     3.274.219     343.285     3.617.504       Telehealth Network Grants     93.211     322,782     —     322,782		Total CFDA	93.172			840,872	54,249	895,121
Telehealth Network Grants         93.211         322,782         —         322,782		Research Related to Deafness and Communication Disorders		R01DC07660			343,285	
		Total CFDA	93.173			3,274,219	343,285	3,617,504
Total CFDA 93.211 322,782 — 322,782		Telehealth Network Grants	93.211			322,782		322,782
		Total CFDA	93.211			322,782		322,782

## Schedule of Expenditures of Federal Awards

Beams & Taming in Complexensity and Alexantive Machine         9133 913         9133 913         9133 913         9133 913         9133 913         9133 913         91333         9133         9133	Program	Federal Sponsor/Project Title	CFDA	Flow-through Award Number	Flow-through Entity	Direc	Flow-through	Total
Matai Baah Researd Guais         93.92 93.22 93.0000         Lineway of Pithongh Patter Correctly Notice Patter Correctly Patter Correc		Research & Training in Complementary and Alternative Medicine		R01AT002477		\$ 1		
0.122     958000164156     University of Ninhangh     -     171.380     171.380       10.223     8010019341     Public lancring     -     180.216       10.234     80100195832     00100195832     00100195832       10.001001     23.32     80100195832     1101200     -     02010       10.00101     23.32     80100195832     1101200     -     1101200       10.00101     23.32     8010019635     1101200     -     1101200       10.00101     23.32     810019655     1001001     3.397.561     1000       10.00101     23.37     7.010010645     3.397.561     10.00     3.397.561     3.397.561       10.00101     23.32     810019645     10010045     3.397.561     10.00     3.397.561     3.397.561       10.00101     23.32     810019645     100109645     3.397.561     3.498.552       10.00101     23.32     13.397.561     13.50.552     13.50.552       10.00111     23.31     23.31     24.50.550     24.50.550       10.00111     23.31     23.31     24.50.550     23.315.557       10.00111     3.31     3.31     3.315.557     3.315.557       10.00111     23.31     23.31     24.50.500     24.50.550 <td></td> <td>Total CFDA</td> <td>93.213</td> <td></td> <td></td> <td>1</td> <td>4,031 51,689</td> <td>165,720</td>		Total CFDA	93.213			1	4,031 51,689	165,720
Adealed Research Programs       9127       1170.390       1170.390       1170.390         Total CPDA       9127       1170.390       1170.390       1170.390       1170.390         Total CPDA       9127       8210A01945       University of Wisconin       3.597.561       180.941         Menil Health Research CorresScientis Development Award       92.81       3.597.561       180.941       3.687.57         Total CPDA       92.81       436.372       -       436.372       -       4.599.500         Total CPDA       92.81       45.99.500       -       4.599.500       -       4.599.500         Total CPDA       92.81       -       4.599.500       -       4.599.500       -       4.599.500         Total CPDA       92.81       -       -       4.599.500       -       4.599.500       -       4.599.500       -       4.599.500       -       4.599.500       -       4.599.500       -       4.599.500       -       4.599.500       -       4.599.500       -       4.599.500       -       4.599.500       -       4.599.500       -       4.599.500       -       4.599.500       -       4.599.500       -       4.599.500       -       4.599.500       -       4.599.500<		Mental Health Research Grants	93.242 93.242 93.242	R01MH075041 MH075016	Purdue University University of Washington	14,5	171,380 130,274 12,108	171,380 130,274 12,108
Total CPDA     9.273     1.170.390     —     1.170.390       Drng Abase Resemb Programs     9.279     R21DA019045     University of Witconia     3.977.61     18.094     1.8094       Total CPDA     9.279     3.977.61     1.8094     3.807.61     1.8094     3.807.61       Total CPDA     9.218     3.877.61     3.807.61     3.807.61     3.807.61     3.807.61       Total CPDA     9.218     3.887.61     3.887.61     3.887.61     3.887.61       Bismedical Insignam Research     9.236     4.599.500     —     4.599.500       Total CPDA     9.236     3.178.67     —     4.599.500       Total CPDA     9.236     3.178.72     —     3.178.72       Total CPDA     9.30     —     4.599.500     —     4.599.500       Total CPDA     9.31     —     4.599.500     —     4.599.500       Total CPDA     9.31     —     4.170.57     —     4.599.500       Total CPDA     9.31     —     —     4.599.500     —     4.599.500       Total CPDA     9.31     —     —     4.599.500     —     4.599.500       Total CPDA     9.331     —     —     1.005.5001     —     1.005.5001       Total CPDA		Total CFDA	93.242			14,5	1,182 305,946	14,817,128
Drg Abse Research Programs         9279 9279         Rel DA019045         University of Wiscosia         3.577.561         1.509         3.577.561         3.577.561         3.577.561         3.577.561         3.577.561         3.577.561         3.577.561         3.577.561         3.577.561         3.577.561         3.577.561         3.577.561         3.577.561         3.577.561         3.577.561         3.577.561         3.567.561         3.567.561           Metal Heath Research Carcer, Scientia Dovelpoment Award         9.231         3.587.561         3.485.374		Alcohol Research Programs	93.273			1,17		1,170,390
92.79       R21DA019045       University of Wisconsin       —       18.094       18.094         Total CFDA       92.281       3.972.524       18.074       3.415.655         Total CFDA       92.81       3.48.774       —       3.48.774         Biomedical Imagine Reserch       92.82       4.509.500       —       4.509.500         Total CFDA       92.86       4.509.500       —       4.509.500         Total CFDA       92.30       4.509.500       —       4.509.500         Total CFDA       92.30       4.509.500       —       4.509.500         Total CFDA       93.01       3.175.077       —       3.175.077         Narsing Research       93.301       —       9       —       9         Total CFDA       93.51       —       642.395       —       642.395         Total CFDA       93.301       —       10005.001       —       10005.001         Total CFDA       93.301       —       281.066       —       281.066         Total CFDA       93.301       —       281.066       —       281.066         Total CFDA       93.301       —       281.066       —       281.066         Caller CFabolicy I		Total CFDA	93.273			1,17		1,170,390
Mental Health Research Career/Scientist Development Award       92.81       348.374       —       348.374         Total CFDA       93.28       348.374       —       348.374       —       348.374         Biomedical Imaging Research       93.28       45.99.500       —       45.99.500       —       45.99.500         Total CFDA       93.30       45.99.500       —       317.5057       —       317.5057       —       317.5057       —       317.5057       —       317.5057       —       9       —       642.395       —       642.395       —       642.395       —       642.395       —       642.395       —       642.395       —       642.395       —       642.395       —       642.395       —       642.395       —       642.395       —		Drug Abuse Research Programs		R21DA019045	University of Wisconsin	3,59		
Total CFDA       93.281       348,374       —       348,374         Biomedical Imaging Research       93.286       45.09.00       —       45.09.900         Total CFDA       93.30       31.05.077       —       31.05.077         Trans-NIH Research Support       93.30       31.075.057       —       31.05.057         Total CFDA       93.30       31.075.057       —       31.05.057         Nursing Research       93.361       9       —       9         Total CFDA       93.361       9       —       9         Total CFDA       93.371       —       642.395       —       642.395         Total CFDA       93.371       —       10.005.001       —       10.005.001         Total CFDA       93.387       —       10.005.001       —       10.005.001         Total CFDA       93.393       —       281.086       —       281.086       —       281.086       —       281.086       —       281.086       —       281.086       —       281.086       —       281.086       —       281.086       —       281.086       —       281.086       —       281.086       —       281.086       —       281.086       — <t< td=""><td></td><td>Total CFDA</td><td>93.279</td><td></td><td></td><td>3,59</td><td>7,561 18,094</td><td>3,615,655</td></t<>		Total CFDA	93.279			3,59	7,561 18,094	3,615,655
Bionedical Imaging Research       93.286       4.569.500       —       4.569.500         Trains FUR search Support       93.01       3.175.057       —       3.175.057         Total CFDA       93.30       3.175.057       —       3.175.057         Total CFDA       93.30       3.175.057       —       3.175.057         Narning Research       93.61       3.175.057       —       3.175.057         Total CFDA       93.61       9       —       9         Total CFDA       93.71       —       642.395       —       642.395         Total CFDA       93.71       —       10.005.001       —       10.005.001         Total CFDA       93.89       —       10.005.001       —       10.005.001         Total CFDA       93.89       —       281.086       —       281.086         Total CFDA       93.99       —       281.086       —       281.086       —       281.086         Cancer Cause and Prevention Research       93.93       —       17.589.165       —       17.589.165       —       17.589.165         Total CFDA       93.93       R44CA11526       Puthfinder Therapeaties       —       281.086       —       281.086		Mental Health Research Career/Scientist Development Award	93.281			34		348,374
Total CFDA       93.286       4,569,500       -       4,569,500         Trans-NHR Research Support       93.310       3,175,057       -       3,175,057         Total CFDA       93.310       3,175,057       -       3,175,057         Total CFDA       93.310       -       9       -       9,07         Total CFDA       93.361       -       642,325       -       642,325         Total CFDA       93.371       -       642,325       -       642,325         Total CFDA       93.390       -       10,005,001       -       10,005,001         Total CFDA       93.390       -       281,086       -       281,086         Carcer Cause and Prevention Research       93.393       -       281,086       -       281,086         Carcer Cause and Prevention Research       93.394       R44CA115263       Pathinder Therapeutics       6,364,887       -       17,589,165         Total CFDA       93.394       R44CA115263       Pathinder Therapeutics       6,364,887       -       17,589,165         Carcer Treatment Research       93.394       R44CA115263       Pathinder Therapeutics       7,030,767       -       7,030,767         Total CFDA       93.395       4046		Total CFDA	93.281			34		348,374
Tans-NH Research Support       9.3.10       3.175.057       —       3.175.057         Total CFDA       93.30       3.175.057       —       3.175.057         Nursing Research       9.3.30       9       —       9       …       9       …       9       …       9       …       9       …       9       …       9       …       642.395       …       642.395       …       642.395       …       642.395       …       642.395       …       10.005.001       …       10.005.001       …       10.005.001       …       10.005.001       …       10.005.001       …       10.005.001       …       10.005.001       …       10.005.001       <		Biomedical Imaging Research	93.286			4,50		4,569,500
Total CPDA       93.310       3.175.057		Total CFDA	93.286			4,50		4,569,500
Nursing Research       93.61       9		Trans-NIH Research Support	93.310			3,17		3,175,057
Total CFDA       93.361       9       -       9         Biomedical Technology       93.371       642.395       -       642.395         Total CFDA       93.371       642.395       -       642.395         Total CFDA       93.389       60.005.001       -       10.005.001         Total CFDA       93.390       10.005.001       -       10.005.001         Academic Research Enhancement Award       93.390       281.086       -       281.086         Cancer Cause and Prevention Research       93.393       17.589.165       -       17.589.165         Total CFDA       93.393       17.589.165       -       17.589.165         Cancer Detection and Diagnosis Research       93.394       Pathfinder Therapeutics       -       6.364.887       -       6.364.887         Cancer Detection and Diagnosis Research       93.394       Pathfinder Therapeutics       -       6.364.887       -       7.030.767       -       7.030.767         Cancer Treatment Research       93.394       Pathfinder Therapeutics       -       16.5540       165.540       165.540       165.540       165.540       165.540       165.540       165.540       165.540       165.540       165.540       165.540       165.540       165		Total CFDA	93.310			3,17		3,175,057
Biomedical Technology         93.371         642.395          642.395           Total CFDA         93.371         642.395          642.395           Research Infrastruture         93.389         10.005.001          10.005.001           Total CFDA         93.389         10.005.001          10.005.001           Academic Research Enhancement Award         93.390         281.086          281.086           Total CFDA         93.393         281.086          281.086           Cancer Cause and Prevention Research         93.393         281.086          281.086           Cancer Detection and Diagnosis Research         93.394         R44CA115263         Pathfinder Therapeutics         6.364.887         132.527         6.364.887           Cancer Detection and Diagnosis Research         93.394         R44CA115263         Pathfinder Therapeutics         6.364.887         132.527         6.497.414           Cancer Treatment Research         93.395         4045500014         Amer Coll of Radiology Image         7.030.767         -         7.030.767           93.395         4045500056         Frontier Science & Frontier Scienc		Nursing Research	93.361				9 —	9
Total CFDA       93.371       642.395       -       642.395         Research Infrastructure       93.389       10.005.001       -       10.005.001         Total CFDA       93.389       281.086       -       281.086         Academic Research Enhancement Award       93.390       281.086       -       281.086         Total CFDA       93.390       281.086       -       281.086         Cancer Cause and Prvention Research       93.393       71.559.165       -       17.589.165         Total CFDA       93.393       71.559.165       -       17.589.165       -       17.589.165         Cancer Cause and Prvention Research       93.394       R44CA115263       Pathfinder Therapeutics       6.364.887       132.527       6.394.887         Total CFDA       93.394       R44CA115263       Pathfinder Therapeutics       -       132.527       6.394.887         Cancer Treatment Research       93.394       R44CA115263       Pathfinder Therapeutics       -       106.540       16.54.887         93.395       404500014       AmercOol of Radiology Image       -       166.540       166.540       166.540       166.540       166.540       166.540       166.540       161.495       152.527       132.527       13		Total CFDA	93.361				9 —	9
Research Infrastructure       93.389       10.005.001       —       10.005.001         Total CFDA       93.389       281.086       —       281.086         Total CFDA       93.390       281.086       —       281.086         Total CFDA       93.390       281.086       —       281.086         Cancer Cause and Prevention Research       93.393       17.589.165       —       17.589.165         Total CFDA       93.393       17.589.165       —       17.589.165       —       17.589.165         Total CFDA       93.394       R44CA115263       Pathfinder Therapeutics       6.364.887       —       6.364.887         Total CFDA       93.394       R44CA115263       Pathfinder Therapeutics       —       132.527       6.370.807         Total CFDA       93.394       R44CA115263       Pathfinder Therapeutics       —       166.540       166.540         Cancer Treatment Research       93.395       4046500014       Amer Coll of Radiology Image       —       166.540       166.540         93.395       4046500014       Amer Coll of Radiology Image       —       18.576       18.576         93.395       4046500014       Amer Coll of Radiology Image       —       161.6405       161.640 <td></td> <td>Biomedical Technology</td> <td>93.371</td> <td></td> <td></td> <td>64</td> <td></td> <td>642,395</td>		Biomedical Technology	93.371			64		642,395
Total CFDA       93.389       10.005.001       -       10.005.001         Academic Research Enhancement Award       93.390       281.086       -       281.086         Total CFDA       93.390       281.086       -       281.086         Cancer Cause and Prevention Research       93.393       17.589.165       -       17.589.165         Total CFDA       93.393       17.589.165       -       17.589.165         Cancer Detection and Diagnosis Research       93.394       844CA115263       Pathfinder Therapeutics       -       132.527         Total CFDA       93.394       retAcA115263       Pathfinder Therapeutics       -       132.527       152.527         Total CFDA       93.394       retAcA115263       Pathfinder Therapeutics       -       132.527       152.527         Total CFDA       93.394       retarret Medicology Image       -       106.540       166.40         Cancer Treatment Research       93.395       404500014       Amer Coll of Radiology Image       -       166.540       166.40         93.395       404500015       Frontier Science & Tech Rsch Fdn       -       12.527       2       2         3355       4045700144       American Coll of Radiology Image       -       166.540		Total CFDA	93.371			64		642,395
Academic Research Enhancement Award $93.390$ $281,086$ $ 281,086$ Total CFDA $93.390$ $281,086$ $ 281,086$ Cancer Cause and Prevention Research $93.393$ $17,589,165$ $ 17,589,165$ Total CFDA $93.393$ $17,589,165$ $ 17,589,165$ $ 17,589,165$ Cancer Detection and Diagnosis Research $93.394$ $844CA115263$ Pathfinder Therapeutics $6,364,887$ $ 6,364,887$ Total CFDA $93.394$ $6,364,887$ $ 6,364,887$ $ 6,364,887$ Cancer Treatment Research $93.394$ $ 70,30,077$ $ 7,030,077$ Total CFDA $93.395$ $4046500014$ Amer Coll of Radiology Image $ 166,540$ $166,540$ Cancer Treatment Research $93.395$ $4046500014$ American Coll of Radiology Image $ 166,540$ $18,576$ $93.395$ $4046500014$ American Coll of Radiology Image $ 166,540$ $18,576$ $18,576$ $18,576$ $18,576$ $14,968$ $14,968$ $14,968$ <td< td=""><td></td><td>Research Infrastructure</td><td>93.389</td><td></td><td></td><td>10,00</td><td></td><td>10,005,001</td></td<>		Research Infrastructure	93.389			10,00		10,005,001
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		Total CFDA	93.389			10,00		10,005,001
Cancer Cause and Prevention Research       93.393       17,589,165       —       17,589,165         Total CFDA       93.393       17,589,165       —       17,589,165       —       17,589,165         Cancer Detection and Diagnosis Research       93.394       R44CA115263       Pathfinder Therapeutics       —       6,364,887       —       6,364,887         Total CFDA       93.394       R44CA115263       Pathfinder Therapeutics       —       132,527       132,527       132,527         Total CFDA       93.395       404500014       Amer Coll of Radiology Image       —       7,030,767       —       7,030,767         Cancer Treatment Research       93.395       4046500014       American Coll of Radiology Image       —       166,540       166,540         93.395       4046500014       American Coll of Radiology Group       —       18,576       18,576         93.395       4046750144       American Coll of Radiology Group       —       14,968       14,968         93.395       404675033       Southwest Oncology Group       —       14,968       14,968         93.395       UI0CA98543       Nat'l Childhood Cancer Fdn       —       34,387       34,387		Academic Research Enhancement Award	93.390			28	31,086	281,086
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		Total CFDA	93.390			28		281,086
$ \begin{array}{c} \mbox{Cancer Detection and Diagnosis Research} & 93.394 \\ 93.394 \\ \mbox{Total CFDA} & 93.394 \\ \mbox{Cancer Treatment Research} & 93.394 \\ \mbox{Cancer Treatment Research} & 93.395 \\ \mbox{Cancer Treatment Research} & 93.395 \\ \mbox{Odd} & 046500014 \\ \mbox{Odd} & Amer Coll of Radiology Image \\ \mbox{Odd} & 5 \\ \mbox{Fortier Science & Tech Rsch Fdn } - \\ \mbox{Odd} & -$		Cancer Cause and Prevention Research	93.393			17,58		17,589,165
93.394       R44CA115263       Pathfinder Therapeutics       —       132,527       132,527         Total CFDA       93.394       93.394       —       6,364,887       132,527       6,497,414         Cancer Treatment Research       93.395       4046500014       Amer Coll of Radiology Image       —       166,540       166,540         93.395       4045000605       Frontier Science & Tech Rsch Fdn       —       2       2       2         93.395       4046750144       American Coll of Radiology Image       —       18,576       18,576         93.395       4046750144       American Coll of Radiology Group       —       14,958       14,495         93.395       1010CA98543       Childrens Oncology Group       —       14,968       14,956         93.395       U10CA98543       Nat'l Childhood Cancer Fdn       —       34,387       34,387		Total CFDA	93.393			17,58		17,589,165
Cancer Treatment Research         93.395         404650014         Amer Coll of Radiology Image         7,030,767         —         7,030,767           93.395         4045000605         Frontier Science & Tech Rsch Fldn         —         166,540         166,540           93.395         4046750144         American Coll of Radiology         —         18,576         18,576           93.395         R44CA119502         Pathfinder Therapeutics, Inc.         —         61,495         61,495           93.395         U10CA98543         Southwest Oncology Group         —         14,968         14,968           93.395         U10CA98543         Nat'l Childhood Cancer Fdn         —         34,387         34,387		Cancer Detection and Diagnosis Research		R44CA115263	Pathfinder Therapeutics	6,30		
93.395       4046500014       Amer Coll of Radiology Image       —       166,540         93.395       4046500605       Frontier Science & Tech Rsch Fdn       —       2       2         93.395       4046750144       American Coll of Radiology       —       18,576       18,576         93.395       844CA119502       Pathfinder Therapeutics, Inc.       —       61,495       61,495         93.395       404775033       Southwest Oncology Group       —       14,968       14,968         93.395       U10CA98543       Childrens Oncology Group       —       286       286         93.395       U10CA98543       Nat'l Childhood Cancer Fdn       —       34,387       34,387		Total CFDA	93.394			6,30	4,887 132,527	6,497,414
Total CFDA         93.395         7.030.767         296.254         7.327.021		Cancer Treatment Research	93.395 93.395 93.395 93.395 93.395 93.395 93.395	4045000605 4046750144 R44CA1195002 4047750033 U10CA98543	Frontier Science & Tech Rsch Fdn American Coll of Radiology Pathfinder Therapeutics, Inc. Southwest Oncology Group Childrens Oncology Group	7,03	$\begin{array}{cccc} - & 166,540 \\ - & 2 \\ - & 18,576 \\ - & 61,495 \\ - & 14,968 \\ - & 286 \end{array}$	166,540 2 18,576 61,495 14,968 286
		Total CFDA	93.395			7,03	296,254	7,327,021

#### Schedule of Expenditures of Federal Awards

Program	Federal Sponsor/Project Title	CFDA	Flow-through Award Number	Flow-through Entity	Direct	Flow-through	Total
	Cancer Biology Research	93.396 93.396 93.396 93.396	U10CA21115 VANOPSTS00 5U10CA32102	Eastern Coop Onology Group Eastern Coop Onology Group Southwest Oncology Group	\$ 14,271,572 	6,310 370,850 (85)	14,271,572 6,310 370,850 (85)
	Total CFDA	93.396			14,271,572	377,075	14,648,647
	Cancer Centers Support	93.397			12,519,795		12,519,795
	Total CFDA	93.397			12,519,795	_	12,519,795
	Cancer Research Manpower	93.398			650,898	_	650,898
	Total CFDA	93.398			650,898		650,898
	Cancer Research Manpower	93.399 93.399 93.399	R01CA102353 U01CA114641	Meharry Medical College	2,445,621	134,216 8,707	2,445,621 134,216 8,707
	Total CFDA	93.399			2,445,621	142,923	2,588,544
	Family Violence Prevention & Srvces/Grants for Battered Women's Shelter	93.671			411,556	_	411,556
	Total CFDA	93.671			411,556	_	411,556
	Heart and Vascular Research	93.837 93.837 93.837 93.837 93.837 93.837 93.837	U01HL72431 P50HL61006 R01HL85834 P01HL74940 P01HL74940	Meharry Medical College University of Washington Children's Memorial Hosp (Chicago) University of Virginia Georgetown University	19,337,845 	5,535 2,011 23,789 36,537 9,080	19,337,845 5,535 2,011 23,789 36,537 9,080
	Total CFDA	93.837			19,337,845	76,952	19,414,797
	Lung Diseases Research	93.838 93.838 93.838 93.838 93.838 93.838 93.838	5U01HL64857 R01HL75770 R01HL084113 R42HL64530 5R01HL64591	University of Colorado Cincinnati Children's Hosp Rsrch University of Pittsburgh Generx, Inc. Cincinnati Children's Hosp Rsrch	6,903,036 	12,683 163 48,912 5,665 871	6,903,036 12,683 163 48,912 5,665 871
	Total CFDA	93.838			6,903,036	68,294	6,971,330
	Blood Diseases and Resources Research	93.839			7,774,108		7,774,108
	Total CFDA	93.839			7,774,108		7,774,108
	Arthritis, Muscularskeletal & Skin Diseases Research	93.846 93.846 93.846	R21AR051945 1R01AR48529	Virginia Polytechnic Inst & State Univ University of Minnesota	3,639,087	20,990 (676)	3,639,087 20,990 (676)
	Total CFDA	93.846			3,639,087	20,314	3,659,401
	Diabetes, Endocrinology and Metabolism Research	93.847 93.847 93.847 93.847 93.847 93.847	R01DK58356 R42DK65388 N01-DK-6-2203 4043510024	University of Minnesota Arthrochip, LLC Case Western University Case Western University	21,640,140 	21,018 17,647 222,408 (468)	21,640,140 21,018 17,647 222,408 (468)
	Total CFDA	93.847			21,640,140	260,605	21,900,745
	Digestive Diseases & Nutrition Research	93.848			8,058,450	—	8,058,450
		93.848	R01DK64592	Washington Univ in St Louis		58,397	58,397
	Total CFDA	93.848			8,058,450	58,397	8,116,847
	Kidney Diseases, Urology and Hematology	93.849 93.849 93.849 93.849 93.849	P01DK65123 R43DK081240 U01DK58966	University of Kansas Creare, Inc. Maine Medical Center	10,072,823	724,566 20,713 29,460	10,072,823 724,566 20,713 29,460
	Total CFDA	93.849			10,072,823	774,739	10,847,562

## Schedule of Expenditures of Federal Awards

Program	Federal Sponsor/Project Title	CFDA	Flow-through Award Number	Flow-through Entity	Direct	Flow-through	Total
	Clinical Research Related Neurological	93.853 93.853 93.853 93.853	NS052386 P01NS26630 P01NS26630	St Jude Hospital Duke University University of Miami	5 11,468,594 	132,384 (1,940) 347,903	11,468,594 132,384 (1,940) 347,903
	Total CFDA	93.853			11,468,594	478,347	11,946,941
	Biological Basics Research in Neuroscience	93.854 93.854	1U54NS41071	Meharry Medical College		230,454	230,454
	Total CFDA	93.854				230,454	230,454
	Allergy, Immunology and Transplantation	93.855 93.855 93.855	U54AI57157 U19AI57229	Duke University Stanford University	15,529,262	1,093,246 91,538	15,529,262 1,093,246 91,538
	Total CFDA	93.855			15,529,262	1,184,784	16,714,046
	Microbiology and Infectious Diseases Research	93.856 93.856 93.856 93.856 93.856 93.856 93.856 93.856 93.856 93.856 93.856 93.856	2U01AI38858 5U01AI46747 U01AI01018 U19AI48231 CDC 200-2002-00732 N01AI25462 4043620074 5R01A140350 R01AI58828 R01AI49989 4043621464	Social & Scientific Systems, Inc Fred Hutchinson Cancer Rsch Ctr Cornell University Columbus Children's Research Inst Stanford University Stanford University Social & Scientific Systems, Inc Miriam Hospital Emory University University of Virginia Social & Scientific Systems, Inc	291.261 	(722) 342,970 52,291 294,923 33,069 1,088,819 4,957 121,442 (4,220) 82,634 1,162	$\begin{array}{c} 291,261\\ (722)\\ 342,970\\ 52,291\\ 294,923\\ 33,069\\ 1,088,819\\ 4,957\\ 121,442\\ (4,220)\\ 82,634\\ 1,162\end{array}$
	Total CFDA	93.856			291,261	2,017,325	2,308,586
	Pharmacology, Physiology & Biological Chemistry Research	93.859 93.859 93.859 93.859 93.859 93.859	R01GM66119 R01GM063270 R01GM083607 R01GM068430	Scripps Research Institute New York University University of Miami University of Pittsburgh	18,555,952 	(80) 24,950 7,520 34,169	18,555,952 (80) 24,950 7,520 34,169
	Total CFDA	93.859			18,555,952	66,559	18,622,511
	Genetics & Developmental Biology Research	93.862			(15,982)		(15,982)
	Total CFDA	93.862			(15,982)		(15,982)
	Population Research	93.864 93.864 93.864	R21HD054917 R01HD42280	University of North Carolina University of Illinois	576,675	12,846 (32,953)	576,675 12,846 (32,953)
	Total CFDA	93.864			576,675	(20,107)	556,568
	Research For Mothers and Children	93.865 93.865 93.865 93.865	R01HD43063 1P01HD46261 R01HD041653	Kaiser Foundation University of Texas Northwestern University	8,294,502 	80 692,958 (3,689)	8,294,502 80 692,958 (3,689)
	Total CFDA	93.865			8,294,502	689,349	8,983,851
	Aging Research	93.866 93.866 93.866 93.866 93.866 93.866 93.866 93.866 93.866 93.866	R01AG19757 R01AG19757 R01AG20135 R01AG20135 AG21547 R01AG24010 P01AG010770	Duke University University of Miami Duke University University of Miami Duke University University of Miami University of Washington Univ of California at San Fransc	3,564,604 	(66) 173,164 287 149,050 (846) 230,476 14,886 122,673	$\begin{array}{c} 3,564,604\\ (66)\\ 173,164\\ 287\\ 149,050\\ (846)\\ 230,476\\ 14,886\\ 122,673\end{array}$
	Total CFDA	93.866			3,564,604	689,624	4,254,228

#### Schedule of Expenditures of Federal Awards

Year ended June 30, 2008

Program	Federal Sponsor/Project Title	CFDA	Flow-through Award Number	Flow-through Entity	Direct	Flow-through	Total
	Vision Research	93.867 93.867 93.867 93.867 93.867 93.867 93.867 93.867 93.867	U10EY12118 EY10886 4204301753 U10EY11751 R01EY15872 U10EY12118 IR24EY12894	Duke University Tufts University University of Illinois Jaeb Ctr for Health Rsrch Fdn, Inc. Harvard University University of Miami Western Michigan University	\$ 6,481,302 	(329) (3,935) 104,998 37,322 91,997 366,286 180,556	6,481,302 (329) (3,935) 104,998 37,322 91,997 366,286 180,556
	Total CFDA	93.867			6,481,302	776,895	7,258,197
	Medical Library Assistance	93.879			777,268		777,268
	Total CFDA	93.879			777,268		777,268
	Resource and Manpower Dev in Environmental Health Sciences	93.894			(11,683)		(11,683)
	Total CFDA	93.894			(11,683)		(11,683)
	Fogarty International Research Collaborative	93.934			32,374		32,374
	Total CFDA	93.934			32,374		32,374
	Senior International Fellowships	93.989 93.989	U2RTW006901	Cornell University		40,522	40,522
	Total CFDA	93.989				40,522	40,522
	Total National Institutes of Health				260,603,817	18,015,522	278,619,339
	Total Department of Health and Human Services				263,659,167	20,440,134	284,099,301
	US Agency for International Development						
	USAID Foreign Assistance for Prog Oversea	98.001			519,816		519,816
	Total CFDA	98.001			519,816	_	519,816
	Global Development Alliance	98.011 98.011 98.011	DFDI00030014400 DFDI00050022100	Management Systems Int'l Management Systems Int'l	1,401,020	119 128,003	1,401,020 119 128,003
	Total CFDA	98.011		. <u>e</u>	1,401,020	128,122	1,529,142
	Total US Agency for International Development				1,920,836	128,122	2,048,958
	U.S. Department of Justice National Institute Juvenile Justice & Delinquency Prevention	16.542			70,353		70,353
	Total CFDA	16.542			70,353		70,353
	Justice Research, Development & Evaluation Project	16.560 16.560	4251005003	Institute of Law and Justice		(963)	(963)
	Total CFDA	16.560			_	(963)	(963)
	Total U.S. Department of Justice				70,353	(963)	69,390
	National Aeronautics Space Administration NASA Research Grants	43.000 43.000	4224223533	Lockheed Martin Corporation	1,605,460		1,605,460
		43.000 43.000	NNL06AA29C HST-GO-10628.01-A	Georgia Institute of Technology Space Telescope Science Inst.	_	166,001 2,900	166,001 2,900
		43.000	HST-GO-10921-01.A	Space Telescope Science Inst.	_	21,242	21,242
		43.000 43.000	HST-AR-10967.01-A 8100000850	Space Telescope Science Inst. Lockheed Martin Corporation	_	43,739 187,723	43,739 187,723
		43.000	NNA07BB97C	Universities Space Rsch Assoc	—	43,570	43,570
		43.000 43.000	HST-GO-11164.01-A VAN-05-S-246	Space Telescope Science Inst. Muniz Engineering, Inc.		4,781 79,591	4,781 79,591
		43.000	07-524	CFD Research Corporation	—	9,139	9,139
		43.000 43.000	C09080012 QSI-DSC-07-009	Honeywell International, Inc. Qualtech Systems, Inc.		8,028 29,131	8,028 29,131
		43.000	HST-GO-10246-02-A	Space Telescope Science Inst.	—	20,174	20,174

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## Schedule of Expenditures of Federal Awards

Program	Federal Sponsor/Project Title	CFDA	Flow-through Award Number	Flow-through Entity	Direct	Flow-through	Total
		43.000 43.000	4224223613 VU10NN02	ITT Industries, Inc. Metrolaser, Inc.	\$	30,539 4,829	30,539 4,829
	Total CFDA	43.000			1,605,460	651,387	2,256,847
	Total National Aeronautics Space Administration				1,605,460	651,387	2,256,847
Inst	onal Foundation for the Arts and Humanities itute of Museum Services titute of Museum and Library Service:	45.313			24,014		24,014
11150	Total CFDA	45.313			24,014		24,014
		45.515			·		
	Total Institute of Museum Services				24,014		24,014
	Total National Foundation for the Arts and Humanities				24,014		24,014
Natio	onal Science Foundation	47.000 47.000	ECS 061528		205	10,773	205 10,773
	Total CFDA	47.000			205	10,773	10,978
	Engineering Grants	47.041 47.041 47.041 47.041 47.041 47.041	IIP0646322 IIP0740683 IIP0740397 EEC0540834 CBET0651803	Tetramer Technologies, LLC Appliflex, LLC Wavesinsolids, LLC University of Minnesota Johns Hopkins University	1,985,386 	2,894 11,735 24,538 357,558 25,142	1,985,386 2,894 11,735 24,538 357,558 25,142
	Total CFDA	47.041			1,985,386	421,867	2,407,253
	Mathematical & Physical Sciences	47.049 47.049 47.049	DMS0504924 GSSP070020	University of Maryland Associated Universities, Inc.	3,042,449	21,586 17,149	3,042,449 21,586 17,149
	Total CFDA	47.049			3,042,449	38,735	3,081,184
	Geosciences	47.050 47.050	EAR0711109	University of Chicago	516,181	13,707	516,181 13,707
	Total CFDA	47.050			516,181	13,707	529,888
	Computer and Info Sciences & Engineering	47.070 47.070 47.070 47.070 47.070	SA41043-10097PG CNS0509342 CCF0424422 CNS0804230 CCR0225610	University of California Berkley Univ of Alabama at Birmingham University of California Berkley Mississippi State University University of California Berkley	1,229,519 	10,522 8,555 511,534 28,530 325,287	1,229,519 10,522 8,555 511,534 28,530 325,287
	Total CFDA	47.070			1,229,519	884,428	2,113,947
	Biological Sciences	47.074			1,594,436		1,594,436
	Total CFDA	47.074			1,594,436		1,594,436
	Social, Behavioral and Economic Sciences	47.075 47.075	SBE0542013		1,328,508	320,984	1,328,508 320,984
	Total CFDA	47.075			1,328,508	320,984	1,649,492
	Educational and Human Resources	47.076 47.076 47.076 47.076 47.076 47.076 47.076 47.076 47.076 47.076	ESI0227592 DUE0737198 EHR0227016 ESI0454754 EHR0456995 ESI0119732 DRL0733209 4224303353	University of Wisconsin East Carolina University University of Wisconsin University of Massachusetts Brown University University of Wisconsin City College of New York Tennessee State University	2,063,553	27,519 4,046 148 113,641 (2,373) 30,003 40,686	2,063,553 27,519 4,046 148 113,641 (2,373) 30,003 40,686 
	Total CFDA	47.076			2,063,553	213,670	2,277,223

## Schedule of Expenditures of Federal Awards

<u>n</u>	Federal Sponsor/Project Title	CFDA	Flow-through Award Number	Flow-through Entity	 Direct	Flow-through	Total
	Polar Programs	47.078			\$ 17,784	_	17,784
		47.078	2505500001005		 	2,922	2,922
	Total CFDA	47.078			 17,784	2,922	20,706
	International Science & Engineering	47.079 47.079	KYM12852BI07		 	2,357	2,357
	Total CFDA	47.079			_	2,357	2,357
	Total National Science Foundation				 11,778,021	1,909,443	13,687,464
	Dther Federal Agencies Nuclear Regulatory						
	USNRC Nuclear Education Grant Program	77.006 77.006	NRC3807502	Rutgers, The State Univ of NJ	58,907	6,747	58,90 6,74
	Total CFDA	77.006	NRC5807502	Rugers, the state only of NJ	 58,907	6,747	65,65
	Total Nuclear Regulatory	77.000			 58,907	6,747	65,65
	Homeland Security				 58,907	0,747	05,05
	Research Projects	97.002			_	_	_
		97.002	5-39181	University of Memphis	 	421,274	421,27
	Total CFDA	97.002			 	421,274	421,27
	Total Homeland Security				 	421,274	421,27
	General Service Administration Federal Citizen Information Center	39.009					
	Federal Citizen Information Center	39.009	USAF0060430001	General Dynamics Info Technology	 	21,961	21,96
	Total CFDA	39.009			_	21,961	21,96
	Total General Service Administration				_	21,961	21,96
	Library of Congress						
	Library of Congress – Library Services	42.006 42.006	SB050038 KK8126	Univ of California, Santa Barbara	_	103,248	103,24
	Total CFDA	42.006	55000000 1110120	Chill of California, Dana Darbara	 	103,248	103,24
	Total Library of Congress	12.000			 	103,248	103,24
	Total Other Federal Agencies				 58,907	553,230	612,13
N	Vational Academy of Science				 200,207	000,200	012,10
-	National Research Counci						
	Other	99.000 99.000	4206304822	Ford Foundation		40,000	40,00
	Total CFDA	99.000			 	40,000	40,00
	Total National Research Council				 	40,000	40,00
	Total National Academy of Science				 _	40,000	40,00
U	J.S. Department of Transportation				 		
	· · · · · · · · · · · · · · · · · · ·	20.000 20.000	FA-08-21984	TN Dept of Transportation	_	57,281	57,28
	Total CFDA	20.000		· · · · · · · · · · · · · · · · · · ·	 	57,281	57,28
	Aviation Research Grants	20.108			 208,572		208,57
	Total CFDA	20.108			 208,572		208,57
	Highway Planning and Construction	20.205			 		
		20.205	FA-06-16691-00	TN Dept of Transportation	—	(216)	(21
		20.205	FA-06-16701-00	TN Dept of Transportation	 	10,616	10,61
	Total CFDA	20.205			 	10,400	10,400

#### Schedule of Expenditures of Federal Awards

Program Federal Sponsor/Project Title	CFDA	Flow-through Award Number	Flow-through Entity	Direct	Flow-through	Total
Federal Transit Grants for Universities	20.502			\$ —	_	_
	20.502	DTRS95G0004	University of Tennessee		16,504	16,504
Total CFDA	20.502				16,504	16,504
Occupant Protection	20.602 20.602	DTNH2204H05111	Meharry Medical College	_	17,804	17,804
Total CFDA	20.502	DITTIEDOTTOSITI	Menally Medical Conego		17,804	17,804
University Transportation Centers Program	20.701					
Oniversity Hansportation Centers Hogham	20.701	DTRS99G0004: 07-VU-S1	University of Tennessee	_	23,821	23,821
	20.701 20.701	DTRS99G0004: 07-VU-S2 P0016450	University of Tennessee University of Memphis		20,179 260,352	20,179 260,352
Total CFDA	20.701		- A		304,352	304,352
Total U.S. Department of Transportation				208,572	406,341	614,913
Tennessee Valley Authority						
TVA Environmental Research Center	62.001			125,870		125,870
Total CFDA	62.001			125,870		125,870
Total Tennessee Valley Authority				125,870		125,870
Veteran Affairs Veteran Affairs	64.000			294,808		294,808
Total CFDA	64.000			294,808	—	294,808
Total Veteran Affairs				294,808	_	294,808
Total Research				314,182,645	34,411,428	348,594,073
*Student Financial Aid						
U.S. Department of Education Federal Supplemental ED Opportunity Grant:	84.007			1,245,207	_	1,245,207
Total CFDA	84.007			1,245,207		1,245,207
Federal Family Education Loan Program	84.032			80,103,052		80,103,052
Total CFDA	84.032			80,103,052		80,103,052
Federal Work-Study Program	84.033			1,439,844		1,439,844
Total CFDA	84.033			1,439,844		1,439,844
Federal Perkins Loan Program	84.038			2,776,272		2,776,272
Total CFDA	84.038			2,776,272		2,776,272
Federal Pell Grant Program	84.063			2,251,301		2,251,301
Total CFDA	84.063			2,251,301		2,251,301
Academic Competitiveness Grants	84.375			162,650		162,650
Total CFDA	84.375			162,650		162,650
National Science & Mathematics Access to Retain Talent Grants	84.376			215,605		215,605
Total CFDA	84.376			215,605		215,605
Total U.S. Department of Education				88,193,931	_	88,193,931
U.S. Department of Health & Human Services						
Nursing Faculty Loan Program	93.264			75,423	_	75,423
Total CFDA	93.264			75,423		75,423

## Schedule of Expenditures of Federal Awards

Year ended June 30, 2008

Program	Federal Sponsor/Project Title	CFDA	Flow-through Award Number	Flow-through Entity	 Direct	Flow-through	Total
	Nursing Student Loan Program	93.364			\$ 166,000		166,000
	Total CFDA	93.364			 166,000		166,000
	Total Department of Health and Human Services				 241,423		241,423
	Total Student Financial Aid				 88,435,354		88,435,354
Other							
	U.S. Department of Education						
	Spec Ed - Personnel Prep to Improve Svcs for Disabled Children	84.325			3,811,997	_	3,811,997
		84.325	4261002063 57201	University of Florida Pennsylvania College of Optometry	_	(6,339) 64,600	(6,339) 64,600
	Total CFDA	84.325			 3,811,997	58,261	3,870,258
	Total U.S. Department of Education				 3,811,997	58,261	3,870,258
	U.S. Department of Health & Human Services						
	*Global AIDS	93.067			 3,282,618		3,282,618
	Total CFDA	93.067			3,282,618		3,282,618
	Cancer Research Manpower	93.398			 4,395,286		4,395,286
	Total CFDA	93.398			 4,395,286		4,395,286
	*Pharmacology, Physiology & Biological Chemistry Research	93.859			 3,722,155		3,722,155
	Total CFDA	93.859			 3,722,155		3,722,155
	Total Department of Health and Human Services				 11,400,059		11,400,059
Type B:							

Other

U.S. Department of Agriculture Child and Adult Care Food Program	10.558 10.558	34764499001	TN Dept of Human Services		(5,456)	(5,456)
Total CFDA	10.558				(5,456)	(5,456)
Total U.S. Department of Agriculture					(5,456)	(5,456)
U.S. Department of Commerce Measurement and Engineering Research	11.609			3,670		3,670
Total CFDA	11.609			3,670		3,670
Total U.S. Department of Commerce				3,670		3,670
Corporation For National Service						
	94.000			7,960		7,960
Total CFDA	94.000			7,960		7,960
Learn & Serve America Higher Education	94.005			173,925		173,925
Total CFDA	94.005			173,925		173,925
Americorps	94.006			_	_	_
	94.006	GR-04-15902-00	TN Department of Finance	—	-	-
	94.006	GR-03-15171	TN Department of Finance	—	(762)	(762)
	94.006	06 AC67098	TN Department of Finance	—	(9,165)	(9,165)
	94.006 94.006	4081105822 04 AC40525	TN Department of Finance TN Department of Finance	—	145,793 5,974	145,793 5,974
	94.008	04 AC40325	TN Department of Finance		5,974	3,974
Total CFDA	94.006				141,840	141,840

#### Schedule of Expenditures of Federal Awards

Program	Federal Sponsor/Project Title	CFDA	Flow-through Award Number	Flow-through Entity	Direct	Flow-through	Total
	Training and Technical Assistance	94.009			\$ —	_	_
		94.009	4081105812	TN Department of Finance		3,760	3,760
	Total CFDA	94.009				3,760	3,760
	Total Corporation For National Service				181,885	145,600	327,485
	U.S. Department of Defense:						
	Army	12.000			422,454	_	422,454
		12.000 12.000	4060804013 4060804023			1,494 2,398	1,494 2,398
	Total CFDA	12.000	400004025		422,454	3,892	426,346
	Basic Scientific Research	12.431			14,193	5,072	14,193
	Total CFDA	12.431			14,193		14,193
	Total Army	12.451			436,647	3,892	440,539
	Total U.S. Department of Defense				436,647	3,892	440,539
	-				430,047	3,892	440,339
	U.S. Department of Education Department of Education	84.000			—	_	_
		84.000	4205902005 4205902015	Univ of California San Diego Fisk University	_	11,282 9,000	11,282 9,000
		84.000	ED-06-R-0021	Westat, Inc.	_	645,177	645,177
		84.000	2-218740-02	Metro Nashville Davidson Co		28,598	28,598
	Total CFDA	84.000				694,057	694,057
	National Resource Centers & Fellowship	84.015			414,018		414,018
	Total CFDA	84.015			414,018		414,018
	Special Education Grants to States	84.027 84.027	4045705163	TN Dept. of Education		(184)	(184)
		84.027	PAVE	TN Dept. of Education	_	(333)	(333)
		84.027 84.027	4045705153 4045705183	TN Dept. of Education TN Dept. of Education	_	(5,205) 348,580	(5,205) 348,580
		84.027	GR-05-16690-00	TN Dept. of Education		311,657	311,657
	Total CFDA	84.027				654,515	654,515
	Fund for the Improvement of Postsecondary Education	84.116			_		
		84.116	4207202073	Howard University		13,102	13,102
	Total CFDA	84.116				13,102	13,102
	Rehabilitation Services – Vocational Rehab	84.126 84.126	GR-05-16271-01	TN Dept of Human Services		(12,297)	(12,297)
		84.126	GR-06-17179-00	TN Dept of Human Services	—	(9,963)	(9,963)
		84.126	GR-00-12686	TN Dept of Human Services		56,357	56,357
	Total CFDA	84.126				34,097	34,097
	National Institute on Disability & Rehabilitation Research	84.133 84.133	4224302035	University of Connecticut		330	330
	Total CFDA	84.133				330	330
	Javits Fellowships	84.170			42,628		42,628
	Total CFDA	84.170			42,628		42,628
	Special Education Preschool Grants	84.173					
	·····	84.173	4045705193			60	60
	Total CFDA	84.173				60	60

### Schedule of Expenditures of Federal Awards

Program	Federal Sponsor/Project Title	CFDA	Flow-through Award Number	Flow-through Entity	Direct	Flow-through	Total
	Special Education Grants For Infants & Families with Disabilities	84.181 84.181 84.181	4045705203 4045705213	TN Dept of Education TN Dept of Education	\$	743,954 306,355	743,954 306,355
	Total CFDA	84.181 84.181	4045705173	TN Dept of Education		(3,572) 1,046,737	(3,572) 1,046,737
	Safe & Drug-Free Schools & Communities	84.186				1,040,737	1,040,737
	Sale & Drug-Free Schools & Communities	84.186	GR-07-18399	TN Dept of Education		79,704	79,704
	Total CFDA	84.186				79,704	79,704
	Graduate Assistance In Areas Of National Need	84.200			190,303		190,303
	Total CFDA	84.200			190,303		190,303
	National Institute on Student Achievement	84.305 84.305	PROJ0000243	Northwestern University	1,355,522	9,132	1,355,522 9,132
	Total CFDA	84.305			1,355,522	9,132	1,364,654
	Capacity Blg for Traditionally Under	84.315			(8,840)		(8,840)
	Total CFDA	84.315			(8,840)		(8,840)
	Special Education – State Personnel Development	84.323 84.323 84.323	GR-07-18009-00 GR-06-17720-00	TN Department of Education TN Department of Education		43,114 (11,281)	43,114 (11,281)
	Total CFDA	84.323			_	31,833	31,833
	Special Education Research & Innovation	84.324			39,244		39,244
	Total CFDA	84.324			39,244		39,244
	Spec Ed – Technical Assistance & Dissemination to Improve Svcs	84.326 84.326	5830-1251-00-B	University of South Florida	317,744	4,198	317,744 4,198
	Total CFDA	84.326			317,744	4,198	321,942
	Gaining Early Awareness & Readiness for Undergraduate Program	84.334 84.334	FA-08-24222-00	TN Higher Education Commission	50,266	15,980	50,266 15,980
	Total CFDA	84.334			50,266	15,980	66,246
	Minority Outreach Program	84.920			(6,469)		(6,469)
	Total CFDA	84.920			(6,469)		(6,469)
	Total U.S. Department of Education				2,394,416	2,583,745	4,978,161
	U.S. Department of Energy	01.000					
		81.000 81.000	4581004252	Krell Institute, Inc.	_	102	102
	Total CFDA	81.000				102	102
	Office of Science Financial Assistance	81.049					_
		81.049	4000039014	UT-Battelle, LLC		21,557	21,557
	Total CFDA	81.049				21,557	21,557
	Total U.S. Department of Energy					21,659	21,659
	U.S. Department of Health & Human Services: Centers for Medicare and Medicaid Service: Medical Assistance Program	93.778 93.778 93.778 93.778 93.778 93.778	GR-04-15873-00 GR-07-15873-00 GR-07-18109 GR-06-16956 4044255103 4044255103 GR-07-18399	TN Bureau of TennCare TN Dept of Health TN Dept of Health TN Dept of Finance & Admin TN Dept of Health TN Dept of Health TN Dept of Health		(1,201) 360 862,794 607,754 50,219 292,085 21,301	(1,201) 3600 862,794 607,754 50,219 292,085 21,301

#### Schedule of Expenditures of Federal Awards

		4044255053	TN Dept of Health	\$	129	129
	93.778	GR-06-16995-00	TN Dept of Health	-	1,595	1,595
		GR-06-15873 4044255073	TN Dept of Health TN Dept of Finance & Admin		976 8,321	976 8,321
	93.778	4090135013	TN Dept of Health		(527)	(527)
Total CFDA	93.778				1,843,806	1,843,806
Total Centers for Medicare and Medicaid Services					1,843,806	1,843,806
Administration for Children and Families						
Head Start	93.600			1,118,172		1,118,172
Total CFDA Developmental Disabilities Basic Support	93.600 93.630			1,118,172	—	1,118,172
Developmental Disabilities Basic Support	95.650	GR-08-22277	TN Dept of MH/DD	_	71,231	71,231
	93.630	GR-07-18199-00	TN Dept of MH/DD	—	5,308	5,308
		GR-07-18238	TN Dept of MH/DD	-	1,367	1,367
	93.630	GR-08-22321 GR-07-18474-00	TN Dept of MH/DD TN Dept of MH/DD	_	159,455 (3,599)	159,455 (3,599)
Total CFDA	93.630		-		233,762	233,762
Total Administration for Children and Families				1,118,172	233,762	1,351,934
Agency for Healthcare Research and Quality						
	93.000	200.04.0005		—	72.397	72.397
	93.000 93.000	290-04-0006 4047855014	TN Dept of Finance & Admin TN Dept of Finance & Admin	_	246,089	246,089
	93.000	4047855034	TN Dept of Health	_	1,647,508	1,647,508
	93.000	4047855044	TN Dept of Health		6,427	6,427
Total CFDA	93.000				1,972,421	1,972,421
National Research Service Awards Health	93.225			287,014		287,014
Total CFDA	93.225			287,014		287,014
Research on Healthcare Costs, Quality & Outcomes	93.226			7,876		7,876
Total CFDA	93.226			7,876		7,876
Total Agency for Healthcare Research and Quality				294,890	1,972,421	2,267,311
Substance Abuse and Mental Health Services Administration						
Projects of Regional & National Significanc	93.243 93.243	Z-07-033420		69,492	1,672	69,492 1,672
Total CFDA	93.243	2-07-033420		69,492	1,672	71,164
Total Substance Abuse & Mental Health Services Admin	75.245			69,492	1,672	71,164
Center for Disease Control				09,492	1,072	/1,104
Innovations in Applied Public Health	93.061			92,148		92,148
Total CFDA	93.061			92,148		92,148
Injury Prevention and Control Research	93.136			_	_	_
injury revention and control research	93.136	4045785034	TN Department of Health	_	(10,181)	(10,181)
	93.136	FA-07-16968	TN Department of Health		8,114	8,114
Total CFDA	93.136				(2,067)	(2,067)
CDC and Prevention - Investigations and Technical Assistance	93.283	11500011400170		_	57.000	57 000
	93.283	U50CCU422173	Matthew Walker Comp Health Ctr		57,888	57,888
Total CFDA	93.283				57,888	57,888
HIV Demonstration, Research, Public & Professional Educ Projects	93.941 93.941	U62CCU123541	CDC Foundation, Inc.		489,832	489,832

### Schedule of Expenditures of Federal Awards

Program	Federal Sponsor/Project Title	CFDA	Flow-through Award Number	Flow-through Entity	 Direct	Flow-through	Total
	Assistance Programs for Chronic Disease	93.945			\$ 29,805		29,805
	Total CFDA	93.945			 29,805		29,805
	Preventive Health & Health Services Block Grant	93.991 93.991	GR-04-15889-00	TN Department of Health	 _	840,440	840,440
	Total CFDA	93.991			 	840,440	840,440
	Total Center for Disease Control				 121,953	1,386,093	1,508,046
	Health Resource Services Administration						
		93.000 93.000 93.000 93.000	D36HP10050 GR-08-21903 GR-08-22160	Meharry Medical College TN Dept of MH/DD TN Dept of MH/DD	 	1,339 63,995 64,867	1,339 63,995 64,867
	Total CFDA	93.000			 	130,201	130,201
	Public Health & Social Services Emergency Fund	93.003 93.003 93.003 93.003 93.003 93.003 93.003 93.003 93.003 93.003 93.003 93.003 93.003 93.003 93.003 93.003	Z-04-019660-00 4016015024 4016015034 4016015034 4016015054 4016015064 GR-05-16617-00 4096015034 4096015034 4096015054 GR-05-16692-00 Z-04-019661-00	TN Department of Health TN Department of Health		1,622 9,725 20,929 122,860 45,019 1,120 7,212 50,053 45,838 67,900 184,250 3,474	1,622 9,725 20,929 122,860 45,019 1,120 7,212 50,053 45,838 67,900 184,250 3,474
	Total CFDA	93.003			 	560,002	560,002
	Medical Reserve Corps Small Grant Program	93.008			 (4)		(4)
	Total CFDA	93.008			 (4)		(4)
	Mental Health Planning and Demo Projects	93.110			 430,157		430,157
	Total CFDA	93.110			 430,157		430,157
	Emergency Medical Services for Children	93.127 93.127 93.127 93.127	GR-06-17942 H33MC068841	TN Department of Health TN Department of MH/DD	157,392 	(16,586) (1,077)	157,392 (16,586) (1,077)
	Total CFDA	93.127			 157,392	(17,663)	139,729
	Advanced Education Nursing Grant Program	93.247			 1,090,496		1,090,496
	Total CFDA	93.247			 1,090,496		1,090,496
	National Poison Control Systems Stabilization	93.253			 359,075		359,075
	Total CFDA	93.253			 359,075		359,075
	Professional Nurse Traineeships	93.358			 193,866		193,866
	Total CFDA	93.358			 193,866		193,866
	Basic Nurse Education & Practice Grants	93.359			 805,570		805,570
	Total CFDA	93.359			 805,570		805,570
	Maternal and Child Health Services Block	93.994 93.994 93.994	4045905413 4045905423	TN Department of Health TN Department of Health		(1,220) 796,004	(1,220) 796,004
	Total CFDA	93.994			 _	794,784	794,784
	Total Health Resource Services Administration				3,036,552	1,467,324	4,503,876

### Schedule of Expenditures of Federal Awards

Program	Federal Sponsor/Project Title	CFDA	Flow-through Award Number	Flow-through Entity	Direct	Flow-through	Total
	National Institutes of Health						
		93.000	K1211D00850	V-1- University	\$ 60,274	96,134	60,274
		93.000 93.000	K12HD00850 R25CA102209	Yale University Meharry Medical Center	_	96,134 14,794	96,134 14,794
		93.000	4060800043	Batelle Memorial Institute	-	(1,156)	(1,156)
		93.000 93.000	U01AI69421 N01LM63502	Cornell University University of Maryland		21,138 11,264	21,138 11,264
		93.000	PO#184382	Batelle Memorial Institute		49,632	49,632
	Total CFDA	93.000			60,274	191,806	252,080
	Maternal & Child Health Fed Consolidated Program	93.110			—	—	_
		93.110	T83MC00008	Tennessee State University		136,425	136,425
	Total CFDA	93.110				136,425	136,425
	Biological Response to Environment Health	93.113			662,340		662,340
	Total CFDA	93.113			662,340		662,340
	Research Related To Deafness and Communication Disorders	93.173			62,074		62,074
	Total CFDA	93.173			62,074		62,074
	Mental Health Research Grants	93.242			675,980		675,980
	Total CFDA	93.242			675,980		675,980
	Alcohol National research Service Awards	93.272			73,290		73,290
	Total CFDA	93.272			73,290		73,290
	Drug Abuse National Research Service Awd	93.278			174,190		174,190
	Total CFDA	93.278			174,190		174,190
	Drug Abuse Research Programs	93.279			572,100		572,100
	Total CFDA	93.279			572,100		572,100
	Mental Health Research Career/Scientist Development Awards	93.281			121,391		121,391
	Total CFDA	93.281			121,391		121,391
	Mental Health National Research Service Awards	93.282			1,125,304		1,125,304
	Total CFDA	93.282			1,125,304		1,125,304
	Biomedical Imaging Research	93.286			587,075		587,075
	Total CFDA	93.286			587,075		587,075
	Clinical Research	93.333			151,793		151,793
	Total CFDA	93.333			151,793		151,793
	Nursing Research	93.361			91,213		91,213
	Total CFDA	93.361			91,213		91,213
	Research Infrastructure	93.389			1,641,262		1,641,262
	Total CFDA	93.389			1,641,262		1,641,262
	Developmental Disabilities Basic Support	93.630			_	_	_
		93.630	4042985423			20,405	20,405
	Total CFDA	93.630				20,405	20,405
	Cell Biology and Biophysics Research	93.821			23,030		23,030
	Total CFDA	93.821			23,030		23,030
	Heart and Vascular Diseases Research	93.837 93.837	K01HL76623	Meharry Medical College	1,685,134	8,764	1,685,134 8,764
	Total CFDA	93.837			1,685,134	8,764	1,693,898

Schedule of Expenditures of Federal Awards

Program	Federal Sponsor/Project Title	CFDA	Flow-through Award Number	Flow-through Entity	Direct	Flow-through	Total
	Lung Diseases Research	93.838			\$ 507,085	_	507,085
	Total CFDA	93.838			507,085		507,085
	Blood Diseases and Resources Research	93.839 93.839	K01HL67715	Meharry Medical College	707,462	15	707,462 15
	Total CFDA	93.839			707,462	15	707,477
	Arthritis, Muscularskeletal & Skin	93.846			109,606		109,606
	Total CFDA	93.846			109,606		109,606
	Diabetes, Endocrinology and Metabolism Research	93.847 93.847	4013864753	Meharry Medical College	1,348,450	(222)	1,348,450 (222)
	Total CFDA	93.847			1,348,450	(222)	1,348,228
	Digestive Diseases & Nutrition Research	93.848			150,839		150,839
	Total CFDA	93.848			150,839		150,839
	Kidney Diseases, Urology and Hematology	93.849			232,670		232,670
	Total CFDA	93.849			232,670		232,670
	Clinical Research Related Neurological Disorders	93.853			1,077,422		1,077,422
	Total CFDA	93.853			1,077,422		1,077,422
	Allergy, Immunology and Transplantation	93.855			1,148,231		1,148,231
	Total CFDA	93.855			1,148,231		1,148,231
	Microbiology and Infectious Diseases Research	93.856			1,290		1,290
	Total CFDA	93.856			1,290		1,290
	Population Research	93.864			564,697		564,697
	Total CFDA	93.864			564,697		564,697
	Research For Mothers and Children	93.865 93.865	T32HD44328	Stanford University	1,289,198	1,171	1,289,198 1,171
	Total CFDA	93.865			1,289,198	1,171	1,290,369
	Aging Research	93.866			291,664		291,664
	Total CFDA	93.866			291,664		291,664
	Vision Research	93.867			334,756		334,756
	Total CFDA	93.867			334,756		334,756
	Medical Library Assistance	93.879			624,418		624,418
	Total CFDA	93.879			624,418		624,418
	Resource and Manpower Dev in Environmental Health Sciences	93.894			5,252		5,252
	Total CFDA	93.894			5,252		5,252
	Senior International Fellowships	93.989			1,444,600		1,444,600
		93.989	R25TW07766 2D43TW00018	Meharry Medical College Cornell University	_	14,561 79,426	14,561 79,426
	Total CFDA	93.989			1,444,600	93,987	1,538,587
	Total National Institutes of Health				17,544,090	452,351	17,996,441
	Total U.S. Department of Health & Human Services				22,185,149	7,357,429	29,542,578
	U.S. Department of Labor						
	-	17.000	AH-13665-04-60	TN Dept of Labor & Workforce Dev		(66,000)	(66,000)
	Total CFDA	17.000				(66,000)	(66,000)
	Total U.S. Department of Labor					(66,000)	(66,000)

### Schedule of Expenditures of Federal Awards

Program	Federal Sponsor/Project Title	CFDA	Flow-through Award Number	Flow-through Entity	Direct	Flow-through	Total
	National Aeronautics Space Administration NASA Grants	43.000 43.000 43.000 43.000 43.000	4206303502 HST-EO-10921.06-A HST-EO-11164.06-A HST-EO-10628.04-A	United Negro College Fund, Inc Space Telescope Science Institute Space Telescope Science Institute Space Telescope Science Institute	\$ 516,687 	8,500 44,018 4,293 23,674	516,687 8,500 44,018 4,293 23,674
	Total CFDA	43.000		. I	516,687	80,485	597,172
	Total National Aeronautics Space Administration				516,687	80,485	597,172
	National Foundation for the Arts and Humanities National Endowment for the Humanitie Promotion of the Humanities Div of Prese	45.149					
					139,760		139,760
	Total CFDA	45.149			139,760		139,760
	Total National Endowment for the Humanities				139,760		139,760
	Total National Foundation for the Arts and Humanities				139,760		139,760
	National Science Foundation Engineering Grants	47.041 47.041 47.041	8602-55014 EEC0540834	Johns Hopkins University University of Minnesota	815,162	2,179 9,387	815,162 2,179 9,387
	Total CFDA	47.041			815,162	11,566	826,728
	Mathematical & Physical Sciences	47.049 47.049 47.049 47.049 47.049	DMS0349367 PHY0715396 DMS0532334	University of Hawaii University of Norte Dame Society of Industrial & App Mathematics	183,642	7,288 800 8,000	183,642 7,288 800 8,000
	Total CFDA	47.049	51100002001	Society of Industrial & Typ Manonatos	183,642	16,088	199,730
	Computer and Info Sciences & Engineering	47.070 47.070	CCR0225610	University of California Berkley	190,734	7,500	190,734 7,500
	Total CFDA	47.070			190,734	7,500	198,234
	Biological Sciences	47.074			25,490		25,490
	Total CFDA	47.074			25,490		25,490
	Social, Behavioral and Economic Sciences	47.075			12,567		12,567
	Total CFDA	47.075			12,567		12,567
	Educational and Human Resources	47.076 47.076 47.076	HRD0217629-VU-01 DUE0717768	Tennessee State University University of Wisconsin	1,165,049	105,503 7,596	1,165,049 105,503 7,596
	Total CFDA	47.076			1,165,049	113,099	1,278,148
	Total National Science Foundation				2,392,644	148,253	2,540,897
	Council of Economic Advisors Intergovernmental Personnel Act Mobility	27.011			12,971		12,971
	Total CFDA	27.011			12,971		12,971
	Total Council of Economic Advisors				12,971		12,971
	U.S. Department of Transportation Highway Training and Education	20.215			23,957		23,957
	Total CFDA	20.215			23,957		23,957
	Federal Transit Grants for University	20.502 20.502	DTRT07G0004	University of Tennessee		2,000	2,000
	Total CFDA	20.502				2,000	2,000
	Total U.S. Department of Transportation				23,957	2,000	25,957

#### Schedule of Expenditures of Federal Awards

Program	Federal Sponsor/Project Title	CFDA	Flow-through Award Number	Flow-through Entity	 Direct	Flow-through	Total
	Tennessee Valley Authority						
	TVA Environmental Research Center	62.001			\$ 233,194		233,194
	Total CFDA	62.001			 233,194		233,194
	Total Tennessee Valley Authority				233,194	—	233,194
	Total Other				 28,520,980	10,271,607	38,792,587
	Total Federal Awards				\$ 446,351,035	44,741,296	491,092,331

## Notes to Schedule of Expenditures of Federal Awards

Year ended June 30, 2008

## (1) **Basis of Presentation**

The accompanying Schedule of Expenditures of Federal Awards summarizes the expenditures of The Vanderbilt University (the University) under federal programs for the year ended June 30, 2008. Because the schedule presents only a selected portion of the operations of the University, it is not intended to, and does not, present the financial position, changes in net assets, or cash flows of the University.

For purposes of the Schedule of Expenditures of Federal Awards, federal awards include all grants, contracts, and similar agreements entered into directly between the University and agencies and departments of the federal government and all subawards to the University by nonfederal organizations pursuant to federal grants, contracts, and similar agreements. The awards are classified into Type A and Type B programs in accordance with the provisions of Office of Management and Budget (OMB) Circular A-133, *Audits of States, Local Governments, and Non-Profit Organizations*. Clustered award categories are as follows:

**Research and Development** – Includes awards for systematic study directed toward fuller scientific knowledge or understanding of the subject studied, and are funded primarily by The National Institutes of Health.

**Student Financial Aid** – Includes certain awards to provide financial assistance to eligible students, primarily under the Federal Work-Study Program (FWS), Scholarship Program for Students of Exceptional Financial Need (EFN), Federal Pell Grant, and Federal Supplemental Educational Opportunity Grant (FSEOG) of the U.S. Departments of Education and Health and Human Services. The University also receives awards to make loans to eligible students under certain federal student loan programs (Federal Perkins Loan, Health Profession Student Loan, Primary Care Loan, Federal Student Nursing Loan and Loans to Disadvantaged Students). Guaranteed Loans (Stafford, Unsubsidized Stafford, Parent Loans for Undergraduate Students, and Graduate PLUS Loans) are issued to eligible students of the University or their parents by various financial institutions. Current year loan disbursements for these loan programs are included in the federal expenditures in the Schedule of Expenditures of Federal Awards (see note 3).

# (2) Summary of Significant Accounting Policies for the Schedule

For purposes of the Schedule of Expenditures of Federal Awards, expenditures for federal programs are recognized on the accrual basis of accounting.

Expenditures for federal student financial aid programs are recognized as incurred and include Federal Pell program grants to students, the federal share of students' FSEOG program grants, FWS program earnings, loans to students under federally guaranteed programs and certain other federal financial assistance grants for students and administrative cost allowances, where applicable.

Expenditures for other federal awards of the University are determined using the cost accounting principles and procedures set forth in OMB Circular A-21, *Cost Principles for Educational Institutions*. Under these cost principles, certain expenditures are not allowable or are limited as to reimbursement.

Expenditures for nonfinancial aid awards include indirect costs. Indirect costs allocated to such awards for the year ended June 30, 2008 were based on predetermined fixed rates negotiated with the University's

Notes to Schedule of Expenditures of Federal Awards

Year ended June 30, 2008

cognizant federal agency, the U.S. Department of Health and Human Services. Indirect costs and recoveries of those costs under sponsored programs are classified as unrestricted expenditures and revenues, respectively, in the University's financial statements.

Negative balances represent programs with unfunded expenditures prior to normal close-out procedures, which were subsequently cost-shared or transferred to nonfederal cost centers.

# (3) Federal Student Financial Assistance Programs

Federal student financial assistance made available by the University to eligible students or utilized by the University for allowable administrative expenses under grant, work-study and student loan programs and guaranteed loans offered to students of the University or their parents by financial institutions during the year ended June 30, 2008 are summarized as follows:

Grant and work-study based programs: \$ FWS 1,439,844 Pell 2,251,301 **FSEOG** 1,245,207 Academic Competitiveness Grants 162,650 National Science and Mathematics Access to Retain Talent Grants 215,605 Total \$ 5,314,607 Direct loans disbursed: \$ Federal Perkins 2.776.272 Health Profession Student Loan Primary Care Loan Federal Nursing Student Loan 166,000 Nurse Faculty Loan Program 75,423 Loans for Disadvantaged Students Total \$ 3,017,695 Guaranteed loans disbursed: Federal Subsidized Stafford \$ 20,791,232 Federal Unsubsidized Stafford 26,966,143 Federal Parent Loans for Undergraduate Students 8,434,004 Federal Graduate PLUS Loans 23,911,673 80,103,052 Total \$

Notes to Schedule of Expenditures of Federal Awards and State of Tennessee Grant Activity

Year ended June 30, 2008

The Perkins, Health Profession Student Loan (HPSL), Primary Care Loan (PCL), Nursing Student Loan (NSL), Nursing Faculty Loan Program (NFLP) and Loans for Disadvantaged Students (LDS) programs are administered directly by the University and balances and transactions relating to these programs are included in the loan funds of the University's financial statements. Balances of loans outstanding at June 30, 2008 are as follows:

Perkins	\$	15,391,211
HPSL		263,182
PCL		192,297
NSL		1,236,428
NFLP		444,296
LDS	_	878
	\$	17,528,292

The University is responsible for the performance of certain administrative duties with respect to the guaranteed loan programs. It is not practical to determine the balance of loans outstanding to students and former students of the University under these programs for the year ended June 30, 2008. These loans are not included in the University's consolidated financial statements.



KPMG LLP 401 Commerce Street, Suite 1000 Nashville, TN 37219-2422

Report 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* 

Board of Trust The Vanderbilt University:

We have audited the consolidated financial statements of The Vanderbilt University and subsidiaries as of and for the year ended June 30, 2008, and have issued our report thereon dated October 13, 2008. 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 Vanderbilt'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 Vanderbilt's internal control over financial reporting. Accordingly, we do not express an opinion on the effectiveness of Vanderbilt'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 Vanderbilt'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*.

This report is intended solely for the information and use of management, audit committee, others within the entity, and the U.S Department of Health and Human Services, and other legislative or regulatory bodies governing the federal funds received by The Vanderbilt University and subsidiaries and is not intended to be and should not be used by anyone other than these specified parties.



October 13, 2008



**KPMG LLP** 401 Commerce Street, Suite 1000 Nashville, TN 37219-2422

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

Board of Trust The Vanderbilt University:

# Compliance

We have audited the compliance of The Vanderbilt University and subsidiaries (Vanderbilt) 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. Vanderbilt's major federal programs are identified in the summary of auditors' 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 Vanderbilt's management. Our responsibility is to express an opinion on Vanderbilt's compliance based on our audit.

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 Vanderbilt'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 Vanderbilt's compliance with those requirements.

In our opinion, Vanderbilt 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.

# **Internal Control Over Compliance**

The management of Vanderbilt 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 Vanderbilt's internal control over compliance with the requirements that could have a direct and material effect on a major federal program in order to determine our auditing procedures for the purposes of expressing our opinion on compliance, but not for the purpose of expressing an opinion on the effectiveness of internal control over compliance. Accordingly, we do not express an opinion on the effectiveness of Vanderbilt's internal control over compliance.

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 of internal control 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.

This report is intended solely for the information and use of the Board of Trust, the audit committee, management, the U.S. Department of Health and Human Services and other legislative or regulatory bodies governing the federal funds received by The Vanderbilt University and subsidiaries and is not intended to be and should not be used by anyone other than these specified parties.



January 19, 2009

## Schedule of Findings and Questioned Costs

Year ended June 30, 2008

# (1) Summary of Auditors' Results

- (a) The type of report issued on the consolidated financial statements: Unqualified opinion
- (b) Significant deficiencies in internal control were disclosed by the audit of the consolidated financial statements: **None reported**

Material weaknesses: None

- (c) Noncompliance which is material to the consolidated financial statements: **None**
- (d) Significant deficiencies in internal control over major programs: None reported

Material weaknesses: None

- (e) The type of report issued on compliance for major programs: Unqualified opinion
- (f) Any audit findings which are required to be reported under Section .510(a) of OMB Circular A-133: None
- (g) Major programs:

CFDA#	Grantor	Program
Various	Various	Research and Development Cluster
Various	Department of Education	Student Financial Aid Cluster
93.067	Department of Health and Human Services	Global AIDS
93.859	Department of Health and Human Services	Pharmacology, Physiology & Biological Chemistry Research

- (h) Dollar threshold used to distinguish between Type A and Type B programs: \$3,000,000
- (i) Auditee qualified as a low-risk auditee under Section .530 of OMB Circular A-133: Yes

# (2) Findings Relating to the Financial Statements Reported in Accordance with *Government Auditing* Standards

None.

# (3) Findings and Questioned Costs Relating to Federal Awards

None.